## U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF ANIMAL INDUSTRY-Bulletin No. 61.

D: E. SALMON, D. V. M., Chief of Bureau.

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# THE SCORE CARD IN STOCK JUDGING

AT

#### AGRICULTURAL COLLEGES.

ВХ

GEORGE M. ROMMEL, B. S. A.,

Expert in Animal Husbandry, Bureau of Animal Industry.



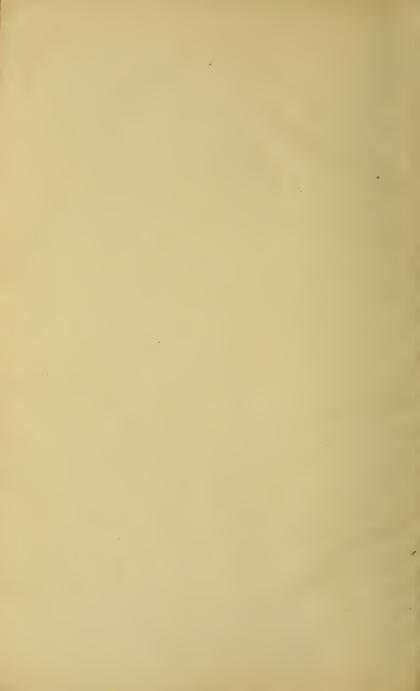
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GEORGE M. ROMMEL, B. S. A.,

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#### LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF ANIMAL INDUSTRY.

Washington, D. C., June 7, 1904.

SIR: I respectfully submit herewith for publication as a bulletin of this Bureau a manuscript entitled "The Score Card in Stock Judging at Agricultural Colleges," compiled by George M. Rommel, expert in animal husbandry. This material was collected during the past year to combine for ready reference the score-card forms used by instructors in animal husbandry throughout the United States.

Nearly all the college cards for market classes in use at present are included in the following pages. Cards for the several breeds were omitted for various reasons, but chiefly because instruction in the judging of market classes and that of breeds is clearly divided; the latter can very well form the nucleus of another similar bulletin.

The charts illustrating the points of the various animals were designed not so much to serve as universal guides for this purpose as to show the location of the parts described by the terms used in the different score cards.

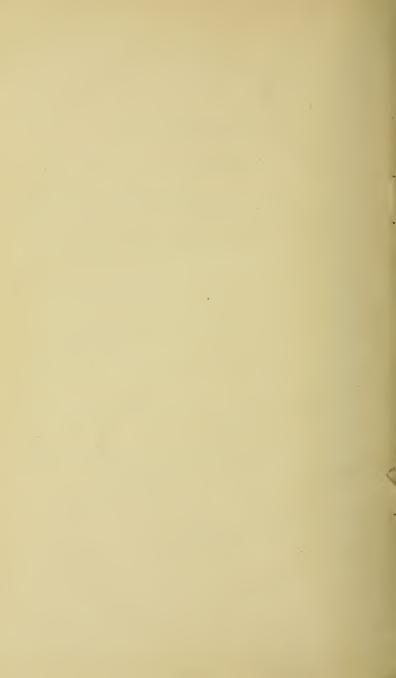
The Bureau is indebted to Prof. Andrew Boss, of the Minnesota School of Agriculture, for the loan of charts used by him in giving instruction in meat production. These charts are submitted for use in this bulletin.

Thanks are also due instructors in animal husbandry in nearly every agricultural college in the country for placing their score cards and other similar material at the disposal of the Bureau.

Respectfully,

D. E. Salmon, Chief of Bureau

Hon. James Wilson, Secretary of Agriculture.



## CONTENTS.

|                                      | Tugo. |
|--------------------------------------|-------|
| Introduction                         | 7     |
| Forms of score cards                 | 8     |
| Horses                               | 10    |
| Light horses                         | 18    |
| Draft horses.                        | 26    |
| Mules                                | 39    |
| Beef cattle                          | 40    |
| Store cattle                         | 57    |
| Dairy cattle                         | 58    |
| Hogs                                 | 82    |
| Lard hogs                            | 92    |
| Bacon hogs                           | 95    |
| Sheep                                | 97    |
| Mutton sheep                         | 108   |
| Wool sheep                           | 112   |
| Poultry                              | 113   |
| Dressed carcasses and block records: | 110   |
|                                      | 116   |
| Beef cattle                          | 118   |
| Lard hogs.                           |       |
| Bacon hogs                           | 119   |
| Mutton sheep                         | 119   |
| Animal mechanics:                    |       |
| Horses                               | 120   |
| Cattle                               | 128   |
| Market reports:                      |       |
| Beef cattle                          | 124   |
| Efficiency of milking                | 124   |

## ILLUSTRATIONS.

|     |           | PLATES,   |       |
|-----|-----------|---|-------|
|     | . 51      |   | Page. |
| LAT | 9         | ram of steer, showing Minnesota method of cutting carcass           | 124   |
|     |           | ram of carcass of beef.   | 124   |
|     |           | ilder cut and folded roast  | 124   |
|     |           | ll end ribs and large end ribs                                      | 124   |
|     |           | ed roast and porterhouse steak                                      | 124   |
|     |           | in cuts   | 124   |
|     |           | nd cuts   | 124   |
|     | 0         | ram of hog, showing method of cutting carcass                       | 124   |
|     |           | ram of carcass of hog with head, shoulders, and hams partly tached. | 124   |
|     |           | ılders and hams   | 124   |
|     | 11. Sides | s and middle  | 124   |
|     | 12. Diagr | ram of sheep  | 124   |
|     | 13. Diagr | ram of carcass of mutton  | 124   |
|     | 14. Shou  | ılders  | 124   |
|     | 15. Loin, | , rack, and rib cuts  | 124   |
|     | 16. Leg c | of mutton, side and under views                                     | 124   |
|     |           |   |       |
|     |           | TEXT FIGURES.   |       |
| IG. | 1. Points | of the horse  | 10    |
|     |           | of beef cattle—side view.   | 40    |
|     | 3. Points | of beef cattle—front and rear views                                 | 40    |
|     |           | of the dairy cow—side view  | 58    |
|     | 5. Points | of the dairy cow—three-quarters rear view                           | 58    |
|     |           | of the hog—three-quarters front view                                | 82    |
|     |           | of the hog—side view  | 82    |
|     |           | of the sheep—side view  | 97    |
|     |           | of the sheep—front and rear views                                   | 97    |
| ]   |           | for study of proportions of the horse                               | 120   |
|     |           | for study of articular angles of the horse                          | 122   |
|     |           |   |       |

# THE SCORE CARD IN STOCK JUDGING AT AGRICULTURAL COLLEGES.

Compiled by George M. Rommel, B. S. A., Expert in Animal Husbandry, Bureau of Animal Industry.

#### INTRODUCTION.

No branch of agricultural college work has developed more rapidly during recent years nor attracted more general attention than the instruction in animal husbandry—the theoretical and practical selection and management of live stock. The immense value of our animal industry (with an estimated annual output of over \$800,000,000), the important relation between live stock and the maintenance of fertility, not to mention the pleasure that attends the successful management of farm animals, have drawn the attention of agricultural educators to this field of work. Indeed, in some instances, the realization of its importance by the agricultural public has had a most telling effect in bringing about proper recognition by the colleges of a previously neglected branch of agriculture.

Instruction in the principles of stock judging demands a very large share of the teacher's time. The aim of the colleges in this work is not to graduate men who are fully equipped to perform the duties of a judge in a show ring, but to give instruction in fundamental principles on which the student, as years give experience, can build an

accurate and extensive knowledge of animal form.

The place of the score card in this scheme is important. As an aid to the judge in the show ring, its use is practically obsolete, except in the case of poultry. It is very easy for a competent judge to "score" two animals by the card and reach results directly opposite to what he would have done had the ring been judged by the show-yard system. When thirty or forty animals confront him, no judge would now think of using a score card. However, to learn the cardinal points of form and action and to develop systematic methods, there is no more convenient or expeditious manual than a concise and accurate card.

The first essential in such instruction is to lead the beginner to see correctly—to know what faults or merits each point of the animal presents to the eye or touch. For example, the accepted standards demand that a horse shall have a lean, straight head, of moderate length, with neat, smartly carried ears of moderate size; a broad, full forehead; large, prominent, intelligent, clear eyes; and a fine muzzle, with large nostrils and firm, even lips. It is necessary that the student learn what is therefore an unwritten part of such work.

Following this first step the student learns the comparative value of the different points. For example, he is taught that it is more important, commercially, that a horse shall have a wide, deep, straight, clean hock than a straight, clean head; and he is shown that one of these points has a value of eight or ten on the card, while the other is given one or two. He learns that if a fat steer is thick and even in the covering of the back, he can overlook a little spareness of flesh on the lower rib or a slight lack of development of either flank. In short, he learns what parts in the equine anatomy are most essential to the actual usefulness of a horse, and what parts of a meat-bearing animal bring the highest prices on the block.

When this step is taken many of the colleges give their students work that is little different from that of the show ring. Three or four animals are placed before the student and he is required to place them according to individual merit, writing his reasons on blanks provided for the purpose. No score cards are used, but the student is held as closely as possible to the use of score-card terms. When this stage is reached successfully the cards are dispensed with and the student is supposed to know what is required in the ideal animal. Here the training of the judgment begins, for which college work is really only the preparation. In some cases the score cards are eliminated gradually by requiring the student to assign his reasons point by point before he assigns general reasons for his decisions. This has an advantage in that it is made difficult to overlook any essential features.

The score card, therefore, is only for instruction in fundamentals, and, while in itself it is impracticable for use in the show yard, these fundamentals form the basis for all competent judging.

#### FORMS OF SCORE CARDS.

The forms of cards used by different instructors naturally vary considerably. Some institutions, for example, use but one card for both draft and light horses. The description is practically the same for both types, and differences are noted in the text. The different standards are provided for by two columns of "points." This system is seen in the cards for horses used by the New Hampshire College,

Cornell University, the North Carolina College, and the Ohio State University, and in the cards for sheep used by the New Hampshire and North Carolina colleges, Purdue University, and the Utah Agricultural College. Its advantages are that it permits the student to get a clear idea of the essentials of each type by comparison, and gives him an idea of animal form in the abstract. Its disadvantages are that a sufficient amount of explanation of differences is not possible, and there is apt to be confusion of types. The more commonly accepted system is a separate card for each type, no matter how close the resemblance.

Generally, the score cards have blanks for the date, name of student, and designation of the animal. In some, space is provided for the age, name of owner, sex, etc.

Several colleges have adopted the plan of numbering the points of the card consecutively. These numbers refer to a blank on which spaces are provided for the score by the student and the instructor. The principal advantage of the blank is that it enables the student to make notes of deficient points.

In some institutions, the cards for each class of animals are printed on the inside covers of a stiff cardboard folder, into which are inserted a number of these blanks. The student thus has his guide and notebook under one cover, and also has the advantage of having a permanent form of card. The University of Tennessee uses a stiff leatherbound folder. On one side is a pocket in which the score cards are placed, and a slot is cut into the other cover into which is slipped the cardboard back of a pad of blanks, the book thus holding the score cards for each class of stock and also the notebook for the class work. It has the advantage over other forms in that one book only is necessary.

Several minor changes have been made in the wording and punctuation of the various cards for the sake of uniformity. Values and definitions, however, are exactly as furnished by the colleges in all cases.

Acknowledgments are due the instructors who supplied these cards for the courtesy.

The score cards now in use follow.

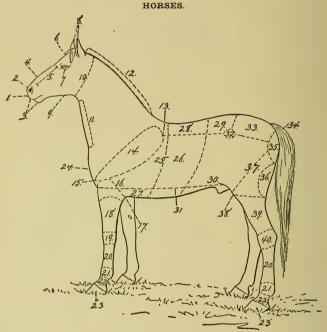


Fig. 1.—Points of the horse,

| 1.  | Muzzle.              | 11. Windpipe.         |    |
|-----|----------------------|-----------------------|----|
| 2.  | Nostril.             | 12. Crest.            |    |
| 3.  | Lips.                | 13. Withers.          |    |
|     | Nose.                | 14. Shoulder.         |    |
| 5.  | Facc.                | 15. Point of shoulder |    |
|     | Forehead.            | 16. Arm.              |    |
|     | Eve.                 | 17. Elbow or elbow jo | iı |
|     | Ears.                | 18. Forearm,          |    |
|     | Angle of lower jaw.  | 19. Knee.             |    |
|     | Throatlatch, throat. |                       |    |
| -0. | or throttle.         | 21. Fetlocks.         |    |
|     |                      |                       |    |

22. Pasterns, 23. Feet. | 12. Crest. | 23. Feet. | 13. Withers. | 24. Breast. | 14. Shoulder. | 25. Girth. | 16. Arm. | 27. Fore fiank. | 17. Elbow or elbow joint. | 28. Back. | 28. Back. | 29. Gannons. | 20. Gannons. | 21. Fetlocks. | 32. Hip. | 23. Hip. | 24. High specific properties | 24. High specific properties | 25. Hip. | 2

33. Croup, or rump.
34. Tail.
35. Buttock.
36. Quarter.
37. Thigh.
38. Stiffe joint.
39. Gaskin, lower thigh stifle, or leg.
40. Hock.

#### New Hampshire College of Agriculture and the Mechanic Arts.

Same as Cornell card (see below) for horses, with the following exceptions: Under neck, the clause beginning "depth of insertion," etc., is omitted; under pasterns, read "6 to 7 inches;" for horses for speed, 8 points are allowed for fore feet and 6 for action.

#### Cornell University.

|   | Fo        | or force. For spec |            |           | eed.       |            |
|---|-----------|--------------------|------------|-----------|------------|------------|
| Scale of points.  | Standard, | Student's.         | Corrected. | Standard. | Student's. | Corrected, |
| A. General appearance:  |           |                    |            |           |            |            |
| t. General appearance:  Height, estimated — hands; actual — hands.  Weight, estimated — pounds; actual — pounds.  Form, for force, low, massive; for speed, high, lithe  Quality, boue flat; tendons lean; skin and hair fine  Action, step smooth, quick, long; trot rapid, straight, regular              |           |                    |            | 8         |            |            |
| Form for force low massive: for speed high lithe  | 6         | • • • • •          | • • • • •  | 2         |            |            |
| Quality, bone flat; tendons lean; skin and hair fine  | 8         |                    |            | 10        |            |            |
| Action, step smooth, quick, long; trot rapid, straight, regular   | 4         |                    |            | 8         |            |            |
| Attitude, members vertical Temperament, lively, pleasant  | 5         |                    |            |           |            |            |
| Head and neek:  | 4         |                    |            | 0         |            |            |
| Head, lean; length two-fifths height of withers; width of forehead<br>more than one-third length of head; depth of head one-half its<br>length; for S., smaller, carried higher, more horizontal  |           |                    |            |           |            |            |
| more than one-third length of head; depth of head one-half its  | _         |                    |            |           |            |            |
|   | 1         |                    |            | 2         |            |            |
| Eves, full, bright, intelligent   | i         |                    |            | l i       |            |            |
| Eyes, full, bright, intelligent  Ears, short, clean, fine, directed forward, wide apart  Neek, pyramidad, muscled; throat clean, fine; windpipe large; depth  of insertion at shoulder equals length of underline, 2 to 4 inches  shorter than head; for F., neck shorter, thicker, more horizontal         | 1         |                    |            | 1         |            |            |
| Neck, pyramidal, muscled; throat clean, fine; windpipe large; depth   |           |                    |            |           |            |            |
| of insertion at shoulder equals length of underline, 2 to 4 inches  | 1         |                    |            | 9         |            |            |
|   | -         |                    | • • • • •  | -         |            |            |
| Shoulders, long, extending into back; point of shoulder to point of withers, equals length of head; for F., shorter more upright.  Arms, relatively short, 12 to 13 inches; for F., more horizontal   |           |                    |            |           |            |            |
| withers, equals length of head; for F., shorter more upright  | 3         |                    |            | 2         |            |            |
| Forearms, vertical, long, 14 to 15 inches wide; for F., shorter, more   | 1         |                    | • • • •    | 1         |            | • • • •    |
| heavily muscled   | 3         |                    |            | 3         |            |            |
| Knees, clean cut, wide, deep, 2 inches, strongly supported  | 2         |                    |            |           |            |            |
| Cannons, vertical, short, 9 to 10 inches, lean, wide; tendons well de-  |           |                    |            |           |            |            |
| tached; for S., longer. Petlocks, wide, thick, clean Pasterns, letlock to ground, 7 to 8 inches; for S., long, sloping: for F.,   | 2         |                    | • • • • •  | 2         |            |            |
| Pasterns, fetlock to ground, 7 to 8 inches: for S., long, sloping: for F.,  | 1         |                    |            | 1         |            |            |
| snort, more upright   | 1         |                    |            | 1         |            |            |
| Feet, round, even size; horn dark colored, dense; sole concave; bars  |           |                    |            |           |            |            |
| strong; frog large, elastic; heel vertical, one-half length of toe  | 6         | ••••               |            | 6         |            |            |
| Chest in general, high, wide, long: more than half height of horse; for   |           |                    |            |           |            |            |
| F., girth larger.<br>Withers, clearly defined for S.<br>Breast, for S., high, projecting: for F., broad, muscular   | 6         |                    |            | 4         |            | ١          |
| Withers, clearly defined for S.   | 0         |                    |            | 1         |            |            |
| Ribs, long, round curvature, wide apart   | 2 2       |                    | ••••       | 1         |            | ••••       |
| Back, straight, short, muscular; shoulders to haunch equals length of   | -         |                    | ••••       | 1         |            |            |
| head; for S., longer  | 3         |                    |            | 1         |            |            |
| Back, straight, short, muscular; shoulders to haunch equals length of<br>head; for S., longer<br>Loin, wide, short, thick<br>Flank, narrow, low   | 2         |                    |            | 1         |            |            |
| Hank, narrow, low   | 1         |                    |            | 1         |            |            |
| Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S.,   |           |                    |            |           |            |            |
| Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S., horizontal; for F., shorter, more oblique   | 5         |                    |            | 5         |            |            |
| Tail, long, full, fine, set and carried high  | 1         |                    |            | 1         |            |            |
| Thighs, for S., long, 15 to 16 inches, upright; stifle deviated outward; for F., shorter, more horizontal, muscular.  | 4         |                    |            | В         |            | i          |
| Buttocks, heavily muscled, well descended   | 2         |                    |            | ı         |            |            |
| Buttocks, heavily muscled, well descended.<br>Legs, for S., long, 14 to 15 inches, upright; for F., shorter, more hori-   |           |                    |            |           |            |            |
|   | 3         |                    |            | 3         |            |            |
| Cappone 11 to 12 inches otherwise as above  | 4         |                    |            | 4         |            |            |
| Fetlocks, as above.   | 1         |                    |            | 1         |            |            |
| Pasterns, as above  | î         |                    |            | î         |            |            |
| zontal, heavily muscled<br>Hocks, clean cut, large, straight, 3 to 3½ inches deep; for F., wider<br>Cannons, 11 to 12 inches, otherwise as above.<br>Fetlocks, as above.<br>Pasterns, as above.<br>Feet, compared with above, more oval, more concave; heels higher,<br>more separated; walls more vertical |           |                    |            |           |            |            |
| more separated; walls more vertical   | 2         | • • • • •          | • • • • •  | 2         |            |            |
|   |           |                    |            |           |            |            |

#### North Carolina College of Agriculture and Mechanic Arts.

Same as Cornell card (see above) for horses, with the following exceptions: Under pasterns, read "6 to 7 inches;" under thighs, read "15 to 17 inches;" for horses for speed, 1 point is allowed for neck, 2 for arm, 8 for fore feet, and 6 for action.

## The College of Agriculture and Domestic Science, Ohio State University.

|  | Fo               | r for      | ce.        | Fo               | r spe      | ed.        |
|--|------------------|------------|------------|------------------|------------|------------|
| Scale of points.   | Standard.        | Student's. | Corrected. | Standard.        | Student's. | Corrected. |
| A. General appearance:   |                  |            |            |                  |            | -          |
| Height, estimated — hands; actual — hands.  Weight, estimated — pounds; actual — pounds.  Form, for force, low, massive; for speed, high, little.  Quality, bone flat; tendons lean; skin and hair fine.   |                  |            |            | 8                |            |            |
| Form, for force, low, massive; for speed, high, lithe  | 6                |            |            | 2                |            |            |
| Quality, bone flat; tendons lean; skin and hair fine   | 8                |            |            | 10               |            |            |
| Action, step smooth, quick, rong; trot rapid, straight, regular<br>Attitude, members vertical.<br>Temperament, lively, pleasant  | 5                |            |            | 5                |            |            |
| Temperament, lively, pleasant  | 3                |            |            | 5                |            |            |
| B. Head and neck:  Head, lean; length two-fifths height of withers; width of forehead more than one-third length of head; depth of head one-half its length; for S., smaller, carried higher, more horizontal.  Muzzle, fine; nostrils large; lips thin Eyes, full, bright, intelligent. Ears, short, clean, fine, directed forward, wide apart. Neck, pyramidal, nuscled; throat clean, fine; windpipe large; depth   | 2<br>1<br>1<br>1 |            |            | 3<br>1<br>2<br>1 |            |            |
| of insertion at shoulder equals length of underline, 2 to 4 linenes  |                  |            |            |                  |            |            |
| shorter than head; for F., neck, shorter, thicker, more horizontal<br>C. Fore quarters:  | 2                |            |            | 3                |            |            |
| Shoulders, long, extending into back; point of shoulder to point of  |                  |            |            |                  |            |            |
| withers equals length of head; for F., shorter, more upright  Arms, relatively short, 12 to 13 inches; for F., more horizontal   | 3                |            |            | 2                |            |            |
| Forearms, vertical, long, 14 to 15 inches, wide; for F., shorter, more   | 1                |            |            | 1                |            |            |
| heavily muscled  | 3                |            |            | 2                |            |            |
| Knccs, clean cut, wide, deep, 2 inches, strongly supported   | 1                |            |            | 1                |            |            |
| tached: for S. Jonger  | 2                |            |            | 2                |            |            |
| Fetlocks, wide, thick, clean   | 1                |            |            | 1                |            |            |
| Fetlocks, wide, thick, clean<br>Pasterns, fetlock to ground, 6 to 7 inches; for S., long, sloping; for F.,<br>short, more upright.   | 1                | ł          |            | 1                |            |            |
| Feet, round, even size; horn dark colored, dense; sole concave; bars strong; frog large, elastic; heel vertical one-half length of toe   | _                |            |            |                  |            |            |
| strong; frog large, elastic; heel vertical one-half length of toe D. Body:   | 5                |            |            | 6                |            | • • • • •  |
| Chest in general high wide long; more than half height of horse; for   |                  |            |            |                  |            |            |
| Figure 1 greater and the second of the secon | 5                |            |            | 4                |            |            |
| Breast, for S., high, projecting; for F., broad, muscular.   | 2                |            |            | 1                |            |            |
| Ribs, long, round curvature, wide apart  | 2                |            |            | 1                |            |            |
| back, straight, short, muscular; shoulders to haulien equals length of<br>head; for S. longer  | 3                |            |            | 1                |            |            |
| head; for S., longer.<br>Loin, wide, short, thick<br>Flank, narrow, low  | 2                |            |            | 1                |            |            |
| Flank, narrow, low<br>E. Hind quarters:  | 1                |            |            | 1                |            |            |
| Croup, wide, long, muscular, 2 to 4 inches shorter than head; for S.,  |                  |            |            |                  |            |            |
| horizontal; for F., shorter, more oblique  | 4                |            |            | 4                |            | }          |
| Tail, set and carried high, long, full, fine. Thighs, for S., long, 15 to 16 inches, npright; stifle deviated outward; for   | 1                |            |            | 1                | ••••       |            |
| F., shorter, more horizontal, muscular   | 3                |            |            | 3                |            |            |
| Legs for S. long 14 to 15 inches upright; for F. shorter more horizon-   | 2                |            |            | 1                |            |            |
| F, shorter, more horizontal, muscular.  Buttocks, heavily muscled, well descended Legs, for S,, long, 14 to 15 inches, purjalt; for F, shorter, more horizontal, heavily muscled Hocks, clean cut, large, straight, 3 to 35 inches deep; for F, wider.  Cannons, 11 to 12 inches, otherwise as above   | 2                |            |            | 1                |            |            |
| Hocks, clean cut, large, straight, 3 to 3\(\frac{1}{4}\) inches deep; for F., wider  | 4                |            |            |                  | ::::       |            |
|  |                  |            |            | 1                |            |            |
| Pasterns, as above Feet, compared with above, more oval, more concave; heels higher,   | 1                |            |            | 1                |            |            |
| more separated; walls more vertical  | 2                |            |            | 2                |            |            |
| •  |                  |            |            |                  |            |            |
| Total  |                  | 1          |            |                  |            |            |

#### LIGHT HORSES.

#### College of Agriculture of the University of Illinois.

| Scale of points.   | Perfect               | Student's | Corrected.                              |
|--|-----------------------|-----------|---|
| · ·  | score.                | score.    |   |
|  |                       |           |   |
| Age, estimated, ——; actual, ——.  |                       |           |   |
| General appearance—13 points:  |                       |           | 1                                       |
| 1. Weight, estimated — pounds; actual, — pounds 2. Height, estimated — hands; actual, — hands 3. Form, type, —; symmetrical, smooth, stylish 4. Quality, bone clean, firm, indicating sufficient substance; ten- |                       |           |   |
| 2. Height, estimated — hands; actual, — hands  | 2                     |           | • |
| 3. Form, type, —; symmetrical, smooth, stylish   | 4                     |           |   |
| dons defined; hair and skin fine   | 4                     |           |   |
| 5. Temperament, active; disposition good   | 9                     |           |   |
| Head and neck—7 points:  | 0                     |           |   |
| 6. Head, lean, straight  | 1                     |           |   |
| 7. Muzzle, fine; nostril large; lips thin, even; teeth sound   | 1                     |           |   |
| 8. Eyes, large, full, bright, clear  | î                     |           |   |
| 9 Forehead broad full  | 1                     |           |   |
| 10. Ears, size medium; pointed; well carried, not far apart  | î                     |           |   |
| 11. Neck, well muscled; crest high; throatlatch fine; windpipe   | _                     |           | 1                                       |
| large  | 2                     |           |   |
| Fore quarters—23 points:   |                       |           |   |
| 12. Shoulder, long, smooth with muscle, oblique, extending into  |                       |           |   |
| back, well muscled at withers  | 3                     |           |   |
| 13 Arm short thrown forward  | 1                     |           |   |
| 14. Forearm, well muscled, long, wide  | 2<br>2<br>2<br>1<br>2 |           |   |
| 15. Knees, clean, wide, straight, deep, strongly supported   | 2                     |           |   |
| 16. Cannons, short, wide; sinews, large, set back  | 2.                    |           |   |
| 17. Fetlocks, wide, straight   | 1                     |           |   |
| 18. Pasterns, strong, long, angle with ground 45 degrees   | 2                     |           |   |
| 19. Feet, medium, even size; straight; horn dense; frog large,   |                       |           |   |
| elastic; bars strong; sole concave; heel wide, high  |                       |           |   |
| 20. Legs<br>Body—9 points:   | 4                     |           |   |
| 21. Chest, deep, low; girth large  | 2                     |           |   |
| 21. Glest, deep, low; girth large  | 2                     |           |   |
| 22. Ribs, long, well sprung, close 23. Back, straight, short, broad, well muscled  | 2                     |           |   |
| 24. Loins, wide, short, thick  | 2                     |           |   |
| 25. Underline, long; flank let down  | ī                     |           |   |
| Hind quarters—30 points;   | 1                     |           |   |
| 26. Hips, smooth, wide, level  | 2                     |           |   |
| 27. Croup, long, wide, muscular  | 2                     |           |   |
| 27. Croup, long, wide, muscular<br>28. Tail, attached high, well carried.  | 2                     |           |   |
| 29. Thighs, long, muscular, spread, open angled  | 2                     |           |   |
| 30. Quarters, heavily muscled, deep 31. Gaskins (or lower thighs), loug, wide, muscular  | 2                     |           |   |
| 31. Gaskins (or lower thighs), loug, wide, muscular  | 2                     |           |   |
| 32. Hocks, clearly defined, wide, straight   | 2<br>2<br>2<br>5<br>5 | ·         |   |
| 32. Hocks, clearly defined, wide, straight. 33. Cannons, short, wide; sinews large, set back.  |                       |           |   |
| 34. Fetlocks, wide, straight   | 1                     |           |   |
| 35. Pasterns, strong, sloping  | 2                     |           |   |
| 36. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide, high   |                       |           |   |
| elastic; bars strong; sole concave; heel wide, high  | 4                     |           |   |
| 37. Legs, viewed from behind, a perpendicular line from the  |                       |           |   |
| point of the buttock should fall upon the center of the hock,  |                       |           |   |
| cannon, pastern and foot; from the side, a perpendicu-   |                       |           |   |
| lar line from the hip joint should fall upon the center of<br>the foot and divide the gaskin in the middle, and a per-   |                       |           |   |
| pendicular line from the point of the buttock should run   |                       |           |   |
| pendicular fine from the point of the outlock should full  | 4                     |           |   |
| parallel with the line of the cannon   | 4                     |           |   |
| lar, high  | 18                    |           |   |
| AGA, AABA  | 10                    |           |   |
| Total  | 100                   |           |   |
|  | 100                   |           |   |
|  |                       |           |   |

#### Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points for gelding.  | Perfect<br>score.     |
|---|-----------------------|
| 1. Age —  |                       |
| General appearance:   |                       |
| 2. Weight,— 3. Height——   |                       |
| 4. Form, symmetrical, smooth, stylish 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair  | 4                     |
| 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined; hair  |                       |
| and skin fine 6. Temperament, active: disposition good.   | 4                     |
| Head and neck:  |                       |
| 7 Head lean straight  |                       |
| 8. Muzzle, fine; nostrils large; lips thin, even  | 1                     |
| 9. Eyes, full, bright, clear, large   | 1                     |
| 10. Forehead, broad, full   | 1                     |
| 12. Neck, muscled; crest high; throatlatch fine; windpipe large.  | î                     |
| Fore quarters:  |                       |
| 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at   |                       |
| withers 14. Arm, short, thrown forward.   | 3                     |
| 15. Forearm muscled long wide   | 1<br>2<br>2<br>2<br>2 |
| 15. Forearm, muscled, long, wide<br>16. Knees, clean, wide, straight, deep, strongly supported.   | 2                     |
| 17 Connous short wide sinews large set back   | 2                     |
| 18. Fetlocks, wide, straight<br>19. Pasterns, strong, angle with ground 45 degrees<br>20. Feet, size medium; even, straight; horn dense; frog large, elastic; bars strong; sole   | ]                     |
| 19. Pasterns, strong, angle with ground 45 degrees.   |                       |
| concave; heel wide, high  |                       |
| 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should   |                       |
| pendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  | 4                     |
| Body:   |                       |
| 22. Chest, deep, low; girth large   |                       |
| 23. Ribs, long, sprung, close 24. Back, straight, short, broad, muscled   | 4                     |
| 25. Loin, wide, short, thick  |                       |
| 26. Underline, long; flank let down   |                       |
| Hind quarters:  |                       |
| 27. Hips, smooth, wide, level   |                       |
| 29. Trail attached high well carried  |                       |
| 30. Thighs, long, muscular, spread, open angled   |                       |
| 29. Tail, attached high, well carried 30. Thighs, long, muscular, spread, open angled 31. Quarters, heavily muscled, deep. 32. Gaskins (or lower thighs), long, wide, muscular.   | :                     |
| 32. Gaskins (or lower thighs), long, wide, muscular.  |                       |
| 33. Hocks, clearly defined, wide, straight 34. Cannons, short, wide; sinews large, set back   |                       |
| 35. Fetlocks, wide, straight  |                       |
| 36. Pasterns, strong, sloping<br>37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole  |                       |
| 37. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole   |                       |
| concave; heel wide, high  38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the bip joint should fall upon the center of the foot and |                       |
| a perpendicular line from the hip joint should fall upon the center of the foot and   |                       |
| divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon   |                       |
| Action:   |                       |
| 39. Walk, elastic, quick, balanced<br>40. Trot, rapîd, straight, regular, high  |                       |
| 40. Trot, rapid, straight, regular, high  | 18                    |
| Total   | 100                   |

#### Kansas State Agricultural College.

Same as Kentucky card for light horses. (See p. 15.)

#### Agricultural and Mechanical College of Kentucky.

| Scale of points for gelding,   | Perfect<br>score. | Student's<br>score. |
|--|-------------------|---------------------|
| General appearance:  |                   |                     |
| Form, symmetrical, smooth, stylish Quality, bone clean, firm, indicating sufficient substance; tendons defined; hair   | 4                 |                     |
| and skin fine. Temperament, active, disposition kind. Head and neck:   | 4                 |                     |
| Head and neek: Head, lean, straight, Muzzle, fine; nostrils large; lips thin, even; teeth sound Eyes, full, bright, clear, large.  | . 1               | <br>                |
| Eves, full, bright, clear, large,  | 1 1               |                     |
|  |                   |                     |
| Ears, size medium, pointed, well carried, not far apart.  Neck, muscled; crest high; throatlatch fine; windpipe large  | . 1               |                     |
| Neck, muscled; crest high; throatlatch fine; windpipe large  | 1                 |                     |
| Shoulders, long, smooth with muscle, oblique, extending into back  | . 2               |                     |
| Arms, short, thrown forward  | . 1               |                     |
| Forearms, muscled, long, wide Knees, clean, wide, straight, deep, strongly supported.  | 2 2               |                     |
| Cannons, short, wide; sinews large, set back.  | 2                 |                     |
| Fetlocks, wide, straight.  | ĩ                 |                     |
| Fetlocks, wide, straight.<br>Pasterns, strong, angle with ground 45 degrees.<br>Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong;   | . 3               |                     |
| Feet, size medium, even, straight; horn dense; frog large, elastic; bars strong; sole concave; heel wide   | . 6               | <br>                |
| Legs, viewed in front, a perpendicular line from the point of the shoulder   |                   |                     |
| side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof   |                   |                     |
| fall upon the center of the knee and pastern joints and back of hoof   | . 4               |                     |
| Body: Withers, muscled, well finished at top.  | . 1               |                     |
| Cheet doon low: girth large  | 9                 |                     |
| Ribs, long, sprung, close. Back, straight, short, broad, muscled. Loin, wide, short, thick.  | . 2               |                     |
| Back, straight, short, broad, muscled  | . 2               |                     |
| Underline, long; flank let down  | 1                 |                     |
| Hind quarters:   |                   |                     |
| Hips, smooth, wide, level  | . 2               |                     |
| Croup, long, wide, muscular  | 2                 |                     |
| Tall, attached high, well carried  | 1                 |                     |
| Grup, long, wice, level Grup, long, wice, muscular Tail, attached high, well carried Thighs, long, muscular spread, open angled. Quariers, heavily muscled, deep Gaskries (or lower thighs), long, wide, muscular Hocks, clearly defined, wide, straight. Cannos, short, wide: sinews large, set back. | 2                 |                     |
| Gaskins (or lower thighs), long, wide, muscular  | . 2               |                     |
| Hocks, clearly defined, wide, straight.  | . 5               |                     |
| Fetlocks, wide, straight   | 1 1               |                     |
| Pasterns, strong, sloping Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong:   | . 2               |                     |
| Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong:   | 1                 |                     |
| sole concave; heel wide, high.  Legs, viewed from behind, a perpendicular line from the point of the buttock   | . 4               |                     |
| should fall upon the center of the hock, cannon, pastern, and foot; from   |                   |                     |
| the side, a perpendicular line from the hip joint should fall upon the cen-  |                   |                     |
| the side, a perpendicular line from the hip joint should fall upon the cen-<br>ter of the foot and divide the gaskin in the middle; and a perpendicular line   |                   |                     |
| from the point of the buttock should run parallel with the line of the cannon  | . 4               |                     |
| Action: Walk, elastic, quick, balanced   | 5                 |                     |
| Trot, rapid, straight, regular, high   | 15                |                     |
|  |                   |                     |
| Total  | . 100             |                     |

## Maryland Agricultural College.

| Scale of points, ———— (sex.)  | Perfect<br>score.  | Student's score. | Corrected. |
|---|--|------------------|------------|
| General characters: Age, student's estimate,; corrected,, Height, estimated, hands; actual, hands. Weight, estimated, pounds; actual, pounds Form, type,; symmetrical, smooth, stylish, Quality, bonc clean; tendons defined; hair and skin fine. Temperament, energetic; disposition good. | 2 4  |                  |            |
| Head and neck: Head, lean, straight, shapely Muzzle, fine; nostril large; lips thin Eyes, full, large, bright, clear. Forchead: Ears, size medium, pointed, well carried Neck, museled, crest high; windpipe large; throatlatch fine  | 1 1 1  |                  |            |
| Body: Withers, muscled. Chest, deep, low; girth large. Ribs, long, well sprung, close. Back, straight, short, broad, muscled. Loins, wide, short, thick Underline, long; flank low.   | 1<br>2<br>1<br>1<br>1<br>1   |                  |            |
| Extremities: Shoulder, long, smooth, oblique, extending into back   | 3<br>1<br>1<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>2<br>4 |                  |            |
| Action, walk smooth, clean, active; trot rapid, straight, even, clean, long, stride   | 44   |                  |            |

#### Massachusetts Agricultural College.

|  | 1  | Points d         | leficient. |
|--|--|------------------|------------|
| Scale of points.   | Perfect<br>score.                              | Student's score. | Corrected. |
| A. Age— B. General appearance: Weight, estimated pounds; actual — pounds. Height, 16 hands; estimated — hands; actual — hands. Form, type, —; symmetrical, smooth, stylish   | 2 4  |                  |            |
| Quality, bone clean, firm; tendon defined; hair and skin fine<br>Action, step smooth, long, active; trot rapid, straight, regular<br>Temperament, active; disposition good.  | 20   |                  |            |
| C. Head and neck;  Head, lean, straight.  Muzzle, fine; nostril large; lips thin, even; teeth sound.  Eyes, full, bright, clear, large.  Forehead, broad, full.  Ears, size medium, pointed, well carried.  Neck, muscled; crest high; throatlatch fine; windpipe large.   | 1 1  |                  |            |
| D. Fore quarters:  | 7  |                  |            |
| Shoulder, long, smooth, oblique, extending into back. Arm, short, thrown forward. Forearm, muscled, long, wide Knees, clean, wide, straight, deep, strongly supported. Cannons, short, wide; sinews large, set back. Fetlocks, wide, straight. Pasterns, strong, angle with ground 45 degrees Feet, size medium, even; horn dense; frog large; bars strong; sole concave; heel wide, high.   | 1<br>2<br>2<br>2<br>1<br>2                     |                  |            |
| E. Body: Withers, muscled. Chest, deep, low; girth large. Ribs, long, sprung, close. Back, straight, short, broad, muscled. Loins, wide, short, thick. Underline, long flank let down.   | 2 2  |                  |            |
| F. Hind quarters:  Hips, smooth, wide, leyel.  Croup, long, wide, muscular  Tail, attached high, well carried  Thighs, long, muscular, spread, open angled  Quarters, heavily muscled, deep  Gaskins (or lower thighs), long, wide, muscular.  Hocks, clearly defined, wide, straight.  Cannons, short, wide; sinews large, set back  Fetlocks, wide, straight  Fasterns, strong, sloping  Feet, medium, even size; horn dense; frog large, elastic; bars  strong; sole concarcy; heels wide, high | 2<br>2<br>2<br>1<br>1<br>2<br>3<br>2<br>8<br>2 |                  |            |
| Total  | 100  |                  |            |
| Estimated market value   |  |                  |            |

## College of Agriculture of the University of Minnesota.

| Scale of points for gelding.  | Perfec<br>score. |
|---|------------------|
| 1. Age, —   |                  |
| eneral appearance:  |                  |
| 2. Weight, —  |                  |
| o. neight, —  |                  |
| eneral appearance: 2. Weight,— 3. Height,— 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons defined: hair and skin fine   |                  |
| and skin fine 6. Temperament, active; disposition good.   |                  |
| ead and neck:   |                  |
| 7. Head, lean, straight   |                  |
| 8. Muzzle, fine; nostrils large; lips thin, even  |                  |
| 9. Eyes, full, bright, clear, large   |                  |
| 10. Forehead, broad, full   |                  |
| 12. Neck, muscled; crest high; throatlatch fine; windpipe large   |                  |
| ore quarters:   |                  |
| 13. Shoulders, long, smooth with muscle, oblique, extending into back, muscled at withers   |                  |
| 14. Arms, short, thrown forward   |                  |
| 15. Forearms, muscled, long, wide.<br>16. Knees, clean, wide, straight, deep, strongly supported.   |                  |
| 16. Knees, clean, wide, straight, deep, strongly supported  |                  |
| 17. Cannons, snort, lean; tendons large, set back   |                  |
| 19 Pasterns strong angle with ground 45°  |                  |
| 18. Fetlocks, wide, straight.  19. Pasterns, strong, angle with ground 45°.  20. Feet, size medium, even; straight; horn dense; frog large, elastie; bars strong; sole concave; heel wide, high, even.  |                  |
| 21. Legs, viewed in front, a perpendicular line from the point of the shoulders should  |                  |
| pendicular line dropping from the center of the elbow joint should fall upon the  |                  |
| fall upon the center of the knee, cannon, pastern and foot; from the side, a per-<br>pendicular line dropping from the center of the elbow joint should fall upon the<br>center of the knee and pastern joints and back of hoof.  |                  |
| ody:  |                  |
| 22. Withers, muscled, well finished at the top  |                  |
| 23. Chest, deep, wide, low; girth large   |                  |
| 24. Ribs, long, sprung, close 25. Back, straight, short, broad, muscled   |                  |
| 26. Loin, wide, short thick   |                  |
| 26. Loin, wide, short, thick<br>27. Underline, long; flank let down   |                  |
| nd quarters:  |                  |
| 28. Hips, smooth, wide, level   |                  |
| 29. Croup, long, wide, muscular 30. Tail, attached high, well carried.  |                  |
| 30. Tail, attached mgh, well carried  |                  |
| 31. Thighs, long, muscular.   |                  |
| 22. Quarters, heavily muscled, deep 33. Gaskins (or lower thighs), long, wide, nuseled 34. Hocks, clean, wide, medium angle. 35. Cannons, short, wide; tendons large, set back.   |                  |
| 34. Hocks, clean, wide, medium angle,   |                  |
| 35. Cannons, short, wide; tendons large, set back   |                  |
| 36. Fetlocks, wide, strong  |                  |
| 37. Pasterns, sloping, strong   |                  |
| 36. Fetlocks, wide, strong.<br>37. Pasterns, sloping, strong.<br>38. Feet, size medium, even; straight; horn dense; frog large, elastic; bars strong; sole  |                  |
| concave; neel wide, nigh  |                  |
| 39. Legs, viewed from behind, a perpendicular line from the point of the buttock should   |                  |
| nendicular line from the lin joint should fall upon the center of the foot and di-  |                  |
| fall upon the center of the hock, rannon, pastern and foot; from the side, a per-<br>pendicular line from the hip joint should fall upon the center of the foot and di-<br>vide the gaskin in the middle; and a perpendicular line from the point of the<br>buttock should run parallel with the line of the cannon |                  |
| buttock should run parallel with the line of the cannon   |                  |
|   |                  |
| etion:  |                  |
| etion:<br>40. Walk, elastic, quiek, balanced  |                  |
| etion:  |                  |

#### College of Agriculture and Mechanic Arts of the University of Missouri.

| Scale of points.  | Perfect. | Student's score. | Corrected. |
|---|----------|------------------|------------|
| General appearance:   |          |                  |            |
| Height, estimated—hands; actual—hands. Weight, estimated—pounds; actual—pounds  | 4        |                  |            |
| Weight, estimated—pounds; actual—pounds   |          |                  |            |
| Form, symmetrical, smooth, stylish  | -1       |                  |            |
| fine  | 4        |                  |            |
| Action, step smooth, quick, long; trot rapid, straight, regular, high.  | 15       |                  |            |
| highTemperament, active; disposition kind   | 4        |                  |            |
| Head and neck:  |          |                  |            |
| Head, lean, straight; length two-fifths height of withers; width of forehead more than one-third length of head; depth of   |          |                  |            |
| head one-half its length Muzzle, fine; nostrils large; lips thin, even  | 2        |                  |            |
| Muzzle, fine; nostrils large; lips thin, even   | 1        |                  |            |
| Eyes, large, full, bright, clear  | 2        |                  |            |
| Forehead, broad, full.<br>Ears, size medium; clean, fine, directed slightly forward, wide   | 1        |                  |            |
| apart   | 1        |                  |            |
| Neck, well muscled; crest high; throatlatch clean, fine; wind-<br>pipe large  | 9        |                  |            |
| Fore quarters:  | -        |                  |            |
| Shoulders, long, oblique, extending into back; point of shoul-  |          |                  |            |
| der to point of withers equals length of head   | 2        |                  |            |
| Arms, short, thrown forward Forearms, vertical, long, wide, well muscled Knees, clean cut, wide, straight, deep, strongly supported   | 2        |                  |            |
| Knees, clean cut, wide, straight, deep, strongly supported  | 2        |                  |            |
| Cannons, vertical, short, lean, wide; tendons well detached   | 2        |                  |            |
| Fetlocks, wide, clean, straight Pasterns, strong, sloping, angle with ground 45 degrees   | 1        |                  |            |
| Feet, size round, even; horn dark colored, dense; sole concave;   | -        |                  |            |
| bars strong; frog large, elastic; heel wide, vertical, one-half   |          |                  |            |
| length of toe   | 4        |                  |            |
| the shoulder should fall upon the center of the knee, cannon.   |          |                  |            |
| pastern and foot; from the side a perpendicular line dropping   |          |                  |            |
| pastern and foot; from the side a perpendicular line dropping<br>from the center of the elbow joint should fall upon the center<br>of the knee and pastern joints and back of hoof  | 1        |                  |            |
| Body:   |          |                  |            |
| Chest, deep, wide, more than half the height of horse. Withers, clearly defined, well muscled.  | 4        |                  |            |
| Withers, clearly defined, well muscled  | 1        |                  |            |
| Ribs, long, well sprung, wide apart.<br>Back, straight, short, broad, muscular.   | 2        |                  |            |
| Loins, wide, short, thick<br>Flank, thin, low   | 2        |                  |            |
| Flank, thin, low  | . 1      |                  |            |
| Hind quarters: Hips, smooth, wide, level  | 2        |                  |            |
| Croup, long, wide, muscular, somewhat sloping   | . 3      |                  |            |
| Tail, attached high, long, full, fine, well carried.  | 1        |                  |            |
| Thighs, long, muscular, stifle diverted slightly outward Buttocks, heavily muscled, well descended  | 9        |                  |            |
| Quarters, heavily muscled, deep   | . 3      |                  |            |
| Hock, clearly defined, wide, straight   | . 2      |                  |            |
| Quarters, heavily muscled, deep<br>Hock, clearly defined, wide, straight<br>Cannons, short, wide.<br>Fetlocks, wide, clean, straight  | 1 1      |                  |            |
| Pastern, strong, sloping  | 2        |                  |            |
| Pastern, strong sloping Feet, compared with above, more oval, more concave; heels higher; walls more vertical.  |          |                  |            |
| Hind less viewed from behind a perpendicular line from the  | 4        |                  | 1          |
| point of the buttock should fall upon the center of the hock,   | 1        |                  |            |
| cannon, pastern and foot; from the side, a perpendicular line   |          |                  |            |
| from the nip joint should fall upon the center of the foot and divide the lower thigh in the middle; and a perpendicular line   |          |                  |            |
| higher; was more vertical.  Hind legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the heck, cannon, pastern and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the lower thigh in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the appear. |          |                  |            |
| of the cannon.  | . 4      |                  |            |
|   |          |                  |            |
| Total   | . 100    |                  |            |

## North Dakota Agricultural College.

|  | D (- )            |                  | leficient.  |
|--|-------------------|------------------|-------------|
| Scale of points for geldings.  | Perfect<br>score. | Student's score. | Corrected.  |
| Age, —   |                   |                  |             |
| General appearance:  |                   |                  |             |
| Weight, — pounds; actual — pounds.<br>Height, 16 hands; estimated — hands; actual — hands  | 0                 |                  |             |
| Form, type —; symmetrical, smooth, stylish   | 4                 |                  |             |
| Quality, bone clean, firm; tendons, defined; hair and skin fine  | 8                 |                  |             |
| Temperament, active; disposition good  | 5                 |                  |             |
| Head and neck:   |                   |                  |             |
| Head, lean, straight   | 1                 |                  |             |
| Muzzle, fine; nostrils large; lips thin, even; teeth sound   | 1                 |                  |             |
| Eyes, full, bright, clear, large   | 1                 |                  |             |
| Forehead, broad, full  | 2                 |                  |             |
| Ears, size medium; pointed, well carried   | 1                 |                  |             |
| Neck, muscled; crest high; throatlatch fine; windpipe large  | 2                 |                  |             |
| Fore quarters: Shoulder, long, smooth, oblique, extending into back  | 9                 |                  |             |
| Arm, short, thrown forward   | 0                 |                  |             |
| Forearm, muscled, long, wide   | 2                 |                  |             |
| Knees, clean, wide, straight, deep, strongly supported   | 2                 |                  |             |
| Cannons, short, wide sinews large, set back  | 2                 |                  |             |
| Fetlocks, wide, straight Pasterns, strong, angle with ground 45 degrees  | 1                 |                  |             |
| Pasterns, strong, angle with ground 45 degrees   | 3                 |                  |             |
| Feet, size medium, even; horn dense; frog large; bars strong;  |                   |                  | 1           |
| sole concave; heel wide, high  | 8                 |                  |             |
| Body:  |                   |                  |             |
| Chest, deep, low; girth large  | .3                |                  |             |
| Ribs, long, sprung, close Back, straight, short, broad, muscled.   |                   |                  |             |
| Loins, wide, short, thick  | 2 2               |                  |             |
| Underline, long; flank let down  | 1                 |                  |             |
| lind quarters:   | 1                 |                  |             |
| Hips, smooth, wide, level  | 2                 |                  |             |
| Croup, long, wide, muscular  | 2                 |                  |             |
| Tail, attached high, well carried  | 1                 |                  |             |
| Thighs, long, muscular, spread, open angled  | $\bar{2}$         |                  |             |
| Quarters, heavily muscled, deep<br>Gaskins, (or lower thighs) long, wide, muscular.  | 3                 |                  |             |
| Gaskins, (or lower thighs) long, wide, muscular  | 2                 |                  |             |
| Hocks, clearly defined, wide, straight   | 8                 |                  |             |
| Cannons, short, wide; sinews large, set back   |                   |                  |             |
| Fetlocks, wide, straight   |                   |                  |             |
| Pasterns, strong, sloping  | 2                 |                  | *********** |
| strong; sole concave; heel wide, high  | 6                 |                  |             |
| Action, step smooth, long, active; trot rapid, straight, regular   | 10                |                  |             |
| The state of the s | 10                |                  |             |
|  |                   |                  |             |
| Total<br>Estimated market value  | 100               |                  |             |

#### The Pennsylvania State College.

|  |                   | •           |
|--|-------------------|-------------|
| Scale of points.   | Perfect<br>score. | Points off. |
| Eyes, prominent, clear, intelligent, expressive Objections, sunken small, wild, victous.   | 4                 |             |
| Head, clean cut; face straight, wide between the eyes; ears medium size, quick; nostrils large, delicate, open; lower jaw clean, strong; muzzle fine.  Objections, thick, coarse, beefy, lacking character and quality; face             | 7                 |             |
| dished, too full.  Neek, symmetrical in length and proportions, graceful; full, arched at  | 4                 | 1           |
| Objections, too short: thick at throttle; low at crest. Shoulders, flat, strong; oblique, good width and depth Objections, narrow, too round, too upright.   | 4                 |             |
| Chest, deep, full, expansive. Objections, sunken, narrow, contracted behind elbows. Forearm, well formed, strong and muscular for high action.   |                   |             |
| Barrel, deep, moderately well rounded; ribs long, springy; loins strong; back short, strong.  Objections, length too great, light, sunken. Coupling, smooth, strong, full, close ribbed, extending evenly over the hips.                 | 4 8               | ······      |
| Objections, long and loose, stucken loin or cut up too high in flank. Quarters, symmetrical, muscular, good length, not too sloping, smoothly joined to body.  |                   |             |
| Objections, short, steep.  Tail, long, full, well set, carried high; quality fine.  Objections, set too low, straight, stiff.  | 2                 |             |
| Stifles and gaskins, muscular, strong, flexible.  Hock, sound, clean, good width, strong, without too great an angle, free from meatiness.   | 6                 |             |
| Objections, narrow, thick, inclined to puff. Knees, neither sprung nor calf kneed, broad, straight, strong, relatively high. Objections, narrow, weak, crooked. Cannons, flat, broad, smooth, clean, fine quality yet with abundant sub- | 6                 |             |
| stance, moderately long.  Stance, moderately long.  Objections, short, round, cut in below the knee.  Pasterns, strong, fair length, sound, clean, sloping.  | 4<br>5            |             |
| Objections, too short and straight, too long and weak.  Feet, medium height, straight, squarely set, free from contracted heels; soles and walls tough; frog full, elastic.  |                   |             |
| Objections, narrow, contracted, flat, crooked. Color, characteristic of breed. Size, 15½ to 16 hands, well proportioned  | 3 4               |             |
| Coat and skin, hair fine, silky'; skin soft, pliable Objections, coarse, hide bound, staring coat. Action, easy, elastic, straight, even, high, showy. Objections, sluggish, ungainly, too low.  |                   |             |
| Symmetry and style, well proportioned throughout; position of horse when standing and carriage when in motion attractive, showy, strong  | 8                 |             |
| Total  | 100               |             |

 $\label{eq:Note_energy} \textbf{Note.--} \textbf{Under the head of "Objections" only a few of the most common are named. Other defects should be scored according to their importance.$ 

#### South Dakota Agricultural College.

Same as Iowa card for light horses. (See p. 14.)

#### The Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.   | Perfect<br>score. | Student<br>score. |
|--|-------------------|-------------------|
| General appearance:  |                   |                   |
| 1. Weight, 900–1,100 pounds; age, ——; color, ——  |                   |                   |
| 2. Height, 16 hands; estimated, — hands; actual, — hands   | 2                 |                   |
| 3. Conformation, symmetrical, smooth, stylish. 4. Quality, bone clean, firm; tendons defined; hair and skin fine | 4                 |                   |
| 5. Action, step smooth, long, active; trot rapid, straight, regular  | 90                |                   |
| 6. Temperament, active: disposition good   | 20                |                   |
| Head and neck:   | 3                 |                   |
| 7. Head lean straight  | 1                 |                   |
| 8. Muzzle, fine; nostrils large; lips thin; corresponding teeth sound  | î                 |                   |
| 9. Eyes, full, bright, clear; eyelids oval   | 1                 |                   |
| 10. Forehead, broad, full  | 1                 |                   |
| 11. Ears, size medium; pointed, well carried   | 1                 |                   |
| 12. Neck, muscled; erest high; throatlatch fine; windpipe large  | 2                 |                   |
| Fore quarters:   |                   |                   |
| 13. Shoulder, long, smooth, oblique, extending into back   | 3                 |                   |
| 14. Arm, short, thrown forward; forearm muscled, long, wide  | 3                 |                   |
| 15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide, tendons large set healt         | - 1               |                   |
| wide; tendons large, set back.  16. Fetlocks, wide, straight; pasterns strong, angle with ground 45 degrees.     | 3                 |                   |
| 17. Feet, size medium, even; horn dense; sole concave; bars strong; frog   |                   |                   |
| prominent, elastic; heels wide, high   | 5                 |                   |
| . Body:  |                   |                   |
| 18. Withers, muscled   | 3                 |                   |
| 19. Chest, deep, low; girth large  | 3                 |                   |
| 20. Ribs, long, sprung, close  | 2                 |                   |
| 21. Back, straight, short, broad, muscled.   | 2 2               |                   |
| 22. Loins, wide, short, thick  | 2                 |                   |
| . Hind quarters:   | 1                 |                   |
| 24 Hips smooth wide level; group long wide muscular  | 2                 |                   |
| 24. Hips, smooth, wide, level; croup long, wide, muscular  | 1                 |                   |
| 26. Thighs, long, muscular, spread, open angled  | 2                 |                   |
| 27. Quarters, heavily muscled, deep.   | 3                 |                   |
| 28. Gaskin, long, wide, muscular   | 2                 |                   |
| 28. Gaskin, long, wide, muscular<br>29. Hocks, clearly defined, wide, straight; cannons short, wide; sinews      |                   |                   |
| large, set back  | 1 0               |                   |
| 30. Fetlocks, wide, straight: pasterns strong, sloping   | 3                 |                   |
| 31. Feet, size medium, even; horn dense; frog prominent, elastic; bars strong;                                   | 1 -               |                   |
| solc concave; heels wide, high   | 5                 |                   |
| Total  | 100               |                   |
| 10(81  | 100               |                   |

## Agricultural and Mechanical College of Texas.

| Scale of points. (Note.—The points as herein described are regarded as constituting   | Perfect        | Points o         | leficient.       |
|---|----------------|------------------|------------------|
| (NOTE.—) he points as never described are regarded as constituting perfection. The nature, extent, and importance of the defects presented are thus made apparent by contrast.) | score,<br>100. | Student's score. | Corrected score. |
|   | 7              | -                |                  |
| 1. Age, ————————————————————————————————————  |                |                  |                  |
| 2. General appearance—55 points: Weight — nounds: actual — nounds   |                |                  |                  |
| Height, 16 hands; estimated, — hands; actual, — hands.  | 2              |                  |                  |
| Weight, — pounds; actual, — pounds<br>Height, 16 hands; estimated, — hands; actual, — hands.<br>Conformation, symmetrical, smooth, stylish.                                     | 4              |                  |                  |
| Quality, bone clean, firm; tendons defined; hair and skin fine.   | 4              |                  |                  |
| Action, step smooth, long, active; trot rapid, straight, regular<br>Temperament, active; disposition good.  | 20             |                  |                  |
| 3. Head and neck—7 points:  |                |                  |                  |
| Head, lean, straight  | 1              |                  |                  |
| Muzzle, fine; nostrils large; lips thin, even; teeth sound<br>Eyes, full, bright, clear, large  | 1              |                  |                  |
| Forehead, broad, low  | 1              |                  |                  |
| Ears, size medium: pointed, well carried  | ī              |                  |                  |
| Neck, muscled; crest high; throatlatch fine; windpipe large   | 2              |                  |                  |
| 4. Fore quarters—19 points:   |                |                  |                  |
| Shoulder, long, smooth, oblique, extending into back  |                |                  |                  |
| Forearm, muscled, long, wide  | 2              |                  |                  |
| Forearm, muscled, long, wide<br>Knees, clean, wide, straight, deep, strongly supported<br>Cannons, short, wide; sinews, large set back  | 2<br>2<br>1    |                  |                  |
| Cannons, short, wide; sinews, large set back  | 2              |                  |                  |
| Fetlock, wide, straight Pasterns strong; angle with ground 45 degrees.  | 1 2            |                  |                  |
| Feet, size medium, even; horn dense; bars strong; sole concave;   | -              |                  |                  |
| heels wide, high  | 6              |                  |                  |
| 5. Body—10 points:  |                |                  |                  |
| Withers, muscled. Chest, deep, low; girth large   | 2              |                  |                  |
| Ribs, long, sprung, close   | 2 2            |                  |                  |
| Ribs, long, sprung, close<br>Back, straight, short, broad, muscled<br>Loiss, wide, short, thick   | 2              |                  |                  |
| Loins, wide, short, thick<br>Underline, long; flank let down  | 2              |                  |                  |
| 6 Hind quarters 21 points   | -              | ,                |                  |
| Hips, smooth, wide, level   | 2              |                  |                  |
| Croup, long, wide, muscular.  | 2              |                  |                  |
| Tail, attached high, well carried.  | 1              |                  |                  |
| Thighs, long, muscular, spread, open angled   | 1 2            |                  |                  |
| Quarters, heavily muscled, deep<br>Gaskins (or lower thighs), long, wide, muscular.   | 2 8            |                  |                  |
| Hocks, clearly defined, wide, straight  | 8              |                  |                  |
| Cannons, short, wide; sinews large, set back  | 2              |                  |                  |
| Fetlocks, wide, straight.   |                |                  |                  |
| Pasterns, strong, sloping<br>Feet, size medium, even; horn dense; frog large; bars strong;  | -              |                  |                  |
| sole concave; heels wide, high  | 6              |                  | *.               |
| Total   |                |                  |                  |
| 10tat   |                |                  |                  |

## Agricultural College of Utah.

|  |                | Score.     |            |
|--|----------------|------------|------------|
| Scale of points.   | Stand-<br>ard. | Student's. | Corrected. |
| General appearance:  |                |            |            |
| Age, as indicated by teeth, —  |                |            |            |
| Weight, estimated, — pounds; actual, — pounds  |                |            |            |
| Height, 16 hands; estimated, — hands; actual, — hands  | 2              |            |            |
| Quality bone clean firm: tendons defined; hair and skin fine   | 8              |            |            |
| Weight, estimated, — pounds; actual, — pounds<br>Height, 16 hands; estimated, — hands; actual, — hands<br>Form, type, —, symmetrical, smooth, stylish,<br>Quality, bone clean, firm; tendons defined; hair and skin fine.<br>Action, step smooth, long, active; trot rapid, straight, regular. | 8              |            |            |
| Temperament, active; disposition good  | -4             |            |            |
| Head and neck:   |                |            |            |
| Head, lean; face straight, wide between the eyes   | 1              |            |            |
| Muzzle, fine; nostrils large; lips thin, even; teeth sound<br>Eyes, full, bright, clear, large   | 1              |            |            |
| Forehead, broad, full  | 1              |            |            |
| Ears, size medium; pointed, well carried   | î              |            |            |
| Neck, muscled, symmetrical; crest high; throttle clean, fine;  |                |            |            |
| windpipe large   | 8              |            |            |
| Fore quarters:   | 0              |            |            |
| Shoulders, long, smooth, oblique, extending into back<br>Arm, short, thrown forward  | ٥<br>1         |            |            |
| Fore arm, muscled, long, wide.   | 9              |            |            |
| Knees, clean, wide in front, straight, deep, strongly supported.   | 2              |            |            |
| Cannons short, wide on the side: sinews large, set back  | 9.             |            |            |
| Fetlock, wide, straight<br>Pasterns, strong, fair length, sound, angle with the ground 45  | 1              |            |            |
| Pasterns, strong, fair length, sound, angle with the ground 45   |                |            |            |
| degrees<br>Feet, size medium, even; straight, squarely set; horn dense;  | 3              |            |            |
| frog large; bars strong; sole concave; heel wide, high   | 8              |            |            |
| Body;  | · ·            |            |            |
| Withers muscled  | 1              |            |            |
| Chest, deep, low; girth large, —— feet, —— inches<br>Ribs, long, sprung, close   | 3              |            |            |
| Ribs, long, sprung, close  | 2              |            |            |
| Back, straight, short, broad, muscled  | 2              |            |            |
| Loins, wide, short, thick.<br>Underline, long; flank let down  | 1              |            |            |
| Hind quarters;   |                |            |            |
| Hips, smooth, wide, level  | 2              |            |            |
| Croup, long, wide, muscular  | 2              |            |            |
| Tail, attached high, well carried.   | 1              |            |            |
| Thighs, long, muscular, spread, open angled<br>Quarters, heavily muscled, deep, broad  | 2              |            |            |
| Gaskins (or lower thighs) long wide muscular   | 9              |            |            |
| Gaskins (or lower thighs), long, wide, muscular.<br>Hocks, clearly defined, wide from side and in front, muscular,   | ~              |            |            |
| not too great an angle   | - 8            |            |            |
| Cannons, short, wide; sinews large, set back   | 2              |            |            |
| Fetlocks, wide, straight   | 1              |            |            |
| Pasterns, strong, sloping.   | 2              |            |            |
| Feet, medium, even size; horn dense; frog large, elastic; bars strong; sole concave; heels wide, high  | 6              |            |            |
| buong, sole concave, needs wide, nigh  | - 0            |            |            |
| Total  | 98             |            |            |
| Estimated market value   |                |            |            |
|  |                |            |            |

## Agricultural College of the University of Wisconsin.

|   | Possible    | Points d         | leficient. |
|---|-------------|------------------|------------|
| Scale of points,  | score.      | Student's score. | Corrected. |
|   |             |                  |            |
| Age, —<br>General appearance—28 points:   |             |                  |            |
| Weight pounds estual nounds   |             |                  |            |
| Weight, — pounds; actual — pounds.  Height, estimated, — hands; actual, — hands Form, type —; symmetrical, smooth, stylish.  Quality, bone clean, fine; tendons well defined; hair and skin | 9           |                  |            |
| Form type —: symmetrical smooth stylish   | - ã         |                  |            |
| Quality, bone clean, fine; tendons well defined; hair and skin  | •           |                  |            |
| nne   | 4           |                  |            |
| Action, step smooth, long, active; trot rapid, straight, regular  | 15          |                  |            |
| Temperament, active; disposition good   | 3           |                  |            |
| Head and neck-11 points:  |             |                  |            |
| Head, not too large, features well defined, regular   | 2           |                  |            |
| Eyes, full, bright, clear, large  | 1 2         |                  |            |
| Eyes, full, bright, clear, large  | 1           |                  |            |
| Forehead, broad, full Ears, size medium; pointed, well carried  | 1           |                  |            |
| Lower jaw angles wide: space clean  | 1           |                  |            |
| Lower jaw, angles wide; space clean<br>Neck, muscled, arched; throatlatch fine; windpipe large  | 3           |                  |            |
| Fore quarters—20 points:  | 0           |                  |            |
| Shoulder, long, smooth, oblique, extending into back  | 3           |                  |            |
| Shoulder, long, smooth, oblique, extending into back  |             |                  |            |
| body.  Forearm, well muscled, long, wide  Vacos clear wide straight deep strongly supported   | 1           |                  |            |
| Forearm, well muscled, long, wide   | $\bar{2}$   |                  |            |
|   | 2           |                  |            |
| Cannons, short, clean: tendons large, hard, set well back   | 2<br>2<br>1 |                  |            |
| Fetlocks, wide, straight, square  | 1           |                  |            |
| Pasterns, strong, lengthy, angle with ground 45 degrees   | 3           |                  |            |
| Feet, size medium, even; horn dense; frog large; bars strong;   | 6           |                  |            |
| sole concave; heel wide, not low  | 0           |                  |            |
| Withers, high, extending well back  | 1           |                  |            |
| Chèst, deep, low; girth large   | 1           |                  |            |
| Ribs deep well spring close   | 2           |                  |            |
| Ribs, deep, well sprung, close<br>Back, straight, short, broad, well muscled  | 2           |                  |            |
| Loins, wide, short, thick   | 2           |                  |            |
| Underline, long; flank narrow above, let well down  | ī           |                  |            |
| Hind quarters—31 points:  |             |                  |            |
| Hips, smooth, wide, level   | 2           |                  |            |
| Croup, long, wide, muscular, not drooping   | 3           |                  |            |
| Tail, attached high, well carried   | 1           |                  |            |
| Thighs, muscular, spread, open angled<br>Stifles, well muscled  | 3           |                  |            |
| Stines, well muscled  | 2<br>3<br>7 |                  |            |
| Gaskins (or lower thighs), long, broad, muscular  | 3           |                  |            |
| Hocks, clearly defined, wide, straight, deep  | 2           |                  |            |
| Fetlocks wide straight square   | 7           |                  |            |
| Pasterns strong oblique springy   | 3           |                  |            |
| Pasterns, strong, oblique, springy<br>Feet, size medium, even; horn dense; frog large, elastic; bars  |             |                  |            |
| strong; sole concave; heels wide  | 4           |                  |            |
|   |             |                  |            |
| Total   |             |                  |            |
| Estimated market value  |             |                  |            |
|   |             |                  |            |

#### DRAFT HORSES.

## The State Agricultural College of Colorado.

|  | Perfect | Parts de         | eficient.  |
|--|---------|------------------|------------|
| Scale of points for gelding.   | score.  | Student's score. | Corrected. |
| Age, —   |         |                  |            |
| Conoral apposance:   |         |                  |            |
| Height, estimated, — hands; actual, — hands  |         |                  |            |
| Height, estimated, — hands; actual, — hands. Weight, over 1,500 pounds; estimated — pounds; score according to age. Form, broad, massive, proportioned. Quality, bone smooth, hard; tendons lean; skin and hair fine                                 | .1      |                  |            |
| Form, broad, massive, proportioned   | â       |                  |            |
| Quality, bone smooth, hard; tendons lean; skin and hair fine   | 4       |                  |            |
|  |         |                  |            |
| Head and neck: Head, lean; size medium. Muzzle, fine; nostrils large; lips thin, even. Eves full bright clear  | 1       |                  |            |
| Muzzle, fine; nostrils large; lips thin, even  | 1       |                  |            |
| Eyes, full, bright, clear  | 1       |                  |            |
| Forehead, broad, full<br>Ears, size medium; well carried.<br>Neck, muscled; crest high; throat latch fine; windpipe large  | 1       |                  |            |
| Neck, muscled: crest high: throat latch fine: windpipe large   | î       |                  |            |
| fore quarters;   |         |                  |            |
| Shoulder, sloping, smooth, snug, extending into back   | 2       |                  |            |
| Arm, short, thrown back. Forearm, heavily muscled, long, wide.   | 9       |                  |            |
| Knees, wide, clean cut, straight, deep, strongly supported   | 2 2     |                  |            |
| Cannons, short, lean, wide; sinews large, set back   | 2       |                  |            |
| Fetlocks, wide, straight, strong   | 1       |                  |            |
| Pasterns, sloping, lengthy, strong.<br>Feet, size large, even; horn dense; sole concave; bars strong;  | 0       |                  |            |
| frog large, elastic; heel wide, one-half length of toe and verti-  |         |                  |            |
| cal to ground  | 8       |                  |            |
| Legs, viewed in front, a perpendicular line from the point of the  |         |                  |            |
| tern and foot: from the side a perpendicular line dropping   |         |                  |            |
| shoulder should fall upon the center of the knee, cannon, pas-<br>tern, and foot; from the side, a perpendicular line dropping<br>from the center of the elbow joint should fall upon the center<br>of the knee and pastern joints and back of hoof. |         |                  |            |
| of the knee and pastern joints and back of hoof  | 4       |                  |            |
| Body:<br>Chest, deep, wide, low; girth large   | 9       |                  |            |
| Ribs long close sprung   | 2       |                  |            |
| Ribs, long, close, sprung<br>Back, straight, short, broad, muscular  | 2 2     |                  |            |
| Loins, wide, short, thick, straight  | 2       |                  |            |
| Underline, flank low   | 1       |                  |            |
| Hine smooth wide   | 2       | l                |            |
| Croup, wide, muscular<br>Tail, attached high, well carried   | 2       |                  |            |
| Tail, attached high, well carried  | 1 2     |                  |            |
| Thighs, muscular   | 2       |                  |            |
| Quarters, deep, heavily muscled<br>Gaskins (or lower thighs), wide, muscled  | 2 2     |                  |            |
| Hocks clean out wide straight  | 2       |                  |            |
| Cannons, short, wide; sinews large, set back<br>Fetlocks, wide, straight, strong   | 2       |                  |            |
| Pasterns sloping strong lengthy  | 2       |                  |            |
| Pasterns, sloping, strong, lengthy.<br>Feet, size large, even; horn dense; dark color; sole concave;<br>bars strong; frog large, elastic; heel wide, one-half length of  | -       |                  |            |
| bars strong; frog large, elastic; heel wide, one-half length of  |         | 1                |            |
| to and vertical to ground.  Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the                            | 6       |                  |            |
| of the buttock should fall upon the center of the book cannon  |         |                  |            |
| pastern, and foot; from the side, a perpendicular line from the<br>hip joint should fall upon the center of the foot and divide the  |         |                  |            |
| hip joint should fall upon the center of the foot and divide the   |         |                  |            |
| gaskin in the middle, and a perpendicular line from the point<br>of the buttock should run parallel with the line of the cannon.   | 4       |                  |            |
| retion:  |         |                  |            |
| Walk, smooth, quick, long, balanced.<br>Trot, rapid, straight, regular   | 6       |                  |            |
| Trot, rapid, straight, regular   | 4       |                  |            |
| Total  | 100     |                  |            |
|  | 100     |                  |            |

## College of Agriculture of the University of Illinois.

| Age, estimated, —; actual, — General appearance—22 points:    Might, estimated, — hands; actual, — hands   |   |     |            |
|--|---|-----|------------|
| General appearance—22 points:  1. Height, estimated, — hands; actual, — hands  2. Weight, over 1.600 pounds; estimated, — pounds; actual, — pounds; soor according to age — 6  3. Form, broad, massive, proportioned. 4  4. Quality, bone smooth, hard; tendons lean; skin and hair fine. 4  4. Quality, bone smooth, hard; tendons lean; skin and hair fine. 8  Head and neck—8 points:  6. Head, lean; size medium — 2  7. Muzzle, fine; nostril large; lips thin, even — 1  8. Eyes, large, full, bright, clear — 2  9. Forehead, broad, full — 1  10. Ears, size medium; well carried. — 1  11. Neck, muscled; crest high; throatlatch fine; windpipe large. — 1  12. Shoulders, sloping, smooth, sung, extending into back — 3  13. Arm, short. — 1  14. Forearm, heavily muscled, long wide — 1  15. Forequarters—22 points: — 1  16. Cars, size large, even; horn dense; sole concave; bars strong; for large, elastic; heavide, one-half length of toe and vertical to ground — 1  19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of 4  Body—9 points: — 2  22. Back, straight, short, broad, muscular — 2  23. Loins, wide, short, thick, straight — 2  24. Underline, flank low — 1  Hind quarters—29 points: — 2  25. Hips, smooth, wide: sinews large, set back — 2  26. Croup, long, wide, muscular — 2  27. Tall, attached high, well carried — 1  28. Quarters, deep, heavily muscled, thighs muscular — 2  29. Tall, attached high, well carried — 1  20. Chest, deep, heavily muscled, thighs muscular — 2  21. Underline, flank low — 1  22. Pasterns, moderately sloping, strong, medium l | Scale of points.  |     | Corrected. |
| General appearance—22 points:  1. Height, estimated, — hands; actual, — hands  2. Weight, over 1.600 pounds; estimated, — pounds; actual, — pounds; soor according to age — 6  3. Form, broad, massive, proportioned. 4  4. Quality, bone smooth, hard; tendons lean; skin and hair fine. 4  4. Quality, bone smooth, hard; tendons lean; skin and hair fine. 8  Head and neck—8 points:  6. Head, lean; size medium — 2  7. Muzzle, fine; nostril large; lips thin, even — 1  8. Eyes, large, full, bright, clear — 2  9. Forehead, broad, full — 1  10. Ears, size medium; well carried. — 1  11. Neck, muscled; crest high; throatlatch fine; windpipe large. — 1  12. Shoulders, sloping, smooth, sung, extending into back — 3  13. Arm, short. — 1  14. Forearm, heavily muscled, long wide — 1  15. Forequarters—22 points: — 1  16. Cars, size large, even; horn dense; sole concave; bars strong; for large, elastic; heavide, one-half length of toe and vertical to ground — 1  19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of 4  Body—9 points: — 2  22. Back, straight, short, broad, muscular — 2  23. Loins, wide, short, thick, straight — 2  24. Underline, flank low — 1  Hind quarters—29 points: — 2  25. Hips, smooth, wide: sinews large, set back — 2  26. Croup, long, wide, muscular — 2  27. Tall, attached high, well carried — 1  28. Quarters, deep, heavily muscled, thighs muscular — 2  29. Tall, attached high, well carried — 1  20. Chest, deep, heavily muscled, thighs muscular — 2  21. Underline, flank low — 1  22. Pasterns, moderately sloping, strong, medium l | Age estimated actual  |     |            |
| 3. Form, broad, massive, proportioned. 4. Quality, bone smooth, hard; tendons lean; skin and hair fine. 5. Temperament, energetic disposition good. 4 Head and neck—8 points: 6. Head, lean; size medium. 7. Massie, there, moril large: lips thin, even. 7. Massie, there, and bright, clear. 7. State, there, and bright, clear. 7. State, large, and bright, clear. 7. State, large, and bright, clear. 7. State, muscled; crest high; throatlatch fine; windpipe large. 1. Shoulders, sloping, smooth, snug, extending into back. 1. State, muscled; crest high; throatlatch fine; windpipe large. 1. Shoulders, sloping, smooth, snug, extending into back. 1. Arm, short. 1. Fore quarters—22 points: 1. Shoulders, sloping, smooth, snug, extending into back. 1. Forearm, heavily muscled, long, wide. 1. Forearm, heavily muscled, long, wide, long, girth large, set back. 1. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic, heel wide, one-half length of toe and the shoulder should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow, long, should fall upon the center of the elhow, long, should fall upon the center of the long, long, long, given, medium length; fetlow, long, should fall upon the center of the hook, cannon, pastern, and foot; from the side, a perpendicular lin | General appearance—22 points:   |     | <br>       |
| 3. Form, broad, massive, proportioned. 4. Quality, bone smooth, hard; tendons lean; skin and hair fine. 5. Temperament, energetic disposition good. 4 Head and neck—8 points: 6. Head, lean; size medium. 7. Massie, there, moril large: lips thin, even. 7. Massie, there, and bright, clear. 7. State, there, and bright, clear. 7. State, large, and bright, clear. 7. State, large, and bright, clear. 7. State, muscled; crest high; throatlatch fine; windpipe large. 1. Shoulders, sloping, smooth, snug, extending into back. 1. State, muscled; crest high; throatlatch fine; windpipe large. 1. Shoulders, sloping, smooth, snug, extending into back. 1. Arm, short. 1. Fore quarters—22 points: 1. Shoulders, sloping, smooth, snug, extending into back. 1. Forearm, heavily muscled, long, wide. 1. Forearm, heavily muscled, long, wide, long, girth large, set back. 1. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic, heel wide, one-half length of toe and the shoulder should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow joint should fall upon the center of the elhow, long, should fall upon the center of the elhow, long, should fall upon the center of the long, long, long, given, medium length; fetlow, long, should fall upon the center of the hook, cannon, pastern, and foot; from the side, a perpendicular lin | 1. Height, estimated, — hands; actual, — hands  |     | <br>       |
| 3. Form, broad, massive, proportioned. 4. Quality, bone smooth, hard; tendons lean; skin and hair fine. 5. Temperament, energetic disposition good. 4 Head and neek—S points. 6. Head, lean; size medium. 7. Muzzle, fine; nostril large: lips thin, even. 8. Size medium; well carried. 9. Forehead, broad, full. 10. Ears, size medium; well carried. 11. Neck, muscled; crest high; throatlatch fine; windpipe large. 15. Fore quarters—22 points: 12. Shoulders, sloping, smooth, snug, extending into back. 13. Arm, short. 14. Forearm, heavily muscled, long, wide. 15. Knees, wide, clean cut, straight, deep, strongly supported. 16. Cannons, short, lean, wide; sinews large, set back. 17. Pasterns, moderately sloping, medium length, strong; fet. 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of hoof.  18. Body—9 but, deep, wide, low; girth large. 20. Distillation of the side, a perpendicular line dropping from the center of the should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of hoof.  18. Body—9 but, deep, wide, low; girth large. 22. Back, straight, short, broad, muscular. 22. Loins, wide, short, thick, straight. 24. Underline, flank low. 25. Hips, smooth, wide. 26. Group, long, wide, muscular. 27. Tall, attached high, well carried. 28. Quarters, deep, heavily muscled, thighs muscular. 29. Gaskins or lower thighs), wide, well muscled. 20. Distillation of the size of the straight. 21. Pasterns, moderately sloping, strong, medium length; fetlocks wide straight. 28. Fets, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half lengt | 2. Weight, over 1,000 pounds; estimated, — pounds; actual, — pounds; score according to age | 6   |            |
| Head and neck—Spoints: 6. Head, lean; size medium. 7. Muzzle, fine; nostril large; lips thin, even. 1. S. Eyes large, full, bright, clear. 9. Forehead, broad, full. 10. Ears, size medium; well carrier. 11. Carrier. 12. Shoulders, sloping, smooth, snug, extending into back. 12. Arm, short. 14. Foreau, heavily muscled, long, wide. 15. Knees, wide, clean cut, straight, deep, strongly supported. 16. Cannons, short, lean, wide; sinews large, set back. 17. Pasterns, moderately sloping, medium length, strong; fet-locks wide, straight. 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heal wide, one-half length of toe and vertical to ground. 19. Less, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the clebow joint should fall upon the center of the cleb | 3. Form, broad, massive, proportioned.  | 4   |            |
| Head and neck—Spoints: 6. Head, lean; size medium. 7. Muzzle, fine; nostril large; lips thin, even. 1. S. Eyes large, full, bright, clear. 9. Forehead, broad, full. 10. Ears, size medium; well carrier. 11. Carrier. 12. Shoulders, sloping, smooth, snug, extending into back. 12. Arm, short. 14. Foreau, heavily muscled, long, wide. 15. Knees, wide, clean cut, straight, deep, strongly supported. 16. Cannons, short, lean, wide; sinews large, set back. 17. Pasterns, moderately sloping, medium length, strong; fet-locks wide, straight. 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heal wide, one-half length of toe and vertical to ground. 19. Less, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the clebow joint should fall upon the center of the cleb | 4. Quality, bone smooth, hard; tendons lean; skin and hair fine.                            | 8   | <br>       |
| 6. Head, lean; size medium. 7. Muzzle, fine; nostril large; lips thin, even. 8. Eyes, large, full, bright, clear. 9. Forehead, broad, full. 10. Ears, size medium; well carried. 11. Neck, muscled; crest high; throatlatch fine; windpipe large. 11. Seek, muscled; crest high; throatlatch fine; windpipe large. 12. Shoulders, sloping, smooth, snug, extending into back. 13. Arm, short. 14. Forequarters—22 points: 12. Shoulders, sloping, smooth, snug, extending into back. 13. Arm, short. 14. Forearm, he clien cut, straight, deep, strongly supported. 15. Cannons, short, lean, wide; sinews large, set back. 16. Cannons, short, lean, wide; sinews large, set back. 17. Pasterns, moderately sloping, medium length, strong; fet-locks wide, straight. 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elhow joint should fall upon the center of the knee and pastern joints and back of hoof.  18. Body—9 points: 20. Chest, deep, wide, low; girth large. 21. Ribs, long; close, sprung. 22. Back, straight, short, broad, muscular. 23. Uncertine, a label title, straight. 24. Uncertine, a label title, straight. 25. Hips, smooth, wide. 26. Cronp, long, wide, muscular. 27. Tail, attached high, well carried. 28. Quarters, deep, heavily muscled, thighs muscular. 49. Gaskins (or lower thighs), wide, well muscled. 50. Hocks, clean cut, wide, straight. 51. Cannons, short, wide; sinews large, set back. 52. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight. 53. Walk, slean high, well carried. 54. Cannons, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttoc | Head and neck—8 points:   | 4   | <br>       |
| 8. Eyes, large, full, bright, clear 9. Forehead, broad, full 1 10. Ears, size medium; well carried 1 11. Neck, muscled; crest high, throatlatch fine; windpipe large 1 11. Seek, muscled; crest high, throatlatch fine; windpipe large 1 12. Shoulders, sloping, smooth, snug, extending into back 3 13. Arm, short. 1 14. Foreaum, heavily muscled, long, wide 1 15. Knees, wide, clean cut, straight, deep, strongly supported 2 16. Cannons, short, lean, wide; sinews large, set back 2 17. Full, straight 1 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground 1 19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the kee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the show joint should fall upon the center of the kee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the show joint should fall upon the center of the kee and pastern joints and back of hoof. 4  Body-9-points: 2 2. Back, straight, short, broad, muscular 2 2. Loins, wide short, thick, straight 2 2. Hips, smooth, wide. 2 2. Hips, smooth, wide. 2 2. Hips, smooth, wide. 3 2. Hyps, smooth, wide. 3 2. Hyps, smooth, wide. 4 2. Gaskins (or lower thighs), wide, well muscled. 5 3. Hoek, clean cut, wide, straight. 6 3. Cannons, short, wide; sinews large, set back. 2 2. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight. 3 3. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 4 4. Legs, viewed from behind, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 4. Legs, viewed from behind, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 4. Legs, viewed from behind, a perpendicular line from the point of the buttock should run pa | 6. Head, lean; size medium  |     | <br>       |
| 10. Ears, size medium; well carried. 11. Neck, muscled; crest high; throatlatch fine; windpipe large. 12. Shoulders, sloping, smooth, snug, extending into back. 13. Arm, short. 14. Forequarters—22 points: 15. Heart, short, should fall point with the billion of the shoulder should fall points. 16. Camnons, short, lean, wide; sinews large, set back. 17. Pasterns, moderately sloping, medium length, strong; fet-locks wide, straight. 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the kene, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the kene and pastern joints and back of hoof.  10. Legs, wiewed, low; girth large. 21. Ribs, long, close, sprung. 22. Back, straight, short, broad, muscular. 23. Line with short, thick, straight. 24. Line with short, little, straight. 25. Hips, smooth, wide. 26. Cronp, long, wide, muscular. 27. Tail, attached high, well carried. 28. Quarters, deep, heavily muscled, thighs muscular. 29. Gaskins (or lower thighs), wide, well muscled. 30. Hocks, clean cut, wide, straight. 31. Cannons, short, wide; shews large, set back. 32. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight. 33. Walk, steal past, even; horn dense; sole concave; bars strong; frog large, clastic; heel wide, one-half length of toe and vertical to ground. 34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 Action—10 points: 4 United States and the straight. 4 Legs, viewed from behind, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 Legs, view | 7. Muzzle, fine; nostril large; lips thin, even   | 1   | <br>       |
| 10. Ears, size medium; well carried. 11. Neck, muscled; crest high; throatlatch fine; windpipe large. 12. Shoulders, sloping, smooth, snug, extending into back. 13. Arm, short. 14. Forequarters—22 points: 15. Heart, short, should fall point with the billion of the shoulder should fall points. 16. Camnons, short, lean, wide; sinews large, set back. 17. Pasterns, moderately sloping, medium length, strong; fet-locks wide, straight. 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the kene, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the kene and pastern joints and back of hoof.  10. Legs, wiewed, low; girth large. 21. Ribs, long, close, sprung. 22. Back, straight, short, broad, muscular. 23. Line with short, thick, straight. 24. Line with short, little, straight. 25. Hips, smooth, wide. 26. Cronp, long, wide, muscular. 27. Tail, attached high, well carried. 28. Quarters, deep, heavily muscled, thighs muscular. 29. Gaskins (or lower thighs), wide, well muscled. 30. Hocks, clean cut, wide, straight. 31. Cannons, short, wide; shews large, set back. 32. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight. 33. Walk, steal past, even; horn dense; sole concave; bars strong; frog large, clastic; heel wide, one-half length of toe and vertical to ground. 34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 Action—10 points: 4 United States and the straight. 4 Legs, viewed from behind, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 Legs, view | 8. Eyes, large, full, bright, clear   | 1   | <br>       |
| 11. Neck, muscled; crest high; throatlatch fine; windpipe large. 12. Shoulders, sloping; smooth, sung, extending into back. 13. Arm, short. 14. Forearm, heavily muscled, long, wide. 15. Knees, wide, clean cut, straight, deep, strongly supported. 16. Cambons, short, lean, wide; sinews large, sex day. 16. Cambons, short, lean, wide; sinews large, sex day. 17. Jocks wide, straight, deep, strongly supported. 18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of hoof. 19. Cleas, wide, low; girth large. 20. Chest, deep, wide, low; girth large. 21. Ribs, long, close, sprung. 22. Back, straight, short, broad, muscular. 22. Loins, wide, short, thick, straight. 22. Underline, flank low. 23. Loins, wide, short, thick, straight. 24. Underline, flank low. 25. Hips, smooth, wide. 26. Croup, long, wide, muscular. 27. Tall, attached high, well carried. 28. Quarters, deep, heavily muscled, thighs muscular. 29. Gaskins of lower thighs), wide, well muscled. 30. Chest, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground. 34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point o | 10. Ears, size medium; well carried   | 1   | <br>       |
| 12. Shoulders, sloping, smooth, snug, extending into back.  13. Arm, short.  14. Forearm, heavily muscled, long, wide.  15. Knees, wide, clean cut, straight, deep, strongly supported.  26. Cannons, short, lean, wide; sinews large, set back.  17. Pasterns, moderately sloping, medium length, strong; fetters and straight, straight, deep, strongly supported.  27. Feek's with straight, some slope concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of hoof.  19. One-points:  20. Body—points:  21. Ribs, long, close, sprung.  22. Back, straight, short, broad, muscular.  23. Loins, wide, short, thick, straight.  24. Underline, flank low.  15. Hind quarters—29 points:  25. Hips, smooth, wide.  26. Group, long, wide, muscular.  27. Tall, attached high, well carried.  28. Quarters, deep, heavily muscled, thighs muscular.  29. Gaskins or lower thighs), wide, well muscled.  20. Hocks, clean cut, wide, straight, strong, medium length; fetlocks wide, straight.  28. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight.  29. Gaskins or lower thighs, wide, well muscled.  20. Lose, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with a from the point of the buttock should run parallel with a from the point of the buttock should run parallel with a from the point of the buttock should run parallel with a from the point of the buttock should run parallel with a from the point of the buttock should run parallel with a from the point of the buttock should run parallel with a from the common.  | 11. Neck, muscled; crest high; throatlatch fine; windpipe large.                            | 1   |            |
| 13. Arm, short.  14. Forearm, heavily muscled, long, wide  15. Knees, wide, clean cut, straight, deep, strongly supported.  2 16. Cannons, short, lean, wide; sinews large, set back.  2 17. Pasterns, moderately sloping, medium length, strong; fet-locks wide, straight.  18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, clastic; heal wide, one-half length of toe and vertical to ground.  19. Legs, shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the should fall upon the center of the elbow joint should fall upon the center of the look, straight, short, broad, muscular  2 2. Back, straight, short, broad, muscular  2 2. Underline, flank low  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 19 Shoulders sloping smooth sping extending into back                                       | 9   |            |
| 16. Cambons, short, lean, wide; sinews large, set back.  17. Peters in defect of the short of the shoulder should fall upon the center of the shoulder should fall upon the center of the should rather of the shoulder should fall upon the center of the should fall upon the should fall upon the center of the should fall upon the cen | 13. Arm, short.   |     | <br>       |
| 16. Cambons, short, lean, wide; sinews large, set back.  17. Peters in defect of the short of the shoulder should fall upon the center of the shoulder should fall upon the center of the should rather of the shoulder should fall upon the center of the should fall upon the should fall upon the center of the should fall upon the cen | 14. Forearm, heavily muscled, long, wide  | 2   | <br>       |
| 17. Pasterns, moderately sloping, medium length, strong; fet- locks wide, straight.  18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, can- non, pastern, and foot; from the side, a perpendicular line dropping from the center of the hee, perpendicular line dropping from the center of the elbow joint should fall born the center of the knee and pastern joints and back of lood the center of the knee and pastern joints and back of lood the center of the knee and pastern joints and back of lood the center of the knee and pastern joints and back of lood the center of the knee and pastern joints and back of lood the center of the knee and pastern joints and back of lood the center of the knee, can- non, pastern, short, broad, muscular  2 2. Back, straight, short, broad, muscular 2 2. Loins, wide, short, thick, straight 2 2. Hips, smooth, wide 2 3. Hots, smooth, wide 2 3. Hots, clean cut, wide, straight 3 4. Cannons, short, wide; sinewslarge, est back 3 5. Pasterns, moderately sloping, strong, medium length; fet- locks wide, straight 3 6. Seet, size large, even; horn dense; sole concave; barsstrong; frog large, elastic; heel wide, one-half length of toe and vertical to ground 4 4. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the hock and divide the gaskin in the middle; and a perpendicular line from the hip joint should mid parallel with the line of the cannon.  4 2. Lood the cannon and the cannon.  4 3. Walk, smooth, quick, long, balanced 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6                             | 15. Knees, wide, clean cut, straight, deep, strongly supported                              |     | <br>       |
| locks wide, straight.  18. Feet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hold sold upon the center of the elbow joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the show joint should fall upon the center of the lock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fall upon the center of the hock, can of the should fal | 17. Pasterns, moderately sloping, medium length, strong; fet-                               | -   | <br>       |
| frog large, elastic; heel wide, one-half length of toe and vertical to ground.  19. Legs, viewed in front, a perpendicular line irom the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the knee and pastern joints and back of holds.  Body—9 points.  20. Body—10 points.  21. Ribs, long, close, sprung  | locks wide, straight.   | 2   | <br>       |
| vertical to ground  19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the knee and pastern joints and back of the properties of the knee and pastern joints and back of the properties of the knee and pastern joints and back of the properties of the knee and pastern joints and back of the properties of the knee and pastern joints and back of the properties of the knee and pastern joints and back of the properties of the prope | 18. Feet, size large, even; horn dense; sole concave; bars strong;                          |     |            |
| 19. Legs, viewed in front, a perpendicular line from the point of the shoulder should fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  Body—9 points:  20. Chest, deep, wide, low; girth large.  21. Ribs, long, close, sprung.  22. Back, straight, short, broad, muscular.  23. Loins, wide, short, thick, straight.  24. Loins, wide, short, thick, straight.  25. Hips, smooth, wide.  26. Croup, long, wide, muscular.  27. Tail, attached high, well carried.  28. Quarters, deep, heavily muscled, thighs muscular.  29. Gaskins (or lower thighs), wide, well muscled.  20. Hocks, clean cut, wide, straight.  30. Hocks, clean cut, wide, straight.  31. Cannons, short, wide; shews large, set back.  32. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight.  33. Set, size large, even; horn dense; sole concave; barsstrong; frog large, clastic; heel wide, one-half length of toe and vertical to ground.  34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  4. Action—10 points:  35. Walk, smooth, quick, long, balanced.  36. Trot, rapid, straight.  4  | vertical to ground  | 6   | <br>       |
| non, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon the center of the knee and pastern joints and back of hoof.  Body—9 points:  20. Chest, deep, wide, low; girth large.  21. Ribs, long, close, sprung.  22. Loins, wide short, thick, straight.  23. Loins, wide short, thick, straight.  24. Loins, wide short, thick, straight.  25. Hips, smooth, wide.  26. Froup, long, wide, muscular.  27. Tail, attached high, well carried.  28. Quarters, deep, heavily muscled, thighs muscular.  29. Gaskins (or lower thighs), wide, well muscled.  20. Hoeks, clean cut, wide, straight.  30. Hoeks, clean cut, wide, straight.  31. Cannons, short, wide; shews large, set back.  32. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight.  33. Seet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  4. Action—10 points:  35. Walk, smooth, quick, long, balanced.  4 better of the bottock should run parallel with the line of the cannon.  4 cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  4 cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon.   | 19. Legs, viewed in front, a perpendicular line from the point of                           |     |            |
| dropping from the center of the lebow joint should fall upon the center of the knee and pastern joints and back of hoof.  Body—9 points:  20. Chest, deep, wide, low; girth large.  21. Ribs, long, close, sprung.  22. Back, straight, short, broad, muscular  22. Londerline, flank low  1 Hind quarters—29 points:  25. Hips, smooth, wide.  26. Croup, long, wide, muscular  27. Tall, attached high, well carried.  28. Quarters, deep, heavily muscled, thighs muscular.  29. Gaskins for lower thighs), wide, well muscled.  20. Gaskins for lower thighs), wide, well muscled.  21. Cannons, short, wide, straight.  22. Cannons, short, wide, straight.  23. Pasterns, moderately sloping, strong, medium length; fethers becks wide, straight.  29. Cannons, short, wide, straight.  20. Cannons, short, wide, straight.  20. Cannons, short, wide, straight.  21. Cannons, short, wide, straight.  22. Cannons, short, wide, straight.  23. Pasterns, moderately sloping, strong, medium length; fethers with the line of the experiment of the book cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should fall upon the center of the hock cannon, pastern, and foot; from the side, a perpendicular line from the pint of the buttock should fall upon the center of the hock cannon, pastern, and foot; from the side, a perpendicular line from the pint of the buttock should run parallel with the line of the cannon.  4 Action—10 points:  35. Walk, smooth, quick, long, balanced.  4 Cannon, rapid, straight.   | the shoulder should fall upon the center of the knee, can-                                  |     |            |
| Body - Doints:   2   | dropping from the center of the elbow joint should fall                                     |     |            |
| Body   | upon the center of the knee and pastern joints and back of                                  |     |            |
| 20. Chest, deep, wide, low; girth large  |   | 4   | <br>       |
| 21. Ribs, long, close, sprung.   2   22. Back, straight, short, broad, muscular   2   2   22. Loins, wide, short, thick, straight   2   2   24. Underline, flank low   1   1   1   1   1   2   2   24. Underline, flank low   1   1   25. Hips, smooth, wide   2   2   2   2   2   2   2   2   2   | 20. Chest deep, wide low; girth large   | 2   |            |
| 22. Back, straight, short, broad, muscular   2   22. Loins, wide, short, thick, straight   2   2   24. Underline, flank low  | 21. Ribs long close spring  | 2   |            |
| 24. Underline, flank low   | 22. Back, straight, short, broad, muscular  | 2   |            |
| 25. Hips, smooth, wide. 26. Group, long, wide, muscular 27. Tall, attached high, well carried 28. Quarters, deep, heavily muscled, thighs muscular 49. Gaskins (or lower thighs), wide, well muscled. 29. Gaskins (or lower thighs), wide, well muscled. 20. Hocks, clean cut, wide, straight. 21. Cannons, short, wide; wide, will muscled. 22. Pasterus, moderately sloping, strong, medium length; fetlocks wide, straight. 23. Peat; kize large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to grow behind, a perpendicular fine from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 Action—10 points: 35. Walk, smooth, quick, long, balanced. 4 6 36. Trot, rapid, straight. 4   | 23. Loins, wide, short, thick, straight   |     | <br>       |
| 25. Hips, smooth, wide. 26. Group, long, wide, muscular 27. Tall, attached high, well carried 28. Quarters, deep, heavily muscled, thighs muscular 49. Gaskins (or lower thighs), wide, well muscled. 29. Gaskins (or lower thighs), wide, well muscled. 20. Hocks, clean cut, wide, straight. 21. Cannons, short, wide; wide, will muscled. 22. Pasterus, moderately sloping, strong, medium length; fetlocks wide, straight. 23. Peat; kize large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to grow behind, a perpendicular fine from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 Action—10 points: 35. Walk, smooth, quick, long, balanced. 4 6 36. Trot, rapid, straight. 4   | Hind quarters—29 points:  | _   | <br>       |
| 27. Tail, attached high, well carried 28. Quarters, deep, heavily muscled, thighs muscular. 4 29. Gaskins (or lower thighs), wide, well muscled. 30. Hocks, clean cut, wide, straight. 31. Cannons, short, wide; sinews large, set back. 32. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight. 33. Feet, size large, even; horn dense; sole concave; barsstrong; frog large, clastic; heel wide, one-half length of toe and vertical to ground. 34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4. Action—10 points: 35. Walk, smooth, quick, long, balanced. 36. Trot, rapid, straight. 4   | 25. Hips, smooth, wide  | 2   | <br>       |
| 28. Quarters, deep, heavily muscled, thighs muscular. 29. Gaskins or lower thighs), wide, well muscled. 21. Cannons, short, wide, sine wise, set back. 22. 32. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight. 23. Feet, size large, even; horn dense; sole concave; barsstrong frog large, elastic; heel wide, one-half length of toe and vertical to ground. 34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  4. Action—10 points: 35. Walk, smooth, quick, long, balanced. 36. Trot, rapid, straight. 4  | 26. Croup, long, Wide, muscular   | 1   |            |
| 29. Gaskins (or lower thighs), wide, well muscled. 2 30. Hocks, clean cut, wide, straight. 6 31. Cannons, short, wide; sinews large, set back 2 22. Pasterns, moderately sloping, strong, medium length; fetlocks wide, straight. 2 33. Peet, size large, even; horn dense; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground ehind, a perpendicular line from the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4 Action—10 points: 35. Walk, smooth, quick, long, balanced. 6 36. Trot, rapid, straight. 4   | 28. Quarters, deep, heavily muscled, thighs muscular  | 4   |            |
| 31. Cannons, short, wide; sinews large, set back.  32. Pasterus, moderately sloping, strong, medium length; fetlocks wide, straight.  33. Feet, size large, even; horn dense; sole concave; barsstrong; frog large, elastic; heel wide, one-half length of toe and vertical to ground.  34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and did to the gaskin in the middle; and a perpendicular the line of the cannon.  4 Action—10 points:  35. Walk, smooth, quick, long, balanced.  6 36. Trot, rapid, straight.  | 29. Gaskins (or lower thighs), wide, well muscled   |     | <br>       |
| locks wide, straight.  3. Feet, size large, even; horn dense; sole concave; barsstrong; frog large, elastic; heel wide, one-half length of toe and vertical to ground hind, a perpendicular line from the point of the buttock should fall upon the center of the book, cannon, pastern, and foot, from the side, a perpendicular and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  4 Action—10 points:  35. Walk, smooth, quick, long, balanced.  6 36. Trot, rapid, straight.  | 30. Hocks, clean cut, wide, straight.   |     | <br>       |
| locks wide, straight.  3. Feet, size large, even; horn dense; sole concave; barsstrong; frog large, elastic; heel wide, one-half length of toe and vertical to ground hind, a perpendicular line from the point of the buttock should fall upon the center of the book, cannon, pastern, and foot, from the side, a perpendicular and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  4 Action—10 points:  35. Walk, smooth, quick, long, balanced.  6 36. Trot, rapid, straight.  | 32. Pasterns, moderately sloping, strong, medium length; fet-                               | -   | <br>       |
| frog large, elastic; heel wide, one-half length of toe and vertical to ground.  34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular the line the behind of the buttock should run parallel with 4. Action—10 points.  35. Walk, smooth, quick, long, balanced.  36. Trot, rapid, straight.  | locks wide, straight  | 2   | <br>       |
| vertical to ground  34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon.  4 Action—10 points:  35. Walk, smooth, quick, long, balanced.  6 36. Trot, rapid, straight.  4   | 33. Feet, size large, even; from dense; sole concave; bars strong;                          |     |            |
| 34. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the cannon.  4 Action—10 points 35. Walk, smooth, quick, long, balanced. 6 36. Trot, rapid, straight. 4   | vertical to ground  | 4   | <br>       |
| cannon, pastern, and root; from the side, a perpendicular line from the hip joint should fail upon the center of the foot and divide the gaskin in the middle; and a perpendicular line man the point of the buttock should run parallel with the cannon.  4 Action—10 points: 35. Walk, smooth, quick, long, balanced. 6 36. Trot, rapid, straight. 4   | 34. Legs, viewed from behind, a perpendicular line from the                                 |     |            |
| If a from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4  Action—10 points: 4  35. Walk, smooth, quick, long, balanced. 6  36. Trot, rapid, straight. 4  | point of the buttock should fall upon the center of the hock,                               |     |            |
| and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. 4  Action—10 points: 35. Walk, smooth, quick, long, balanced. 6 36. Trot, rapid, straight 4   | line from the hip joint should fall upon the center of the foot                             |     |            |
| the line of the cannon 4 Action—10 points:  35. Walk, smooth, quick, long, balanced. 6 36. Trot, rapid, straight 4   | and divide the gaskin in the middle; and a perpendicular                                    |     |            |
| Action—10 points:  35. Walk, smooth, quick, long, balanced.  6 36. Trot, rapid, straight.  6 4   | line from the point of the buttock should run parallel with                                 | 1   |            |
| 35. Walk, smooth, quick, long, balanced.       6         36. Trot, rapid, straight.       4  | Action—10 points:   | 4   | <br>       |
|  | 35. Walk, smooth, quick, long, balanced   |     | <br>       |
| Total  | 36. Trot, rapid, straight   | 4   | <br>       |
|  | Total   | 100 | <br>       |
|  |   |     |            |

#### School of Agriculture of Purdue University.

Same as the Illinois card (see p. 27) for draft horses, with the following exceptions: Under arm, read "short, thrown back;" under pastern, read "sloping, lengthy, strong; fetlocks wide, straight;" under gaskins, read "wide, muscled;" under hind pasterns, read "sloping, lengthy; fetlocks wide, straight;" under action, read "trot rapid, straight, regular."

#### Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points for gelding.   | Perfec<br>score. |
|--|------------------|
| 1. Age —   |                  |
| eneral appearance:   |                  |
| 2. Height — hands  |                  |
| Height — hands     Weight, over 1,500 pounds, — pounds; score according to age     Form, broad, massive, low set, proportioned   |                  |
| 5. Quality, bone clean, yet indicating sufficient substance; tendons distinct; skin and  |                  |
| hair fine  |                  |
| hair fine 6. Temperament, energetic; disposition good  |                  |
| lead and neck:   |                  |
| 7. Head, lean; size medium   |                  |
| 8. Muzzle, fine; nostrils large; lips thin, even   |                  |
| 10 Forehead broad full   |                  |
| 11. Ears, size medium; well carried 12. Neck, muscled; crest high; throatlatch fine; windpipe large.   |                  |
| 12. Neck, muscled; crest high; throatlatch fine; windpipe large  |                  |
| ore quarters:  |                  |
| 13. Shoulders, sloping, smooth, snug, extending into back.   |                  |
| 14. Arm, short, thrown forward   |                  |
| 15. Forearm, heavily muscled, long, wide.<br>16. Knees, wide, clean cut, straight, deep, strongly supported  |                  |
| 17. Cannons, short, lean, wide; sincws large, set back   |                  |
| 18. Fetlocks, wide, straight, strong   |                  |
| 19. Pasterns, sloping, lengthy, strong<br>20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong;   |                  |
| 20. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong;   |                  |
| frog large, elastic; heel wide, high, one-half length of toe.  |                  |
| 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should  |                  |
| fall upon the center of the knee, cannon, pastern, and foot; from the side, a perpendicular line dropping from the center of the elbow joint should fall upon  |                  |
| the center of the knee and pastern joints and back of hoof.  |                  |
| ody:   |                  |
| 22. Chest, deep, wide, low; girth large.   |                  |
| 23. Ribs, long, close, sprung  |                  |
| 23. Ribs, long, close, sprung<br>24. Back, straight, short, broad<br>25. Loin, wide, short, thick, straight  |                  |
| 26. Underline, flank, low  |                  |
| Lind quarters:   |                  |
| 27. Hips, smooth, wide   |                  |
| 28. Croup, long, wide, muscular<br>29. Tail, attached high, well carried   |                  |
| 29. Tail, attached high, well carried  |                  |
| 30. Thighs, muscular   |                  |
| 31. Quarters, deep, heavily muscled<br>32. Gaskins (or lower thighs), wide, muscled  |                  |
| 33. Hocks, clean cut, wide, straight   |                  |
| 34. Cannons, short, wide; sinews large, set back   |                  |
| 35. Fetlocks, Wide, straight, strong   |                  |
| 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong;   |                  |
| 37. Feet, size large, even; straight; horn dense, color dark; sole concave; bars strong;   |                  |
|  |                  |
| frog large, elastic; hecl wide, high, one-half length of toe   |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should  |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hin joint should fall upon the center of the foot and  |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hin joint should fall upon the center of the foot and  |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon  |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a perpendicular line from the hip joint should fall upon the center of the foot and divide the gaskin in the middle; and a perpendicular line from the point of the buttock should run parallel with the line of the cannon. |                  |

#### Kansas State Agricultural College.

Same as the Colorado card (see p. 26), with the omission of "age" and "height" and the omission of the term "muscular" under "back."

## Maryland Agricultural College.

| Scale of points for —— (sex).   | Perfect<br>score.                              | Student's score.                        | Corrected. |
|---|--|---|------------|
| General characters:   |  |   |            |
| Age, student's estimate, —; corrected, —<br>Height, estimated, — hands; actual, — hands   | 2  | • |            |
| Height, estimated, — nands; actual, — nands   | 3  |   |            |
| Weight, 1,500 pounds or over; estimated at — pounds<br>Form, broad, massive, proportioned   | 4  |   |            |
| Quality, bones smooth, hard; tendons lean; skin fine  | 5  |   |            |
| Temperament, energetic; disposition good  | 8  |   |            |
|   | 25   |   |            |
|   | 20   |   |            |
| Head and neck:  |  |   |            |
| Head, lean, shapely: size medium  | 1  |   |            |
| Muzzle, fine: nostril large, lips thin, even  | 1  |   |            |
| Eyes, full, bright, clear<br>Forehead, broad, full, flat  | 1  |   |            |
| Forehead, broad, full, flat   | 1  |   |            |
| Ears, size medium; carried well.  Neck, muscled; crest high; windpipe large; throatlatch fine   | $\frac{1}{2}$                                  |   |            |
| Neck, muscied; crest nigh; windpipe large; throatlatch line   | 2  |   |            |
|   | 7  |   |            |
|   |  |   |            |
| Body;   |  |   |            |
| Chest, deep, wide, low; girth large   | 3  |   |            |
| Ribs, long, close, sprung   | 1  |   |            |
| Back, straight, short, broad, muscular  | 2  |   |            |
| Loins, wide, short, thick, straight<br>Underline, flank low   | 1  |   |            |
| Underline, nank low   | 1  | •••••                                   |            |
|   | 8  |   |            |
|   |  |   |            |
| Extremities:  |  |   |            |
| Shoulder, sloping, smooth, snug, extending into back  | 3  |   |            |
| Arm, short, thrown back   | 1  |   |            |
| Forearm, heavily muscled, long, wide  | 2 2  |   |            |
| Knees, wide, clean cut, straight, deep, strongly supported  | 3  |   |            |
|   |  |   |            |
| Croup wide muscular level   | 9  |   |            |
| Hips, smooth, wide, level<br>Croup, wide, muscular, level<br>Thiep, muscular  | 2 2  |   |            |
| Ouarters, deep, heavily muscled   | 2 3  |   |            |
| Ouarters, deep, heavily muscled   | 2<br>3<br>2                                    |   |            |
| Thighs, muscular<br>Quarters, deep, heavily muscled<br>Gaskins, wide, muscled<br>Hocks, clear cut. wide. straight.  | 2<br>3<br>2<br>8                               |   |            |
| Thighs, muscular Quarters, deep, heavily muscled. Gaskins, wide, muscled. Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back.  | 2<br>3<br>2<br>8<br>2                          |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong  | 2<br>3<br>2<br>8<br>2<br>2                     |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong Pasterns, sloping, strong, medium  | 2<br>3<br>2<br>8<br>2<br>2<br>4                |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong Pasterns, sloping, strong, medium Forefeet, size large, even: concave: heels wide: fror large  | 2<br>3<br>2<br>8<br>2<br>2<br>4<br>8           |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong Pasterns, sloping, strong, medium  | 2<br>3<br>2<br>8<br>2<br>2<br>4<br>8           |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong Pasterns, sloping, strong, medium Forefeet, size large, even: concave: heels wide: fror large  | 23<br>28<br>2<br>24<br>48<br>6                 |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight Cannon, short, wide; straight, strong Fellocks, wide, straight, strong Fasterns, sloping, strong, medlen Fasterns, sloping, strong, medlen Fasterns, sloping, strong, medlen Hind feet, large, even size; heels wide; frog large Hind feet, large, even size; heels wide; frogs large                      | 2<br>3<br>2<br>8<br>2<br>2<br>4<br>8           |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong Pasterns, sloping, strong, medium Forefeet, size large, even: concave: heels wide: fror large  | 23<br>28<br>2<br>24<br>48<br>6                 |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong Pasterns, sloping, strong, medium Forefeet, size large, even; concave; heels wide; frog large Hind feet, large, even size; heels wide; frog large.  Action, step smooth, elastic, even, long, quick; trot straight, regular. | 2<br>3<br>2<br>8<br>2<br>2<br>4<br>4<br>8<br>6 |   |            |
| Thighs, muscular Quarters, deep, heavily muscled Gaskins, wide, muscled Hocks, clear cut, wide, straight. Cannon, short, wide; sinews large, set back Fetlocks, wide, straight, strong Pasterns, sloping, strong, medium Forefeet, size large, even; concave; heels wide; frog large Hind feet, large, even size; heels wide; frog large.  Action, step smooth, elastic, even, long, quick; trot straight,          | 2<br>3<br>2<br>8<br>2<br>2<br>4<br>4<br>8<br>6 |   |            |

## Massachusetts Agricultural College.

|  |                   | Points of        | leficient. |
|--|-------------------|------------------|------------|
| Seale of points for gelding.   | Perfect<br>score. | Student's score. | Corrected  |
| \ge —  |                   |                  |            |
| leneral appearance:  |                   |                  |            |
| Height, estimated, — hands; actual, — hands  |                   |                  |            |
|  |                   |                  |            |
| Form, broad, massive, proportioned   | 4                 |                  |            |
| Quality, bone smooth, hard; tendons lean; skin and hair fine<br>Temperament, energetic; disposition good   | 6                 |                  |            |
| remperament, energetic, disposition good   |                   |                  |            |
|  |                   |                  |            |
| Head and neck:   |                   |                  |            |
| Head, lean: size medium  | 1                 |                  |            |
| Muzzle, fine; nostril large; lips thin, even   | 1                 |                  |            |
| Eyes, fu!l, bright, clear<br>Forehead, broad, full   | 1                 |                  |            |
| Ears, size medium: well carried.   | 1                 |                  |            |
| Ears, size medium; well carried<br>Neck, muscled; crest high; throatlatch fine; windpipe large   | 1                 |                  |            |
|  | 6                 |                  |            |
|  |                   |                  |            |
| Fore quarters:   |                   |                  |            |
| Shoulder, sloping, smooth, snug, extending into back   | 3                 |                  |            |
| Arm, short, thrown back.<br>Forearm, heavily muscled, long, wide<br>Knees, wide, clean cut, straight, deep, strongly supported   | 2                 |                  |            |
| Knees, wide, clean cut, straight, deep, strongly supported   | 2                 |                  |            |
| Cannons, short, lean, wide; sinews large, set back<br>Fetlocks, wide, straight, strong   | 2                 |                  |            |
| Pasterns, sloping, lengthy, strong<br>Feet, size large, even; horn dense; sole concave; bars strong;<br>frog large, clastic; heel wide, one-half length of toe and verti-  | 3                 |                  |            |
| cal to ground  | 8                 | ·····            |            |
|  | 22                |                  |            |
| Body:  |                   |                  |            |
| Chest, deep, wide, low; girth large  | 2                 |                  | ī          |
| Ribs, long, close sprung   | 2                 |                  |            |
| Back, straight, short, broad, muscular<br>Loins, wide, short, thick, straight  | 2                 |                  |            |
| Underline, flank low   | ĩ                 |                  |            |
|  |                   |                  |            |
|  |                   |                  |            |
| lind quarters:   |                   |                  |            |
| Hips, smooth, wide.<br>Croup, wide, muscular   | 3                 |                  |            |
| Thighs, muscular   | 2                 |                  |            |
| Quarters, deep, heavily muscled  | 4                 |                  |            |
| Gaskins (or lower thighs), wide, muscled   | 8                 |                  |            |
| Hocks, clear cut, wide, straight<br>Cannons, short, wide; sinews large, set back   | 2                 |                  |            |
| Fetlocks, wide, straight, strong   | 1                 |                  |            |
| Pasterns, sloping, strong, lengthy.  Feet, size large, even; horn dense, color dark; sole concave; bars strong; frog large, elastic; heel wide, one-half length of toe and | 2                 |                  | ·          |
| vertical to ground.  Action, step smooth, quick, long; trot rapid, straight, regular   | 6                 |                  |            |
| rection, step sincotn, quiea, tong, trot rapid, straight, regular  |                   |                  |            |
|  | 42                |                  |            |
|  |                   |                  |            |
| Total  | 100               |                  |            |

# Michigan State Agricultural College.

| Scale of points.   | Perfect.                                    | Student's estimate. | Corrected. |
|--|---|---------------------|------------|
| General appearance: Age, as indicated by teeth Height, estimated, — hands; actual, — hands Weight, 1,500 pounds and above Form, low, square, massive Quality, bone clean, hard; skin lying close to bone and tendons; hair fine. Temperament, docile, energetic, but not nervous   | 7   |                     |            |
| Head and neck:   | 20  | ·                   |            |
| Head and neck: Head, medium size, lean, intelligent Muzzle, fine; nostrils wide, open; lips thin, even Eyes, prominent, bright, clear Forehead, broad, full Ears, rather short, but pointed, well carried. Neck, inclined to be short, deep at junction with body; crest high; mane good.  | $\begin{array}{c} 1\\1\\2\\2\\2\end{array}$ |                     |            |
|  | 10  |                     |            |
| Fore quarter: Shoulder, smooth, moderately upright, muscles covering blade well developed. Arm, short, well muscled Knees, wide, deep, straight, strong Caunons, short, flat, lean; sinews large Pasterns, short, strong Feet, not flat, large; horn dense; frog well developed, elastic; heels wide, full, round.   | 3<br>2<br>2<br>3<br>8                       |                     |            |
| Body: Chest, deep, broad, full; girth large Back, straight, short, well muscled Loins, wide, short Ribs, well sprung, making round barrel  | 3 2   |                     |            |
| . Hind quarters  | 9   |                     |            |
| Hind quarters:  Hips, smooth, wide apart Croup, well muscled, wide Tail, well earried, attached high Thighs, full, muscular, thick through the hams. Quarters, deep, thoroughly muscled Gaskins, wide muscles outstanding Hocks, short, fat; sinews prominent Pasterns, short, strong Feet, not fat, large; horn dense; frog well developed, elastic; heels wide, full, round Action, step smooth, straight, quick, moderately long. | 2<br>1<br>2<br>4<br>2<br>7<br>3             |                     |            |
| Total  |   |                     |            |

### College of Agriculture of the University of Minnesota.

| Scale of points for gelding,  | Perfect<br>score |
|---|------------------|
| 1. Age  |                  |
| -monel epigorangot  |                  |
| 2. Height   |                  |
| 3. Weight, over 1,500 pounds; estimated, — pounds; score according to age   |                  |
| 4. Form, broad, massive, proportioned   |                  |
| 2. Height, over 1,500 pounds; estimated, — pounds; score according to age 4. Form, broad, massive, proportioned. 5. Quality, bone clean, fine, yet indicating sufficient substance; tendons lean; skin and hair fine. |                  |
| 6. Temperament, energetic; disposition good.  |                  |
| ead and neck:   |                  |
| 7. Head, lean; size medium.<br>8. Muzzle, fine; nostrils large; lips thin, even.  |                  |
| 8. Muzzle, fine; nostrils large; lips thin, even  |                  |
| 9. Eyes, full, bright, clear, large   |                  |
| 10. Forehead, broad, full.  |                  |
| 11. Ears, size medium; well carried. 12. Neck, muscled; crest high; throatlatch fine; windpipe large.   |                  |
| 12. Neck, muscled; crest high; throatlatch line; windpipe large   |                  |
| ore quarters:<br>13. Shoulders, moderately sloping, smooth, snug  |                  |
| 13. Shoulders, housestery stoping, smooth, shug   |                  |
| 14. Arm, short, thrown forward  |                  |
| 14. Arm, short, thrown forward 15. Forearm, heavily muscled, long, wide 16. Knees, wide, clean cut, straight, deep, strongly supported  |                  |
| 17. Cannons, short, wide; tendons large, set back   |                  |
| 18. Fetlocks, wide, straight, strong  |                  |
| 10. Petitoris, whic, straight, strong   |                  |
| 19. Pastern, sloping, lengthy, strong<br>20. Feet, size large, even; straight; horn dense; sole concave; bars strong; frog large,   |                  |
| 20. Feet, Size large, even; straight, norn dense; sole concave; bars strong; frog large,  | 1                |
| elastic; heels wide, high, even 21. Legs, viewed in front, a perpendicular line from the point of the shoulder should   |                  |
| fall upon the center of the knee, cannon, pastern, and foot; from the side a per-   |                  |
| pendicular line dropping from the center of the elbow joint should fall upon the  |                  |
| center of the knee and pastern joints and back of hoof  | 1                |
| ody:  |                  |
| 22. Chest, deep, wide, low; girth large   |                  |
| 23. Ribs, long, sprung, close   |                  |
| 24. Back, straight, short, broad  |                  |
| 25. Loin, wide, short, thick, straight.   |                  |
| 26. Underline, flank low  |                  |
| ind quarters:   |                  |
| 27. Hips, smooth, wide  |                  |
| 28 Croup long wide muscular   |                  |
| 28. Croup, long, wide, muscular<br>29. Tail, attached high, well carried  |                  |
| 30 Thighs muscular  |                  |
| 31. Quarters, deep, heavily muscled.  |                  |
| 31. Quarters, deep, heavily muscled.<br>32. Gaskins (or lower thighs), wide, muscled.   |                  |
| 33. Hocks, clean cut, wide, straight  | 1                |
| 34. Cannons, short, wide; sinews large, set back.   |                  |
| 35. Fetlocks, wide, straight, strong  |                  |
| 36. Pasterns, sloping, strong, lengthy. 37. Feet, size large, eyen; straight; horn dense; color dark; sole concave; bars strong;  |                  |
| 37. Feet, size large, even; straight; horn dense; color dark; sole concave; bars strong;  |                  |
| trog large, elastic: heel wide, high, one-half length of toe  |                  |
| 38. Legs, viewed from behind, a perpendicular line from the point of the buttock should fall upon the center of the hock, cannon, pastern, and foot; from the side, a per-  |                  |
| fall upon the center of the hock, cannon, pastern, and foot; from the side, a per-  |                  |
| pendicular line from the hip joint should fall upon the center of the foot and di-  |                  |
| vide the gaskin in the middle; and a perpendicular line from the point of the but-  |                  |
| tock should run parallel with the line of the cannon  |                  |
| ction:  |                  |
| 39. Walk, smooth, quick, long, balanced   |                  |
| 40. Trot, rapid, free, straight, regular  |                  |
|   |                  |
| Total   | 1                |

### College of Agriculture and Mechanic Arts, University of Missouri.

| Scale of points.  | Perfect<br>score. | Students' | Corrected. |
|---|-------------------|-----------|------------|
|   | Score.            | SCOTC.    |            |
| 0   |                   |           |            |
| General appearance:  Height, estimated, — hands; actual, — hands.  Weight, over 1,500 pounds; estimated, — pounds; actual, — pounds; score according to age Form, low, massive, well proportioned  Quality—bone clean, flat; tendons lean; skin and hair fine |                   |           |            |
| Weight over 1 500 pounds; estimated pounds; estinal   |                   |           |            |
| pounds: score according to age  | 6                 |           |            |
| Form low massive well proportioned  | 6                 |           |            |
| Quality—hone clean, flat: tendons lean: skin and hair fine  |                   |           |            |
| Temperament, energetic; disposition good  | 4                 |           |            |
| Action-step smooth, quick, long, balanced; trot rapid, straight,  |                   |           |            |
| regular   | 10                | <b></b> . |            |
| Head and neck:  |                   |           |            |
| Head, lean; size medium   | 2                 |           |            |
| Muzzle, fine; nostrils large; lips thin, even   | 1                 |           |            |
| Eves, full, bright, clear   | 2                 |           |            |
| Forehead, broad, full<br>Ears, size medium; well carried, wide apart  | 1                 |           |            |
| Ears, size medium; well carried, wide apart   | 1                 |           |            |
| Neck, well muscled, crest high; throatlatch fine; windpipe large.   | 2                 |           |            |
| Fore quarters:  | 0                 |           |            |
| Shoulders, only slightly sloping, smooth, extending into back  Arms, short, thrown back   | 2                 |           |            |
| Forearms, long, wide, heavil / muscled  | 1                 |           |            |
| Knees, wide, clean cut, straight, strongly supported  | 5                 |           |            |
| Cannons, short, vertical, lean, wide, flat.   | 9                 |           |            |
| Fetlocks, wide, straight, strong  | ĩ                 |           |            |
| Pasterns sloping strong thick: angle with ground 45 degrees   | 2                 |           |            |
| Feet, round; size large, even; horn dense; sole concave; bars   | _                 |           |            |
| strong; frog large, elastic; heel wide, one-half length of toe  | 6                 |           |            |
| Fore legs, viewed in front, a perpendicular line from the point   |                   |           |            |
| of the shoulder should fall upon the center of the knee, can-   |                   |           |            |
| non, pastern, and foot; from the side a perpendicular line  |                   |           |            |
| dropping from the center of the elbow joint should fall upon  |                   |           |            |
| the center of the knee and pastern joints and back of hoof  | . 4               |           |            |
| Body:   |                   |           |            |
| Chest, deep, wide; girth large  | 3                 |           |            |
| Withers, smooth, not prominent, well muscled  | 1                 |           |            |
| Ribs, long, wide apart, well sprung   | 2                 |           |            |
| Back, short, straight, broad, well muscled<br>Loins, wide, short, thick   | 2                 |           |            |
| Flank, low  | 1                 |           |            |
| Hind quarters:  | 1                 |           |            |
| Wing emooth wide  | 9                 |           |            |
| Hips, smooth, wide.<br>Croup, wide, muscular, somewhat oblique.<br>Tail, attached high, full, well carried.   | 9                 |           |            |
| Tail attached high full well carried  | 1                 |           |            |
| Thighs, well muscled .  | 2                 |           |            |
| Buttocks, heavily muscled, wide.  | 2                 |           |            |
| Quarters deep heavily muscled   | 2                 |           |            |
| Hock, wide, straight, clean cut   | 4                 |           |            |
| Cannons, short, wide  | 2                 |           |            |
| Fetlocks, wide, straight, strong  | 1                 |           |            |
| Pasterns, sloping, strong   | 2                 |           |            |
| Pasterns, sloping, strong.  Hind feet, compared with forefeet, more oval, more concave;   |                   |           |            |
| heels higher: walls more vertical   | 4                 |           |            |
| Hind legs, viewed from behind, a perpendicular line from the  |                   |           |            |
| point of the buttock should fall upon the center of the hock,   |                   |           |            |
| cannon, pastern, and foot; from the side, a perpendicular line<br>from the hip joint should fall upon the center of the foot and  |                   |           |            |
| from the hip joint should fall upon the center of the foot and  |                   |           |            |
| divide the lower thigh in the middle, and a perpendicular line  |                   |           |            |
| from the point of the buttock should run parallel to the line   |                   |           |            |
| of the cannon   | 4                 |           |            |
| Total   | 100               |           |            |
|   | 100               |           |            |

#### North Dakota Agricultural College.

|   |                   | Points d         | deficient. |  |
|---|-------------------|------------------|------------|--|
| Scale of points for gelding, $a$  | Perfect<br>score. | Student's score. | Corrected. |  |
| Age, —  |                   |                  |            |  |
| Coneral appearance:   |                   |                  |            |  |
| Height, estimated, ——; actual, ——<br>Weight, over 1,500 pounds; estimated, —— pounds; score accord- |                   |                  |            |  |
| ing to age  | 4                 |                  |            |  |
| Form, broad, massive, proportioned<br>Quality, bone smooth, hard; tendons lean; hair and skin fine  | 4                 |                  |            |  |
| Quality, bone smooth, hard; tendons lean; hair and skin fine  | 8                 |                  |            |  |
| Temperament, energetic; disposition good  | 5                 |                  |            |  |
| Head and neck:  | 1                 |                  |            |  |
| Head, lean; size medium. Muzzle, fine; nostrils large; lips thin, even                              | i                 |                  |            |  |
| Eyes, full, bright, clear   | 1                 |                  |            |  |
| Forehead, broad, full   | 2                 |                  |            |  |
| Ears, size medium; well carried.  Neck, muscled; crest high; throatlatch fine; windpipe large       | 1                 |                  |            |  |
|   | 1                 |                  |            |  |
| Fore quarters:  |                   |                  |            |  |
| Shoulder, sloping, smooth, snug, extending into back  | J J               |                  |            |  |
| Arm, short, thrown back<br>Forearm, heavily muscled, long, wide.                                    | 9                 |                  |            |  |
| Knees, wide, clean-cut, straight, deep, strongly supported  |                   |                  |            |  |
| Cannons, short, lean, wide; sinews large, set back  | 2                 |                  |            |  |
| Fetlocks, wide, straight, strong  | 1                 |                  |            |  |
| Pasterns, sloping, lengthy, strong  | 3                 |                  |            |  |
| Feet, size large, even; horn dense; sole concave; bars strong;                                      |                   |                  |            |  |
| frog large, elastic; heel wide, one half length of toe and ver-<br>tical to ground                  |                   |                  |            |  |
| Body:   | 0                 |                  |            |  |
| Chest, deep, wide, low; girth large   | - 2               |                  |            |  |
| Ribs, long, sprung, close :   | 2                 |                  |            |  |
| Back, straight, short, broad, muscular  | 2                 |                  |            |  |
| Loins, wide, short, thick, straight   | 2                 |                  |            |  |
| Underline, flank low  | 1                 |                  |            |  |
| Hind quarters: Hips, smooth, wide   |                   |                  |            |  |
| Croup, wide, muscular   | 2 2               |                  |            |  |
| Tail, attached high, well carried.  | í                 |                  |            |  |
| Thighs, muscular  | 2                 |                  |            |  |
| Quarters, heavily muscled, deep   | 4                 |                  |            |  |
| Gaskins (or lower thighs), wide, muscled  | 2                 |                  |            |  |
| Hocks, clear cut, wide, straight  | 8                 |                  |            |  |
| Cannons, short, wide; sinews large, set back  | 2                 |                  |            |  |
| Fetlocks, wide, straight, strong<br>Pasterns, sloping, strong, lengthy                              | 1                 |                  |            |  |
| Feet, size large, even; horn dense; color dark; sole concave;                                       | 2                 |                  |            |  |
| bars strong: frog large, elastic: heel wide, one-half length of                                     |                   |                  |            |  |
| toe and vertical to ground  | 6                 |                  |            |  |
| toe and vertical to ground Action, step smooth, quick, long; trot rapid, straight, regular          | 8                 |                  |            |  |
|   |                   |                  |            |  |
| Total   | 100               |                  |            |  |
| Estimated market value  |                   |                  |            |  |
|   |                   | 1                |            |  |

a After Craig.

#### Oklahoma Agricultural and Mechanical College.

Same as the Colorado card (see p. 26) for draft horses, with the omission of "age" and "height" and the omission of the term "muscular" under "back." There are also some slight changes in phraseology,

#### Pennsylvania State College.

| Scale of points.  | Perfect<br>score. | Point | s off.   |
|---|-------------------|-------|----------|
| Eyes, prominent, clear, intelligent, expressive Objections, small, sunken, vicious, wild.   | 4                 |       |          |
| Head, clean cut: face straight, wide between the eyes; ears of fair size but not sluggish; nostrils large, open; lower jaw strong, clean; lips fine, firm       | 5                 |       |          |
| Objections, narrow, thick, beefy, dish face:<br>Neck, symmetrical in length and proportions, strong; full at crest; clean<br>cut at throttle.                   |                   |       |          |
| Objections, too short, thick; low at crest.<br>Shoulders, well rounded, muscular, moderately sloping; strong at base;   |                   |       |          |
| well finished at withers<br>Objections, lacking in muscle, too upright.<br>Chest, deep, full, prominent, with good width.                                       |                   |       |          |
| Objections, narrow, sunken.  Forearm, well formed, well joined, strong, muscular.  Barrel, round, with well sprung ribs and full heart girth; back short,       |                   |       |          |
| strong<br>Objections, narrow, ribs too straight.<br>Coupling, smooth, strong, full, close ribbed, extending evenly over the                                     | 6                 |       | ······   |
| point of the hips.  Objections, loose; sunken loin, high flank.  Quarters, symmetrical, medium length and width, not too sloping, well                          | 5                 |       |          |
| rounded, muscular<br>Objections, narrow, too short, too steep.<br>Tail, full, well set, fine in quality.  | -                 |       |          |
| Objections, coarse, stiff. Stifles and gaskins, muscular, full, short, strong   |                   |       |          |
| Objections, lacking in muscle.<br>Hock, sound, wide, strong, without too great an angle and free from<br>meatiness  | 8                 |       |          |
| Objections, narrow, puffed, meaty. Knees, neither sprung nor calf kneed, broad, straight, strong Objections, narrow, weak, crooked.                             | > 5               |       | <b>-</b> |
| Cannons, short, flat, broad, smooth, fine quality, yet with abundant<br>substance.  Objections, round, spongy, deficient in size.                               | 5                 |       |          |
| Pasterns, strong, medium length, sound, clean, sloping  Objections, too short, stiff.  Feet, medium height, good size, round, straight, squarely set, free from | . 5               |       |          |
| contracted heels; soles and walls tough; frog full elastic  |                   |       |          |
| Color, characteristic of breed.<br>Size, fifteen-three to sixteen-three hands and weight proportional<br>Coat and skin: skin soft, pliable; hair fine, silky    | 2<br>5<br>3       |       |          |
| Objections, coarse, shaggy; hide unyielding. Action, strong, elastic, straight, even, vigorous. Objections, low headed, awkward, sluggish.                      |                   |       |          |
| Symmetry and style, well proportioned; position of horse when standing and carriage when in motion, easy, graceful, strong                                      |                   | -     |          |
| Total   | 100               |       |          |

Note,—Under the head of "Objections" only a few of the most common are named. Other defects should be scored according to their importance.

#### South Dakota Agricultural College.

Same as the Iowa card (see p. 28) for draft horses, with the exception that under form the term "low set" is omitted.

# The State Agricultural and Mechanical College of the University of Tennessee.

| 4. Quality, bone smooth; tendons well defined; skin and hair fine. 5. Action, step smooth, long, active; tort rapid, straight, regular. 8. Head and neck; 7. Head, well defined; size medium. 8. Muzzle, fine; nostrils large; lips thin, corresponding. 1. S. Eyes, full, bright, clear; eyelids oval. 1. Eyes, full, bright, clear; eyelids oval. 1. Exers, size medium; well carried. 1. Lears, size medium; well carried. 1. Lears, size medium; well carried. 1. Shoulder, long, smooth, oblique, extending into back. 1. Shoulder, long, side, straight, strong, soloping. 1. Shoulder, long, side 1. Shoulder, long, side, long, strong, st | Scale of points.   | Perfect<br>score. | Student's score. |
|--|--|-------------------|------------------|
| 3. Conformation, broad, massive, proportioned 4. Quality, bone smooth; tendous well defined; skin and hair fine 5. Action, step smooth; long, active; trot rapid, straight, regular 8. Head and neck; 7. Head, well defined; size medium 8. Muzzle, fine; nostrils large; lips thin, corresponding 1. Ears, size medium; vell carried, 1. Ears, size medium; well carried, 1. Shoulder, long, smooth, oblique, extending into back 1. Ears, size medium; well carried, 1. Shoulder, long, smooth, oblique, extending into back 1. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back 1. Fetlocks, wide, straight, strong; pasterns, strong, sloping 1. Fete, size medium, even; horn dense; sole concave; bars strong; frog prominent, elastic; heels wide. 1. Ghest, deep, wide, low; girth large 2. Back, straight, short, broad, muscled 2. Back, straight, short, broad, muscled 2. Back, straight, short, broad, muscled 2. Straight, short, thick 2. Thighs, long muscular 2. Guarters, large wide, low; 2. Thighs, long muscular 2. Guarters, beavily nuscled deep 2. Gaskin, wide, muscled 3. Fetlocks, wide, straight; cannons, short, wide; tendons set back 1. Straight, short, wide, level; croup, long, wide, muscular 2. Gaskin, wide, muscled 3. Fetlocks, wide, straight; pasterns, strong, sloping, defined 3. Fetlocks, wide, straight, wide.  | A. General appearance:   |                   |                  |
| 3. Conformation, broad, massive, proportioned 4. Quality, bone smooth; tendous well defined; skin and hair fine 5. Action, step smooth; long, active; trot rapid, straight, regular 8. Head and neck; 7. Head, well defined; size medium 8. Muzzle, fine; nostrils large; lips thin, corresponding 1. Ears, size medium; vell carried, 1. Ears, size medium; well carried, 1. Shoulder, long, smooth, oblique, extending into back 1. Ears, size medium; well carried, 1. Shoulder, long, smooth, oblique, extending into back 1. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back 1. Fetlocks, wide, straight, strong; pasterns, strong, sloping 1. Fete, size medium, even; horn dense; sole concave; bars strong; frog prominent, elastic; heels wide. 1. Ghest, deep, wide, low; girth large 2. Back, straight, short, broad, muscled 2. Back, straight, short, broad, muscled 2. Back, straight, short, broad, muscled 2. Straight, short, thick 2. Thighs, long muscular 2. Guarters, large wide, low; 2. Thighs, long muscular 2. Guarters, beavily nuscled deep 2. Gaskin, wide, muscled 3. Fetlocks, wide, straight; cannons, short, wide; tendons set back 1. Straight, short, wide, level; croup, long, wide, muscular 2. Gaskin, wide, muscled 3. Fetlocks, wide, straight; pasterns, strong, sloping, defined 3. Fetlocks, wide, straight, wide.  | 1. Weight, 1,500 pounds or over; age, ——; color, ——                        |                   |                  |
| 3. Conformation, broad, massive, proportioned 4. Quality, bone smooth; tendous well defined; skin and hair fine 5. Action, step smooth, long, active; trot rapid, straight, regular 8. Head and neck; 7. Head, well defined; size medium 8. Muzzle, fine; nostrils large; lips thin, corresponding 1. Step shil, bright, clear; eyelids oval 1. Ears, size medium; well carried 1. Shoulder, long, smooth, oblique, extending into back 1. Shoulder, long, smooth, oblique, extending into back 1. Shoulder, long, smooth, oblique, extending into back 1. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back 1. Fetlocks, wide, straight, strong; pasterns, strong, sloping 1. Feet, size medium, even; horn dense; sole concave; bars strong; frog prominent, elastic; heels wide 1. Body: 1. Withers, well muscled 1. Chest, deep, wide, low; girth large 2. Ribs, long, sprung, close 2. Loins, wide, short, thick 2. Underline, long; flank let down 2. Hips, smooth high, well carried 2. Thighs, long muscular 2. Quarters, beavily nuscled, deep 2. Gaskin, wide, muscled 2. Gaskin, wide, muscled 3. Feet, size medium, even; horn dense; sole soneave; bars strong; for general medium, size should be sole on the strong of  | 2. Height, 14 hands and up; estimated, — hands; actual, — hands            | 4                 |                  |
| 6. Åction, step smooth, long, active; trot rapid, straight, regular.         8           6. Temperament, energetic; disposition good         4           8. Head and neck;         7. Head, well defined; size medium.         1           1. 8. Muzzle, fine; nostrils large; lips thin, corresponding.         1           1. 9. Eyes, full, bright, clear; eyelids oval.         1           10. Forehead, broad, full.         1           11. Ears, size medium; well carried.         1           12. Neck, muscled; crest high; throatlatch fine; windpipe large.         1           13. Forequarters:         2           14. Arm, shoulder, rung, smooth, oblique, extending into back.         2           15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back.         6           16. Fetlocks, wide, straight, strong; pasterns, strong, sloping.         4           17. Feet, size medium, even: horn dense; sole concave; bars strong; frog prominent, elastic; heels wide.         6           18. Body:         2           18. Withers, well muscled.         2           20. Ribs, long, sprung, close.         2           21. Back, straight, short, broad, muscled.         2           22. Loins, wide, short, thick.         2           23. Underline, long; flank let down.         1           24. Hips, smooth, wi  | 3. Conformation, broad, massive, proportioned                              | . 4               |                  |
| 6. Temperament, energetic; disposition good  |  | 6                 |                  |
| 3. Head and neck;   7. Head, well defined; size medium   1   1   1   1   1   1   1   1   1   |  | 8                 |                  |
| 7. Head, well defined; size medium  8. Muzzle, fine; nostrils large; lips thin, corresponding  9. Eyes, full, bright, clear; eyelids oval  10. Forehead, broad, full  11. Ears, size medium; well carried  12. Neck, muscled; crest high; throatlatch fine; windpipe large  12. Fore quarters:  13. Shoulder, long, smooth, oblique, extending into back  14. Arm, short, muscled, thrown downward and backward; forearm well muscled, long, wide  15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back  16. Fetlocks, wide, straight, strong; pasterns, strong, sloping  17. Feet, size medium, even: horn dense; sole concave; bars strong; frog prominent, elastic; heels wide.  18. Withers, well muscled  19. Chest, deep, wide, low; girth large  20. Ribs, long; sprung, close  21. Back, straight, short, broad, muscled  22. Loins, wide, slort, thick.  23. Tall, attached high, well carried  24. Hips, smooth, wide, level; croup, long, wide, muscular  25. Tall, attached high, well carried  26. Thighs, long, muscular  27. Quarters, heavily muscled, deep  28. Gaskin, wide, muscled  29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back  10. Fetlocks, wide, straight; pasterns, strong, sloping, defined  11. Fetlocks, wide, straight; pasterns, strong, sloping, defined  12. Fetlocks, wide, straight; pasterns, strong, sloping, defined  15. Fetlocks, wide, straight; pasterns, strong, sloping, defined  16. Fetlocks, wide, straight; pasterns, strong, sloping, defined  17. Fetlocks, wide, straight; pasterns, strong, sloping, defined  18. Fetlocks, wide, straight; pasterns, strong, sloping, defined  19. Fetlocks, wide, straight; pasterns, strong, sloping, defined  10. Fetlocks, wide, straight; pasterns, strong, sloping, defined  11. Fetlocks, wide, straight; pasterns, strong, sloping, d | 6. Temperament, energetic; disposition good                                | 4                 |                  |
| 8. Muzzle, fine; nostrils large; lips thin, corresponding 1 1 10. Forchead, broad, full 1 11. Ears, size medium; well carried 1 1 12. Neck, muscled; crest high; throatlatch fine; windpipe large 1 1 12. Neck, muscled; crest high; throatlatch fine; windpipe large 1 1 12. Neck, muscled; crest high; throatlatch fine; windpipe large 1 1 12. Neck, muscled; crest high; throatlatch fine; windpipe large 1 1 12. Neck, muscled; crest high; throatlatch fine; windpipe large 1 1 12. Neck, muscled; long, smooth, oblique, extending into back. 2 1 14. Arm, short, muscled, thrown downward and backward; forearm well muscled, long, wide contains the straight, deep, strongly supported; cannons short, 6 16. Fetlocks, wide, straight, deep, strongly supported; cannons short, 6 16. Fetlocks, wide, straight, strong; pasterns, strong; sloping 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |  |                   |                  |
| 9. Eyes, full, bright, clear; eyelids oval 1 10. Forehead, broad, full 1 11. Ears, size medium; well carried 1 12. Neck, muscled; crest high; throatlatch fine; windpipe large 1 1. Fore quarters: 1 13. Shoulder, long, smooth, oblique, extending into back. 1 14. Arm, short, muscled, thrown downward and backward; forearm well muscled, long, wide 5 15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back 6 16. Fetlocks, wide straight, strong; pasterns, strong, sloping 4 17. Feet, size medium, even: horn dense; sole concave; bars strong; frog prominent, elastic; heels wide 6 18. Withers, well muscled 2 19. Chest, deep, wide, low; girth large 2 20. Ribs, long; sprung, close 2 21. Back, straight, short, broad, muscled 2 22. Loins, wide, short, thick 2 23. Loins, wide, short, thick 2 24. Hufp, smooth, wide, level; croup, long, wide, muscular 1 25. Tall, attached high, well carried 1 26. Thighs, long, muscular 2 27. Quarters, heavily muscled, deep 2 28. Gaskin, wide, muscled 2 29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back 1 20. Fetlocks, wide, straight; pasterns, strong, sloping, defined 5 21. Fetch, size medium, even; horn dense; frog prominent, elastic; bars strong, sole concave; heels high, wide 6  | 7. Head, well defined; size medium   | 1                 |                  |
| 10. Forehead, broad, full   1   1   1   1   1   1   1   1   1  | 8. Muzzle, fine; nostrils large; lips thin, corresponding                  | 1                 |                  |
| 2  | 9. Eyes, full, bright, clear; eyelids oval                                 | 1                 |                  |
| 2  | 10. Forehead, broad, full  | 1                 |                  |
| 2  | 11. Ears, size medium; well carried  | 1                 |                  |
| 13. Shoulder, long, smooth, oblique, extending into back   14. Arm, short, muscled, thrown downward and backward; forearm well muscled, long, wide   5   15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back   6   16. Fetlocks, wide straight, strong; pasterns, strong, sloping   4   17. Feet, size medium, even; horn dense; sole concave; bars strong; frog   6   18. Withers, well muscled   2   20. Ribs, long, sprung, close   2   20. Ribs, long, sprung, close   2   21. Back, straight, short, broad, muscled   2   22. Loins, wide, short, thick   2   23. Underline, long; flank let down   1   1. E. Hind quarters;   21. Hips, smooth, wide, level; croup, long, wide, muscular   4   25. Tail, attached high, well carried   1   26. Thighs, long, muscular   27. Quarters, heavily muscled, deep   29. Graskin, wide, miscular   29.   | 12. Neck, muscled; crest high; throatlatch fine; windpipe large            | 1                 |                  |
| 14. Arm, short, miscled, thrown downward and backward; forearm well muscled, long, wide .  15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back .  16. Fetlocks, wide, straight, strong; pasterns, strong, sloping .  17. Feet, size medium, even: horn dense; sole concave; bars strong; frog prominent, elastic; heels wide .  18. Withers, well muscled .  19. Chest, deep, wide, low; girth large .  20. Ribs, long, sprung, close .  21. Back, straight, short, broad, muscled .  22. Loins, wide, short, thick .  23. Underline, long; flank let down .  24. Hind quarters:  25. Tull, eached high, well carried .  26. Till, acached high, well carried .  27. Quarters, heavily muscled, deep .  28. Gaskin, wide, muscled .  29. Gaskin, wide, muscled .  20. Shock, well defined, wide, straight; cannons, short, wide; tendons set back .  20. Hock, well defined, wide, straight; cannons, short, wide; tendons set back .  20. Hock, well defined, wide, straight; cannons, short, wide; tendons set back .  20. Fetlocks, wide, straight; pasterns, strong, sloping, defined .  31. Feet, size medium, even; horn dense; frog prominent, elastic; bars strong, sole concave; heels high, wide .  | J. Fore quarters:  |                   |                  |
| muscled, long, wide  15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back  6 Fetlocks, wide, straight, strong; pasterns, strong, sloping  17. Feet, size medium, even, horn dense; sole concave; bars strong; frog  18. Body  19. Body  19. Chest, deep, wide, low; girth large  20. Ribs, long, sprung, close  21. Back, straight, short, broad, nuscled  22. Loins, wide, short, thick  23. Underline, long; flank let down  24. Hips, smooth, wide, level; croup, long, wide, muscular  25. Tall, attached high, well earried  26. Thighs, long, muscular  27. Quarters, heavily nuscled, deep  28. Gaskin, wide, miscular  29. Gaskin, wide, miscular  20. Gaskin, wide, miscular  21. Gaskin, wide, miscular  22. Gaskin, wide, miscular  23. Gaskin, wide, miscular  24. Gaskin, wide, miscular  25. Gaskin, wide, miscular  26. Gaskin, wide, miscular  27. Guarters, heavily nuscled, deep  28. Gaskin, wide, miscular  39. Fetlocks, wide, straight; pasterns, strong, sloping, defined  30. Fetlocks, wide, straight; pasterns, strong, sloping, defined  30. Fetlocks, wide, straight; pasterns, strong, sloping, defined  31. Fets, size medium, even, horn dense; frog prominent, elastic; bars strong, sole concave; heels high, wide.   | 13. Shoulder, long, smooth, oblique, extending into back                   | 2                 |                  |
| 15. Knees, clean, wide, straight, deep, strongly supported; cannons short, wide; tendons large, set back   6     16. Fetlocks, wide, straight, strong; pasterns, strong, sloping   4     17. Feet, size medium, even; horn dense; sole concave; bars strong; frog prominent, clastic; heels wide.   6     18. Withers, well muscled.   2     19. Chest, deep, wide, low; girth large.   2     20. Ribs, long, sprung, close   2     21. Back, straight, stort, broad, muscled   2     22. Loins, wide, slort, thick   2     23. Underline, long; flank let down   1     31. Hund quarters:   2     25. They are men, wide, level; croup, long, wide, muscular.   4     26. Thighs, long, muscled   2     27. Quarters, heavily muscled, deep   2     28. Gaskin, wide, muscled   2     29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back   1     30. Fetlocks, wide, straight; pasterns, strong, sloping, defined   5     31. Feete, size medium, even; horn dense; frog prominent, eastic; bars strong, sole concave; heels high, wide   6   | 14. Arm, short, muscled, thrown downward and backward; forearm well        | -                 |                  |
| Wide; tendons large, set back   17   Feet, size medium, even; horn dense; sole concave; bars strong; frog   4   18   Feet, size medium, even; horn dense; sole concave; bars strong; frog   18   Feet, size medium, even; horn dense; sole concave; bars strong; frog   2   18   Feet, deep, wide, low; girth large   2   2   2   2   2   2   2   2   2  | muscled, long, wide  | б                 |                  |
| Wide; tendons large, set back   17   Feet, size medium, even; horn dense; sole concave; bars strong; frog   4   18   Feet, size medium, even; horn dense; sole concave; bars strong; frog   18   Feet, size medium, even; horn dense; sole concave; bars strong; frog   2   18   Feet, deep, wide, low; girth large   2   2   2   2   2   2   2   2   2  | 15. Knees, clean, wide, straight, deep, strongly supported; cannons short, |                   |                  |
| 17. Feet, size medium, even; horn dense; sole concave; bars strong; frog porninent, elastic; heels wide. 6  Body:  18. Withers, well muscled. 2  19. Chest, deep, wide, low; girth large. 2  20. Ribs, long, sprung, close. 2  21. Back, straight, short, broad, muscled. 2  22. Loins, wide, short, thick. 2  23. Underline, long; flank let down. 1  E Hind quarters: 2  4. Hips, smooth, wide, level; croup, long, wide, muscular. 4  25. Tall, attached high, well carried. 1  26. Thighs, long, muscular. 2  27. Quarters, heavily muscled, deep. 2  28. Gaskin, wide, muscled. 2  29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back. 12  30. Fetlocks, wide, straight; pasterns, strong, sloping, defined. 5  31. Feet, size medium, even; horn dense; frog prominent, etastic; bars strong, sole concave; heels high, wide. 6  |  |                   |                  |
| Description      | 16. Fetlocks, wide, straight, strong; pasterns, strong, sloping            | 4                 |                  |
| D. Body:  18. Withers, well muscled.  19. Chest, deep, wide, low: girth large.  20. Ribs, long, sprung, close.  21. Back, straight, short, broad, muscled.  22. Loins, wide, short, thick.  23. Underline, long: flank let down.  23. Underline, long: flank let down.  24. Hips, smooth, wide, level; croup, long, wide, muscular.  25. Tail, attached high, well carried.  26. Thighs, long, muscular.  27. Quarters, heavily muscled, deep.  28. Gaskin, wide, muscled  29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back.  20. Hock, well defined, wide, straight; cannons, short, wide; tendons set back.  21. Fetlocks, wide, straight; pasterns, strong, sloping, defined.  31. Feet, size medium, even; horn dense; frog prominent, etastic; bars strong, sole concave; heels high, wide.  6  | 17. Feet, size medium, even; norm dense; sole concave; bars strong; frog   |                   | ļ                |
| 18. Withers, well muscled.       2         19. Chest, deep, wide, low; girth large.       2         20. Ribs, long, sprung, close.       2         21. Back, straight, short, broad, muscled.       2         22. Loins, wide, short, thick.       2         23. Underline, long; flank let down.       1         3. Hind quarters:       4         24. Hips, smooth, wide, level; croup, long, wide, muscular.       4         25. Tail, attached high, well carried.       1         26. Thighs, long, muscular.       2         27. Quarters, heavily muscled, deep.       2         28. Hock, well defined, wide, straight; cannons, short, wide; tendons set back.       1         29. Hock, well defined, wide, straight; pasterns, strong, sloping, defined.       5         31. Feetlocks, wide, straight; pasterns, strong, sloping, defined.       5         31. Feet, size medium, even; horn dense; frog prominent, eastie; bars strong, sole concave; heels high, wide.       6   |  | 6                 |                  |
| 19. Chest, deep, wide, low; girth large   2   2   2   2   2   1   1   1   1   1  |  |                   |                  |
| 20. Ribs, long, sprung, close   2   2   2   2   2   2   2   18 lack, straight, short, broad, muscled   2   2   2   2   2   2   2   2   2   | 18. Witners, weil muscled  | 2                 |                  |
| 22   | 19. Chest, deep, wide, low; girth large                                    | 2                 |                  |
| 22   | 20. Ribs, long, sprung, close  | 2                 |                  |
| 23. Underline, long; flank let down.  3. Hind quarters:  24. Hips, smooth, wide, level; croup, long, wide, muscular.  4. 25. Tall, attached high, well carried.  1. 26. Thighs, long, muscular.  27. Quarters, heavily nuscled, deep.  28. Gaskin, wide, muscled  29. Hoek, well defined, wide, straight; cannons, short, wide; tendons set back.  12. 30. Fetlocks, wide, straight; pasterns, strong, sloping, defined.  31. Feet, size medium, even; horn dense; frog prominent, eastic; bars strong, sole concave; heels high, wide.  6   | 21. Dack, straight, short, proad, muscled                                  | 2                 |                  |
| 5. Hind quarters:       4         24. Hips, smooth, wide, level; croup, long, wide, muscular.       4         25. Tall, attached high, well carried       1         26. Thighs, long, muscular.       2         27. Quarters, heavily muscled, deep       2         28. Gaskin, wide, muscled       2         29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back       12         30. Fetlocks, wide, straight; pasterns, strong, sloping, defined       5         31. Feet, size medium, even, horn dense; frog prominent, etastic; bars strong, sole concave; heels high, wide       6   | 22. Londs, wide, Short, thick.   | 2                 |                  |
| 24. Híps, smooth, wide, level; croup, long, wide, muscular.       4         25. Tall, attached high, well carried.       1         26. Thighs, long, muscular.       2         27. Quarters, heavily muscled, deep.       2         28. Gaskin, wide, muscled       2         29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back.       12         30. Fetlocks, wide, straight; pasterns, strong, sloping, defined.       5         31. Feet, size medium, even; horn dense; frog prominent, etastic; bars strong, sole concave; heels high, wide.       6  | 2). Underfine, long; mank let down   | 1                 |                  |
| 25. Tail, attached high, well carried   1   26. Thighs, long, muscular   2   2   27. Quarters, heavily muscled, deep   2   28. Gaskin, wide, muscled   2   29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back   12   30. Fetlocks, wide, straight; pasterns, strong, sloping, defined   5   31. Feet, size medium, even; horn dense; frog prominent, elastic; barsstrong, sole concave; heels high, wide   6   | 2. All Hing emocth wide levels excur long wide mucouler                    |                   |                  |
| 26. Thighs, long, muscular       2         27. Quarters, heavily nuscled, deep       2         28. Gaskin, wide, muscled       2         29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back       12         30. Fetlocks, wide, straight; pasterns, strong, sloping, defined       5         31. Feet, size medium, even; horn dense; frog prominent, eastic; bars strong, sole concave; heels high, wide       6   | 24. https, smooth, wide, level; croup, long, wide, muscular.               | 1 1               |                  |
| 27. Quarters, heavily muscled, deep 2 28. Gaskin, wide, muscled 2 29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back 12 30. Fetlocks, wide, straight; pasterns, strong, sloping, defined 5 31. Feet, size medium, even; horn dense; frog prominent, elastic; barsstrong, sole concave; heels high, wide 6  | 22. Thirds long muscular   | 1                 |                  |
| 28. Gaskin, wide, muscled 29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back. 12 30. Fetlocks, wide, straight; pasterns, strong, sloping, defined. 31. Feet, size medium, even; horn dense; frog prominent, eastic; bars strong, sole concave; heels high, wide. 46 5  | 20. Thighs, long, muschad  | 2                 |                  |
| 29. Hock, well defined, wide, straight; cannons, short, wide; tendons set back. 12 30. Fetlocks, wide, straight; pasterns, strong, sloping, defined. 5 31. Feet, size medium, even; horn dense; frog prominent, etastic; bars strong, sole concave; heels high, wide. 6  | 22. Quarters, nearly muscled, deep   | 2                 |                  |
| 30. Fetlocks, wide, straight; pasterns, strong, sloping, defined. 5 31. Feet, size medium, even; horn dense; frog prominent, etastic; bars strong, sole concave; heels high, wide. 6   | 90. Hoak well defined wide stroight gamons short wider tandens set heak    | 10                |                  |
| 31. Feet, size medium, even; horn dense; frog prominent, etastic; bars strong, sole coneave; heels high, wide.   | 20. Fotlooks wide straight; satisfies strong sloving defined               |                   |                  |
| sole concave; heels high, wide.  | 21 Feet size medium aven; horn dense, frog nominant elective horsestrone   | 9                 |                  |
|  | sole concave: heels high, wide   | 6                 |                  |
|  | , 2,   |                   |                  |
| Total  | Total  | 100               |                  |

# Utah Agricultural College.

|   |                | Score.                                |            |
|---|----------------|---------------------------------------|------------|
| Scale of points.  | Stand-<br>ard. | Student's.                            | Corrected. |
| General appearance: Age, as indicated by teeth,   |                |                                       |            |
| Weight, estimated, — pounds; actual, — pounds; score ac-  |                |                                       |            |
| Form and symmetry, broad, massive, proportioned.  | 4              |                                       |            |
| Quality, bone smooth, hard: tendons, lean: skin lying close to  |                |                                       |            |
| bone and tendons; hair fine   | 2              |                                       |            |
| Action, step smooth, quick, long; walk fast; trot rapid,  |                |                                       |            |
| straight, regular   | 5              |                                       |            |
| Head and neck:  Head, size medium; broad between the eyes, lean   | 1              |                                       |            |
| Muzzle, fine; nostrils large; lips thin, even   | 1              |                                       |            |
| Eyes, full, bright, clear, intelligent  | 1 2            |                                       |            |
| Ears, medium size, well carried.<br>Neck, muscled; crest high; throat clean, fine; windpipe large                       | ĩ              |                                       |            |
| Neck, muscled; crest high; throat clean, fine; windpipe large<br>Fore quarters:   | 2              |                                       |            |
| Shoulders, sloping moderately, smooth, snug, extending into   |                |                                       |            |
| back<br>Arm, short, carried back  | 3              |                                       |            |
| Forearm, heavily muscled, long, wide  | 2              |                                       |            |
| Knees, wide, clean cut, straight, deep, strongly supported<br>Cannons, short, lean, wide; sinews large, set back        | 2 2            |                                       |            |
| Fetlock, wide, clean, strong, straight  | ī              |                                       |            |
| Pasterns, sloping; strong; length, medium   | 2              | · · · · · · · · · · · · · · · · · · · |            |
| bars strong; frog large, elastic; heel wide, full, vertical   | 7              |                                       |            |
| Chest deep wide low: girth large  | 3              |                                       |            |
| Chest, deep, wide, low; girth large.  Ribs, long, close, well sprung, making round barrel                               | 2              |                                       |            |
| Back, straight, short, broad, muscular<br>Loins, wide, short, thick, level  | $\frac{1}{2}$  |                                       |            |
| Underline, flank low  | ĩ              |                                       |            |
| Hind quarters: Hips, smooth, wide   | 2              |                                       |            |
| Croup, wide, muscular   | 3              |                                       |            |
| Tail, attached medium high, well carried Thighs, full, muscular, thick through hams                                     | $\frac{1}{2}$  |                                       |            |
| Quarters deep heavily muscled   | 4              |                                       |            |
| Gaskins (or lower thighs), wide, muscled, well down<br>Hocks, large, bony, clean cut, broad, thick; lower inside bound- | 2              |                                       |            |
| ary not abrupt.<br>Cannons, upright, wide, short; tendons large, strong, set back.                                      | 7 2            |                                       |            |
| Fetlocks, wide, straight, strong  | ĩ              |                                       |            |
| Pasterns, sloping, strong, medium length<br>Feet, size large, even; horn dense, dark colored; sole concave;             | 2              | · · · · · · · · · · · · · · · · · · · |            |
| bars strong; frog large, elastic; heel wide, one-half length of   |                |                                       |            |
| toe and vertical to the ground  | - 6            |                                       | •••••      |
| Total   |                |                                       |            |
| Estimated market value  |                |                                       |            |

### College of Agriculture of the University of Wisconsin.

|  | Describ!           | Points d         | leficient. |
|--|--------------------|------------------|------------|
| Scale of points.   | Possible<br>score. | Student's score. | Corrected. |
| Age  |                    |                  |            |
| General appearance—29 points: Height, estimated, — hands; actual, — hands. Weight, over 1,500 pounds; estimated, — pounds; score ac- cording to age. Form, broad, massive, proportioned. |                    |                  |            |
| Height, estimated, — hands; actual, — hands  |                    |                  |            |
| Weight, over 1,500 pounds; estimated, — pounds; score ac-  |                    |                  |            |
| Form, broad, massive, proportioned   | 6                  |                  |            |
| Quality, bone clean, strong; tendons lean, well defined; skin  | -1                 |                  |            |
| and hair fine: feather when present silky  | 6                  |                  |            |
| Action, step smooth, quick, long; trot rapid, straight, regular.   | 10                 |                  |            |
| Temperament, energetic; disposition good   | 3                  |                  |            |
| Head and neck—8 points:  |                    |                  |            |
| Head, clean cut; size good   | 1                  |                  |            |
| Muzzle, finc; nostrils large, flexible; lips thin, even<br>Eyes, full, bright, clear   | 1                  |                  |            |
| Forehead, broad, full  | 1                  |                  |            |
| Ears, size medium; well earried  | l î                |                  |            |
| Lower jaw, angles wide; space clean  | î                  |                  |            |
| Neck, muscled, arched; throatlatch fine; windpipe large  | 2                  |                  |            |
| Fore quarters—22 points:   |                    |                  |            |
| Shoulder, slightly sloping, smooth, snug, extending into back.   | 3                  |                  |            |
| Arm, short, thrown back, well set  | 1                  |                  |            |
| Forearm, heavily muscled, long, wide.<br>Knees, clean, wide, straight, deep, strong  | 2                  |                  |            |
| Cannons, short, clean, wide; tendons large, set back   | 2 2                |                  |            |
| Fetlocks, wide, straight, strong   |                    |                  |            |
| Pasterns, wide, straight, strong   | 3                  |                  |            |
| Feet, size large, even; horn dense; sole concave; bars strong;   |                    |                  |            |
| frog large, elastic; heel wide, one-half length of toe and   |                    |                  |            |
| vertical to ground   | 8                  |                  |            |
| Body—9 points:   | 0                  |                  |            |
| Chest, deep, wide, low; girth large<br>Ribs, deep, well sprung, closely ribbed to hip  | 2                  |                  |            |
| Back, straight, short, broad, muscular.  | 9                  |                  |            |
| Loins, thick, wide, short, straight  |                    |                  |            |
| Underline, flank low   | 1                  |                  |            |
| Hind quarters—32 points:   |                    |                  |            |
| Hips, wide, smooth   | 2                  |                  |            |
| Croup, wide, muscular<br>Thighs, deep, heavily muscled   | 3 4                |                  |            |
| Stifles, strong, muscular.   | 4                  |                  |            |
| Gaskins (or lower thighs), wide, muscular.   | 9                  |                  |            |
| Hocks, clean cut, wide, straight, strong   | 2 8                |                  |            |
| Cannons, short, wide: tendons large, set back  | 2                  |                  |            |
| Fetlocks, wide, straight, strong   | 1                  |                  |            |
| Pasterns, strong, sloping, lengthy   | 2                  |                  |            |
| Feet, size large, even; horn dense; color dark; sole concave;  |                    |                  |            |
| bars strong; frog large, elastic; heel wide, one-half length of toe and vertical to ground   | C                  |                  |            |
| or toe and vertical to ground  | 0                  |                  |            |
| Total  | 100                |                  |            |
| ***************************************  | 100                |                  |            |

#### MULES.

### State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.   | Perfect<br>score. | Student's score.                        |
|--|-------------------|---|
| A. General appearance:   |                   |   |
| 1. Weight, 900-1,200 pounds; age, —; color, —  | 4                 |   |
| 3. Conformation, symmetrical, smooth 4. Quality, bones clean; tendons defined; skin and hair fine                                  | 4                 |   |
| 5. Action, step smooth, long, active: trot rapid, straight, regular  | 20                |   |
| 6. Temperament, energetic; good disposition  | 4                 |   |
| 7. Head, well defined: size medium   | 1                 |   |
| 8. Muzzle, fine; nostrils large; lips thin and corresponding<br>9. Eves, full, bright, clear                                       |                   |   |
| 10. Forehead, flat, broad, full.   | 1                 |   |
| 11 Fars large well carried tanering  | 1                 |   |
| 12. Neck, muscled, crested; throatlatch defined; windpipe large  | 2 1               |   |
| 13. Shoulder, long, sloping, well muscled.  14. Arm, short, muscled, thrown well forward and backward; forearm well                | 2                 |   |
| 14. Arm, short, muscled, thrown well forward and backward; forearm well muscled, long, wide  | 3                 |   |
| muscled, long, wide  | , ,               |   |
| tendons well defined   | 4                 |   |
| 16. Fetlocks, wide, straight, strong; pasterns short, clean, straight, angle with ground 45 degrees                                | 4                 |   |
| 17. Feet, size medium, even; horn dense; sole concave; bars strong; frog   |                   |   |
| prominent, elastic; heel wide, high  18. Withers, smooth, well muscled, continuous with neck and back                              | 6 2               | ::::::::::::::::::::::::::::::::::::::: |
| D. Body:   | _                 |   |
| 19. Chest, deep, low; girth large.   | 1 2               |   |
| 20. R10s, iong, sprung, close<br>21. Back straight short well muscled  | 2                 |   |
| 20. Ribs, long, sprung, close 21. Back, straight, short, well muscled 22. Loins, wide, short, thick 23. Underline, long, flank low | 2                 |   |
| 23. Underline, long; flank low   | 1                 |   |
| 24. Hip, smooth, wide, level; croup wide, muscular   | 4                 |   |
| 25 Tail attached high, well carried.   | 1                 |   |
| 26. Thighs, long, well muscled, open angled.<br>27. Quarters, heavily muscled, deep.   | 2                 |   |
| 28. Gaskin, wide, muscled<br>29. Hocks, wide, well defined, strongly supported, straight; cannons short,                           | 2                 |   |
| 29. Hocks, wide, well defined, strongly supported, straight; cannons short, wide; tendons set back                                 | 9                 |   |
| 30. Fetlocks, wide, straight: pasterns, short, angle with ground 55 degrees  |                   |   |
| 31. Feet, medium size, even; horn dense; frog prominent, elastic; bars strong;   |                   |   |
| sole concave; heel high, wide  | 4                 |   |
| Total  | 100               |   |
|  |                   |   |

#### BEEF CATTLE.

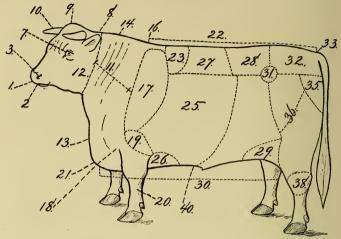
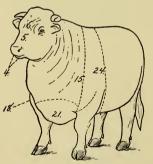


Fig. 2.—Points of beef cattle, side view.

- 1. Muzzle.
  2. Mouth.
  3. Nostril.
  7. Eye.
  8. Ear.
  9. Poll.
  10. Horn.
- 11. Neck. 12. Throat.

- 13. Dewlap.14. Top of neck, or crest.16. Top of shoulder.17. Shoulder.18. Point of shoulder.
- 23. Crops.
  25. Ribs, or barrel.
  26. Fore flank.
  27. Back, or chine.
  28. Loin.
  29. Hind flank.
  30. Underline, or bottom line.
- 31. Hip, point of hip, hook, or hook bone. 32. Rump. 33. Tailhead. 35. Buttocks. 36. Thigh. 38. Hock. 40. Navel.



19. Arm, 20. Shank. 21. Brisket. 22. Topline.

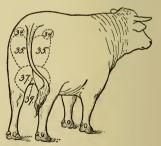


Fig. 3.—Points of beef cattle, front and rear views.

- 4. Lips. 5. Face. 6. Forehead.
- 15. Neek vein, or shoulder vein. 21. Brisket. 24. Girth. 18. Point of shoulder. 34. Pin bond
- 24. Girth, 34. Pin bones.
- 35. Buttocks. 37. Twist. 39. Purse.

# Alabama Polytechnic Institute.

| Scale of points.  | Possible score. | Student's score. | Judge's seore. |
|---|-----------------|------------------|----------------|
| General appearance:   | 10              |                  |                |
| Weight, score according to age.  Form, straight, deep, broad, low set, stylish; top and underline | 10              |                  |                |
| parallelQuality, firm handling; hair fine; skin pliable; bone dense;                              | 10              |                  |                |
| ovenly fleshed  | 10              |                  |                |
| Condition, deep, even covering of firm flesh, especially in region of valuable cuts.              | 10              |                  |                |
| Objections, undersize; unequal development; too fine bone; patchiness.                            |                 |                  |                |
| Head and neck: Muzzle, broad, moist; mouth large; jaw wide; nostrils large                        | 1               |                  |                |
| Eyes, large, clear, placid  | 1               |                  |                |
| Face, short, quiet, expressive<br>Forehead, broad, full   | 1               |                  |                |
| Ears, size medium; texture fine   | i               |                  |                |
| Horns, oval; texture fine; size medium  | 1               |                  |                |
| Neck, short, thick; chest clean<br>Objections, coarse or slim head.                               | 1               |                  |                |
| Fore quarters:  |                 |                  |                |
| Shoulder vein, full, meeting shoulders well   | 2 2             |                  |                |
| Brisket, advanced; breast wide  | 1               |                  |                |
| Dewlap, skin not too loose and drooping.  | î               |                  |                |
| Legs, straight, short: arm full: shank fine, smooth   | 2               |                  |                |
| Objections, coarse or high shoulder points; narrow breast.  |                 |                  |                |
| Body: Chest, full, deep, wide; girth large; crops full  | 4               |                  |                |
| Ribs, long, arched, thickly fleshed   | 8               |                  |                |
| Back, broad, straight, smooth, even   | 10              |                  |                |
| Loin, thick, broad  | 8               |                  |                |
| Flank, full, even with underline  | 2               |                  |                |
| Objections, narrow, shallow chest; thin loin; flat ribs; narrow back.                             |                 |                  |                |
| Hind quarters:  |                 |                  |                |
| Hips, smoothly covered; distance apart in proportion to other                                     |                 |                  |                |
| parts   | 2               |                  |                |
| Rump, long, wide, even; tailhead smooth, not patchy   | $\bar{2}$       |                  |                |
| Pin bones, not prominent, far apart   | 1               |                  |                |
| Thighs, full, deep, wide  | 2 2             |                  |                |
| Purse, full, indicating fleshiness.   |                 |                  |                |
| Legs, straight, short; shank fine, smooth.  |                 |                  |                |
| Total   | 100             |                  |                |
| 10ta1   | 100             |                  |                |

# The State Agricultural College of Colorado.

| Scale of points.  | Perfect<br>score. |
|---|-------------------|
| eneral appearance:  |                   |
| Weight, score according to age  |                   |
| Form, topline and underline straight, deep, broad, low set, stylish   | 1                 |
| Quality, firm handling; hair fine; skin pliable; bone dense; evenly fleshed   | 1                 |
| Condition, deep, even covering of firm flesh, especially in regions of valuable cuts  | 1                 |
| lead and neck:  |                   |
| Muzzle, broad; mouth large; jaw wide; nostrils large  |                   |
| Eyes, large, clear, placid<br>Face, short; expression quiet   |                   |
| Forchead, broad, full   |                   |
| Ears, size medium; texture fine.  |                   |
| Horns, oval; texture fine; size medium.   |                   |
| Neck, thick, short; throat clean  |                   |
| ore quarters;   |                   |
| Shoulder vein, full   |                   |
| Shoulder, covered with flesh, compact on top, smooth  |                   |
| Brisket, advanced; breast wide.   |                   |
| Dewlap, skin not too loose and drooping   |                   |
| Legs, straight, short; arm full; shank fine, smooth.  |                   |
| Body:   |                   |
| Chest, full, deep, wide; girth large; crops full.   |                   |
| Ribs, long, arched, thickly fleshed   |                   |
| Back, broad, straight, smooth, even   | 1                 |
| Loin, thick, broad  |                   |
| Flank, full, even with underline  |                   |
| lind quarters:  |                   |
| Hips, smoothly covered; distance apart in proportion with other parts   |                   |
| Rump, long, wide, even; tail head smooth, not patchy  |                   |
| Pin bones, not prominent, far apart Thighs, full, deep, wide.   |                   |
| Twist, deep, plump  |                   |
| Purse, full, indicating fleshiness  |                   |
| Legs, straight, short: shank fine, smooth.  |                   |
| regis cities and the control of the |                   |
| Total   | 10                |

# College of Agriculture of the University of Illinois.

| Scale of points.   | Possible score. | Student's score. | Corrected. |
|--|-----------------|------------------|------------|
| General appearance—40 points:  |                 |                  |            |
| Weight, estimated, — pounds; actual, — pounds; according to age  Form, topline and underline straight, deep, broad, low set, | .10             |                  |            |
| stylish.  Quality, handling firm; hair fine; skin pliable; bone dense,   | 10              |                  |            |
| clean; evenly fieshed, without ties or rolls   | 10              |                  |            |
| gion of valuable cuts.  Head and neck—7 points:  | 10              |                  |            |
| Head and neck-7 points: Muzzle, mouth large; lips thin; nostrils large Eyes, large, clear, placid                            |                 |                  |            |
| Face, short, quiet, expressive<br>Forehead, broad, full  | 1               |                  |            |
| Ears, size medium; texture fine  | 1               |                  |            |
| Fore quarters—9 points:<br>Shoulder vein, full   |                 |                  |            |
| Shoulder, covered with flesh, compact on top, snug<br>Brisket, advanced; breast wide   | 3               |                  |            |
| Dewlap, skin not too loose and drooping<br>Legs, straight, short; arm full; shank fine, smooth                               | 1               |                  |            |
| Body-30 points:<br>Chest, full, deep, wide; girth large; crops full.   |                 |                  |            |
| Ribs, long, arched, thickly fleshed.  Back, broad, straight  | 8               |                  |            |
| Loin, thick, broad<br>Flank, full, even with underline   | 8               |                  |            |
| Hind quarters—14 points; Hips, smoothly covered; distance apart in proportion with   |                 |                  |            |
| other parts  | 2               |                  |            |
| Pin bones, not prominent, far apart Thighs, full   | 1 3             |                  |            |
| Twist, deep, plump, indicating fleshiness. Legs, straight, short; shank, fine, smooth.                                       | 4 2             |                  |            |
| Total  | 100             |                  |            |

#### School of Agriculture of Purdue University.

Same as the Illinois card (see p. 42), with the following exceptions: Under face, omit "quiet;" under rump, read "tailhead wide, smooth, not patchy." There are also some slight differences in phraseology.

#### Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points.   | Perfect<br>score.          |
|--|----------------------------|
| General appearance:  1. Weight, — pounds; score according to age 2. Form, topline and underline straight; deep, broad, low set, stylish  | 10<br>10<br>10             |
| Head and neck: 5. Muzzle, broad; mouth large; jaw wide; nostrils large 6. Eyes, large, clear, placid 7. Face, short; expression quiet 8. Forehead, broad, full 9. Ears, size medium; texture fine 10. Horns, oval; texture fine; size medium 11. Neck, thick, short; throat clean  | 1<br>1<br>1<br>1<br>1      |
| Fore quarters:  12. Shoulder, covered with flesh, compact on top, smooth.  13. Shoulder, covered with flesh, compact on top, smooth.  14. Brisket, advanced; breast wide  15. Dewlap, skin not too loose and drooping.  16. Legs, straight, short; arm full; shank fine, smooth  Body:                                   | 2<br>2<br>1<br>1           |
| i7. Chest, full, deep, wide; girth large; crops full 18. Ribs, long, arched, thickly fleshed. 19. Back, broad, straight, smooth, even 20. Loin, thick, broad. 21. Flank, full, even with underline. Hind quarters:   | 10<br>8<br>2               |
| 22. Hips, smoothly covered; distance apart in proportion with other parts. 23. Rump, long, wide, even; tailhead smooth, not patchy. 24. Pin bones, not prominent, far apart. 25. Thighs, full, deep, wide. 26. Twist, deep, plump. 27. Purse, full, indicating fleshiness 28. Legs, straight, short; shank fine, smooth. | 2<br>1<br>2<br>2<br>2<br>2 |
| Total  | 100                        |

#### Kansas State Agricultural College.

Same as the Iowa card (see above) for beef cattle, with the following exceptions: Under quality, read "firm handling; hair fine; skin pliable; bone dense; evenly fleshed." Under shoulder, omit "compact on top, smooth."

#### Agricultural and Mechanical College of Kentucky.

Same as Iowa card (see above), except that under quality read "firm handling; hair fine; skin pliable; bone dense; evenly fleshed."

#### Maryland Agricultural College.

Same as Michigan card (see p. 44), with one exception: Under twist, read "deep, full."

# Michigan State Agricultural College.

| Scale of points.  | Per-<br>fect.                   | Student's estimate. | Corrected. |
|---|---------------------------------|---------------------|------------|
| General appearance: Age, estimated, —; corrected, —. Weight, estimated, — pounds; corrected, — pounds. Form, square, blocky, broad, top and bottom lines straight Quality, half fine, soft; skin mellow, loose, pliable, of medium thickness; bone fine, clean. Temperament, quiet Style          | 8<br>3<br>1                     |                     |            |
| Head and neck:  Muzzle, clean cut, fine; mouth large; lips thin; nostrils wide, open. Face, short, clean, symmetrical. Eyes, full, bright, placid Forchead, broad Ears, size medium; texture fine; covered with fine hair. Horn, waxy; texture fine. Neck, thick, short, set firmly on shoulders. | 2<br>1<br>1<br>1<br>1           |                     |            |
| Fore quarters: Shoulder, compact, well covered with flesh Chest, full, deep, thick through the heart Brisket, deep, moderately projecting; breast wide Legs, straight, short, wide apart, strong; bone clean; armfull   | 7<br>4<br>2                     |                     |            |
| Body: Girth, feet, inches Crops, full Ribs, well sprung, arched, deep Back, broad, straight, short. Loin, full, thick, broad. Flank, full, low, thick, making underline straight.   | 3<br>5<br>5                     |                     |            |
| Hind quarters: Hips, wide apart, smooth Rump, long, level, wide Pin bones, not prominent, far apart Tail, base smooth; bone fine, clean; hair of switch fine Thigh, full, well fleshed Twist, deep Purse, full Legs, short, straight; bone fine, clean  | 4<br>5<br>3<br>2<br>4<br>5<br>2 |                     |            |
| Total   | 100                             |                     |            |

# College of Agriculture of the University of Minnesota.

| Scale of points.  | Perfect<br>score. |
|---|-------------------|
| General appearance: 1. Weight, score according to age   | 10                |
| Weight, score according to age.     Form, topline and underline straight; deep, broad, low set, stylish.     Quality, hair fine; skin pilable; bone dense; flesh firm, even, deep, especially in    | 10<br>12          |
| regions of valuable cuts 4. Condition, good health; vigorous; fat abundant, evenly distributed Head and neck:   |                   |
| 5. Muzzle, broad; mouth large; jaw wide; nostrils large 6. Eyes, large, clear, placid   | 1                 |
| 7. Face, short; expression quiet.<br>8. Forehead, broad, full<br>9. Ears, size medium; texture fine   | 1                 |
| 10. Horns, oval; texture fine; size medium  | 1                 |
| Fore quarters: 12. Shoulder vein, full 13. Shoulder, covered with flesh, compact on top, smooth   | 2 2               |
| 14. Brisket, advanced; breast wide  | 1                 |
| 16. Legs, straight, short; arm full; shank fine, smooth   | 2                 |
| 17. Chest, full, deep, wide; girth large; crops full. 18. Ribs, long, arched, thickly fleshed. 19. Back, broad, straight, smooth, even 20. Loin, thick, broad 21. Flank, full, even with underline. | 8<br>10           |
| 20. Loin, thick, broad. 21. Flank, full, even with underline.   | 8 2               |
| Hind quarters: 22. Hips, smoothly covered; distance apart in proportion with other parts 23. Rump, long, wide, even; tail head smooth, not patchy. 24. Pin bones, not prominent, far apart.         | 2<br>2<br>1       |
| 25. Thighs, full, deep, wide  | 1 4               |
| 26. Twist, deep, plump. 27. Purse, full, indicating fleshiness 28. Legs, straight, short; shank fine, smooth  | 1                 |
| Total   |                   |
|   |                   |

# College of Agriculture and the Mechanic Arts of the University of Missouri.

| Scale of points.  | Per-<br>fect.                   | Student's estimate. | Corrected. |
|---|---------------------------------|---------------------|------------|
| General appearance: Age, estimated, —; corrected, — Weight, estimated, — pounds; corrected, — pounds. Form, square, blocky, broad; top and bottom lines straight Quality, fine, soft hair; skin mellow, loose, pliable, of medium thickness; bone fine, clean Temperament, quiet                          | 8                               |                     |            |
|   | 19                              |                     |            |
| Head and neck:  Muzzle, clean cut, fine; mouth large; lips thin; nostrils wide, open.  Face, short, not lean  Eyes, full, bright, clean.  Forehead, broad, full, high.  Ears, size medium; texture fine; covered with fine hair.  Horn, waxy; texture fine.  Neck, thick, short, set firmly on shoulders. | 3<br>1<br>1<br>1<br>1<br>1<br>3 |                     |            |
| Fore quarters: Shoulder vein, full Shoulder, compact, well covered with flesh Chest, full, deep, thick through the heart Brisket, deep, moderately projecting; breast wide. Legs, straight, short, wide apart; bone strong, clean; arm full   | 3<br>3<br>5<br>1<br>3           |                     |            |
| Body: Girth, large; estimated, —; corrected, —. Crops, full Ribs, well sprung, arched, deep, thick fleshed. Back, broad, straight, short Loin, full, thick, broad. Flank, full, low, thick, making underline straight.  | 4<br>3<br>5<br>5<br>6           |                     |            |
| Hind quarters: Hips, wide apart, smooth Rump, long, level, wide. Pin bones, not prominent, far apart Tail, base smooth, bone fine, clean; hair of switch fine. Thigh, full, well fleshed. Twist, deep. Legs, short, straight; bone fine, clean.   | 5                               |                     |            |
| Total   |                                 |                     |            |

#### New Hampshire College of Agriculture and the Mechanic Arts.

|   | Perfect | Points d         | eficient.  |
|---|---------|------------------|------------|
| Scale of points.  | score.  | Student's score. | Corrected. |
| A. General appearance:  |         |                  |            |
| Weight, estimated, — pounds; actual, — pounds; score ac-                              | 5       |                  |            |
| cording to age  | 8       |                  |            |
| Quality, handling firm: hair fine: skin pliable: bone dense:                          |         |                  |            |
| evenly fleshed.<br>Style, active, upstanding.   | î       |                  |            |
| Temperament   | 5       |                  |            |
| B. Head and neck:   |         |                  |            |
| Muzzle, fine; mouth large; lips thin; nostrils large Eyes, large, clear, placid       |         |                  |            |
| Face, short: expression quiet   | 1       |                  |            |
| Forehead, broad, full   | 1       |                  |            |
| Ears, size medium; texture fine<br>Neck, thick, short; throat clean                   | 1       |                  |            |
| C. Fore quarters:   | 2       |                  |            |
| Shoulder vein full  | 3       |                  |            |
| Shoulder, covered with flesh, compact on top, snug                                    | -4      |                  |            |
| Brisket, advanced; breast wide  Dewlap, skin not too loose and drooping               | 2       |                  |            |
| Legs, straight, short; arm full; shank fine, smooth                                   | 3       |                  |            |
| D Body:   |         |                  |            |
| Chest, full, deep, wide; girth large; crops full. Ribs, long, arched, thickly fleshed | 10      |                  |            |
| Back, broad, straight   | 6       |                  |            |
| Loin, thick, broad  |         |                  |            |
| Flank, full, even with underline  | 3       |                  |            |
| E. Hind quarters:   |         |                  |            |
| Hips, smoothly covered; distance apart in proportion with other parts                 | 1       |                  |            |
| Rump, long, even, wide; tailhead smooth, not patchy                                   | 5       |                  |            |
| Pin bones, not prominent, far apart   | 3       |                  |            |
| Thighs, full Twist, deep, plump   | 3       |                  |            |
| Twist, deep, plump<br>Purse, full, indicating fleshiness                              | 4 2     |                  |            |
| Legs, straight, short; shank fine, smooth   |         |                  |            |
|   |         |                  |            |
| Total   | 100     |                  |            |
|   |         |                  | 1          |

#### New Mexico College of Agriculture and Mechanic Arts.

Same as the Iowa card (see p. 43) for beef cattle, with the following exception: Under quality, read "firm handling; hair fine; skin pliable; bone dense; evenly fleshed."

#### North Carolina College of Agriculture and Mechanic Arts.

Same as the New Hampshire card (see above) for beef cattle.

### North Dakota Agricultural College.

|   |                   | Points d         | eficient.  |
|---|-------------------|------------------|------------|
| Scale of points. a  | Perfect<br>score. | Student's score. | Corrected. |
| eneral appearance:  |                   |                  |            |
| Weight, estimated, —— pounds; according to age                                  |                   |                  |            |
| stylish Quality, handling firm; hair fine; skin pliable; bone dense;            | 8                 |                  |            |
| evenly fleshed  | 8                 |                  |            |
| Temperament, quiet  | 5                 | ······           |            |
| Muzzle, mouth large; lips thin; nostrils large                                  | 1                 |                  |            |
| Eyes, large, clear, placid<br>Face, short; expression quiet.                    | 1                 |                  |            |
| Face, snort; expression quiet   | 1                 |                  |            |
| Ears, size medium; texture fine   | 1                 |                  |            |
| Neck, thick, short; throat clean  | 2                 |                  |            |
| Shoulder vein, full   | 3                 |                  |            |
| Shoulder, covered with flesh, compact on top, snug                              | 4                 |                  |            |
| Brisket, advanced; breast wide  | 1                 |                  |            |
| Legs, straight, short; arm full; shank fine, smooth                             | 3                 |                  |            |
| Body:   | 8                 |                  |            |
| Čhest, full, dcep, wide; girth large; crops full                                | 8 6               |                  |            |
| Back, broad, straight   | 6                 |                  |            |
| Loins, thick, broad   | 5                 |                  |            |
| Flank, full, even with underline  | 4                 |                  |            |
| Hips, smoothly covered; distance apart in proportion with other                 |                   |                  |            |
| parts.<br>Rump, long, even, wide; tailhead smooth, not patehy                   | 4                 |                  |            |
| Pin bones, not prominent, far apart   | 3                 |                  |            |
| Thighs, full  | 3                 |                  |            |
| Twist, deep, plump  | 4                 |                  |            |
| Purse, full, indicating fleshiness<br>Legs, straight, short; shank fine, smooth | 2 3               |                  |            |
|   |                   |                  |            |
| Total   | 100               |                  |            |

a After Craig.

## The College of Agriculture and Domestic Science, Ohio State University.

|   |                   |                  | leficient. |
|---|-------------------|------------------|------------|
| Scale of points.  | Perfect<br>score. | Student's score. | Corrected. |
| Jeasurements:   |                   |                  |            |
| Height, at withers, — hands; height at sternum, — hands   |                   |                  |            |
| Heart girth, —; length of body, —<br>Weight, estimated, — pounds; actual, — pounds.   |                   |                  |            |
| A. General appearance:  |                   |                  |            |
| Size, score according to age and breed; mature bulls, 2,000; ma-  | 8                 |                  |            |
| ture cows, 1,600; 30-month steers, 1,500 pounds   | 0                 |                  |            |
| topline and underline straight; equally and smoothly devel-   |                   |                  |            |
| oped throughout; symmetrical.   | 8                 |                  |            |
| Quality, hair, soft, silky, assuming a thick furry character in<br>winter, not coarse, wiry, or harsh; skin rather thick, pliable |                   |                  |            |
| to touch, not papery, covering a mellow elastic cushion of  |                   |                  |            |
| evenly distributed flesh; bone dense, clean   | 19                |                  |            |
| Constitution and temperament, vigorous, but mild and quiet;<br>carriage graceful; step firm; bulls showing masculinity and        |                   |                  |            |
| individuality; cows showing femininity and refinement   | 4                 |                  |            |
| <ol> <li>Head:<br/>Size, medium; parts well defined; substantial; face rather short.</li> </ol>                                   | 1                 |                  |            |
| Muzzle, broad, full; mouth and nostril large  |                   |                  |            |
| Eyes, large, clear, placid, wide apart  | 1                 |                  |            |
| Forehead, broad, only moderately dished; in bulls preferably full.  | 1                 |                  |            |
| Horns, texture good; neat, but strong, typical of breed<br>Ears, size and texture medium; broad rather than long; under           | 1                 |                  |            |
| good control  | 1                 |                  |            |
| 7. Fore quarters:  Neck, thick, short, insensibly joining the body at all points:   |                   |                  |            |
| Neck, thick, short, insensibly joining the body at all points;<br>throat clean; bulls showing decided crest                       | 3                 |                  |            |
| Shoulders, not too prominent; blades well covered with flesh  | 1                 |                  |            |
| and not too upright; compact on top  Breast, broad, deep; brisket advanced; dewlap not too loose and                              | 4                 |                  |            |
| drooping  | 3                 |                  |            |
| Legs, short, straight, well placed; arm full; shank fine  | 2                 |                  |            |
| Chest, deep, wide, full; heart girth large; crops filling up even   |                   |                  |            |
| behind shoulders; sternum level, full; stomach not too promi-   |                   |                  | }          |
| nent, making underline straight.  Back, broad, level, straight, well covered with flesh; spinal col-                              | 10                |                  |            |
| umn not evident   | 8                 |                  |            |
| Loin, broad, level, straight, well covered with flesh   | 6                 |                  |            |
| Ribs, long, convex, close, thickly fleshed, not evident   | 4 8               |                  |            |
| E. Hind quarters:   | , v               |                  |            |
| - Hips, wide apart but not prominent, especially in bulls; well and   |                   |                  |            |
| smoothly covered  | 4                 |                  |            |
| lines from hips to tailhead and to pin bones; pin bones good  |                   |                  |            |
| distance apart, but not prominent or patchy  Tail, flat and broad at root, fitting closely and smoothly to back                   | 8                 |                  |            |
| line: fine  | 1                 |                  |            |
| Thighs, carrying large amount of flesh, as indicated by width,  | _                 |                  |            |
| . thickness, and by well descended, square, upright or slightly   |                   |                  |            |
|   |                   |                  |            |
| rounded bullocks and low twist; in steers, purse full, indica-<br>ting fleshiness   | 5                 |                  |            |
| ting fleshiness   |                   |                  |            |
| ting fleshiness   | 3                 |                  |            |

### Oklahoma Agricultural and Mechanical College.

| Scale of points.  | Possible score. | Name of animal. |
|---|-----------------|-----------------|
| General appearance—40 points:   |                 |                 |
| Weight, 12 months, \$00 pounds; 18 months, 1,100 pounds; 24 months, 1,300 pounds; 36 months, 1,700 pounds. Estimated, — pounds; actual — pounds; score according to age | 10              |                 |
| — pounds; actual — pounds; score according to age — .  Form, topline and underline straight; deep, broad, low set,  | 10              |                 |
| stylish • Quality, firm handling; hair fine; skin pliable; bone dense,  |                 |                 |
| clean; evenly fleshed, without ties or rolls  | 10              |                 |
| region of valuable cuts   | 10              |                 |
| Head and neck—7 points:  Muzzle, broad; lips moderately thin; nostrils large  | 1               |                 |
| Eyes, large, clear, placid  | î               |                 |
| Face, short; expression quiet<br>Forehead, broad, full  | 1               |                 |
| Forenead, broad, full   | 1               |                 |
| Ears, size medium; texture fine   | 2               |                 |
| Fore quarters—9 points:   | 0               |                 |
| Shoulder vein, full   | 3               |                 |
| Brisket, advanced: breast wide  | 1               |                 |
| Dewlap, skin not too loose and drooping   | 1               |                 |
| Legs, straight, short; arm full; shank fine, smooth   | 2               |                 |
| Chest, wide, deep, full; girth large; crops full  | 4               |                 |
| Ribs, long, arched, thickly fleshed   | 8               |                 |
| Back, broad, straight, smooth.  Loin, thick, broad, extending well forward  | 8               |                 |
| Flank, full, even with underline  |                 |                 |
| Hind quarters—14 points:  |                 |                 |
| Hips, smoothly covered; distance apart in proportion to other parts.  | 2               |                 |
| Rump, long, wide, even; tailhead smooth, not patchy   | 2               |                 |
| Pin bones, not prominent, far apart   | 1               |                 |
| Thighs, full, wide. Twist, plump, deep; purse in steers full, indicating fleshiness.  | 3               |                 |
| Legs, straight, short; shank fine, smooth   | 2               |                 |
| Total   | 100             |                 |
| 10(0)   | 100             |                 |

### Oregon State Agricultural College.

| Scale of points.  | Possible score. | Student's estimate. | Corrected. |
|---|-----------------|---------------------|------------|
| 1. Weight, estimated, — pounds; actual, — pounds.   | 6               |                     |            |
| 2. Form, topline and underline straight; deep, broad, low set 3. Quality, firm handling; hair fine; skin pliable; bone dense; | 8               |                     |            |
| evenly fleshed.<br>4. Style, active, upstanding   | 8               | -,                  |            |
| 1. Style, active, upstanding  | 1               |                     |            |
| 5. Temperament  | 1               |                     |            |
| 7. Eyes, large, clear, placid   | 1               |                     |            |
| 8. Face, short: expression quiet  | i               |                     |            |
| 9. Forehead, broad, full<br>0. Ears, size medium; texture fine  | î               |                     |            |
| D. Ears, size medium; texture fine  | 1               |                     |            |
| l. Neck, thick, short: throat clean   | 2               |                     |            |
| 2. Shoulder vein, full  | 3               |                     |            |
| 3. Shoulders, covered with flesh, compact on top, snug  | 4               |                     |            |
| 4. Brisket, advanced; breast wide<br>5. Dewlap, skin not too loose and drooping.  | 2               |                     |            |
| 6. Legs, straight, short; arm full; shank fine, smooth  | 3               |                     |            |
| 7. Chest, full, deep, wide; girth large; crops full   | 10              |                     |            |
| 8. Ribs, long, arched, thickly fleshed  | 5               |                     |            |
| 9. Back, broad, straight  | 6               |                     |            |
| 0. Loin, thick, broad   | 6               |                     |            |
| l. Flank, full, even with underline   | 2               |                     |            |
| 2. Hips, smoothly covered; distance apart in proportion with  |                 |                     |            |
| other parts   | -4              |                     |            |
| 3. Rump, long, even, wide: tailhead smooth, not patchy  | 5               |                     |            |
| 4. Pin bones, not too prominent, far apart, level   | 3               |                     |            |
| 5. Thighs, full   | 4               |                     |            |
| 6. Twist, deep, plump<br>7. Legs, straight, short; shank fine, smooth   | 4 3             |                     |            |
| . Legs, straight, short, shank line, shooth   | 3               |                     |            |
| Total   | 100             |                     |            |

### The Pennsylvania State College.

|   | Deefeet   | Points d         | eficient.  |
|---|---|------------------|------------|
| Scale of points.  | Perfect<br>score.   | Student's score. | Corrected. |
| General appearance: Weight, estimated, — pounds, according to age. Form, topline and underline straight; deep, broad, low set, stylish. Quality, firm handling; hair fine; skin pliable; bone dense; evenly fleshed. Head and neek: Muzzle, mouth large; lips thin; nostrils large. Eyes, large, clear, placid. Face, short; expression quiet. Ears, size medium; texture fine. Neek, thick, short; throat clean. Fore quarters: Shoulder vein, full. Shoulder, covered with flesh, compact on top, snug. Brisket, advanced; breast wide. Dewlap, skin not too loose and drooping. Legs, straight, short; arm full; shank fine, smooth. Body: Chest, full, deep, wide; girth large; crops full. Ribs, long, arched, thickly fleshed. Body, Legn, thick, broad. Flank, full, even with underline. Hind quarters: Hips, smoothly covered; distance apart in proportion with other parts Rump, long, even, wide; tailhead smooth, not patchy. Plu bones, not prominent, far apart. | 8 8 5 5 1 1 1 1 1 1 2 2 2 2 1 3 8 6 6 6 5 5 4 4 5 5 3 3 3 | score.           |            |
| Twist, deep, plump. Purse, full, indicating fleshiness Legs, straight, short; shank fine, smooth  | 2   |                  |            |
| Total   | 100   |                  |            |

### South Dakota Agricultural College.

Same as the Iowa card (see p. 43) for beef cattle.

### State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.  | Possible score. | Student's score. |
|---|-----------------|------------------|
| . General appearance:   |                 |                  |
| 1. Estimated weight, — pounds; actual, — pounds   |                 |                  |
| 2 Weight according to age: yearling 800: two-year 1200  | 5               |                  |
| Weight, according to age; yearling, 800; two-year, 1,200.     Form, deep, broad, low set; with straight topline and underline | 6               |                  |
| 4. Quality, hair fine; skin pliable; bone dense; all parts evenly covered with  |                 |                  |
| firm flesh  |                 |                  |
| 5. Style, active, sprightly<br>6. Temperament, neither sluggish nor wild  | 1               |                  |
| 6. Temperament, neither sluggish nor wild   | 1 4             |                  |
| 7. Constitution, vigorous, robust, showing size and substance   | 4               |                  |
| 3. Head and neck:   |                 |                  |
| 8. Muzzle, fine; mouth large; lips thin; nostrils large   |                 |                  |
| 9. Eyes, large, clear, placid.  | 1               |                  |
| 10. Face, short; expression quiet.  | 1               |                  |
| 11. Forehead, broad, full   | 1               |                  |
| 12. Ears, medium in size and fine in texture  | 1               |                  |
| 13. Neck, thick, short; throat clean  | 2               |                  |
| Fore quarters:  |                 |                  |
| 14. Shoulder vein, full.<br>15. Shoulders, smooth, well fleshed, compact on top   | 2               |                  |
| 15 Shoulders smooth well fleshed compact ou ton   | 4               |                  |
| 16. Bricket extending well forward, tompact wide  | 9               |                  |
| 17. Dowler light  | 1               |                  |
| 17. Dewlap, light   | 1               |                  |
| ). Body:  | 3               |                  |
|   |                 |                  |
| 19. Chest, full, deep, wide; girth large; crops full.   | 10              |                  |
| 20. Ribs, long, well arched, thickly fleshed  | 5               |                  |
| 21. Back, broad, straight   | 6               |                  |
| 22. Loin, thick, broad  | 5               |                  |
| 23. Flank full, even with underline   | 3               |                  |
| L. Hind quarters:   |                 |                  |
| 24. Hips, smooth, proportionately wide  | 4               |                  |
| 25. Rump, long, even, wide; tailhead smooth   | 5               |                  |
| 26. Pin bones, smooth, well set apart   | 3               |                  |
| 27. Thighs, full  | 3               |                  |
| 28. Twist, deep, plump  | 4               |                  |
| 29. Purse, full   |                 |                  |
| 30. Legs, straight, short; shank fine, smooth   |                 |                  |
| 31. Tail. fine  | 1               |                  |
| or. ran, mie  | 1               |                  |
| Total   | 100             |                  |
| 10001   | 100             |                  |

### State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.   | Perfect<br>score. | Student's score. |
|--|-------------------|------------------|
| I. Primary considerations:   |                   |                  |
| 1. Weight. — pounds  |                   |                  |
| 2. Size and substance, for age.  | 3                 |                  |
| Size and substance, for age.     Style, attractive, sprightly; breeding apparent   | 4                 |                  |
| 4. Appearance, square, blocky, rectangular   | 4                 |                  |
| <ol><li>Quality, skin thin, loose, elastic, mellow; flesh firm; hair soft, fine, silky.</li></ol>  | 5                 |                  |
| II. Nervous energy:  |                   |                  |
| 6. Temperament, active, controlled 7. Eyes, large, clear, bright, mild, placid, free from white  | 5                 |                  |
| 7. Eyes, large, clear, bright, mild, placid, free from white   | 6                 |                  |
| 8. Forehead, broad, high   | 3                 |                  |
| 7. Deek mack tead, broad, high<br>8. Forehead, broad, high<br>9. Ears, broad, thin, active<br>10. Spinal column, long, well covered.                 | 2                 |                  |
| 10. Spinal column, long, well covered  | 6                 |                  |
| 11. Navel, large, denned   | 2                 |                  |
| III. Structural anatomy:<br>12. Contour, clean-cut, smooth, correlated, symmetrical, free from patchi-   |                   |                  |
| ness and offal   |                   |                  |
| 13. Head, medium in size; muzzle refined; mouth large; face short  | 1                 |                  |
| 14. Neck, full, medium length, cylindrical; throat clean; dewlap light   | 1                 |                  |
| 15. Withers, broad on top, well fleshed; shoulder well covered, slanting   | 1                 |                  |
| 16. Back, straight, strong, well covered   |                   |                  |
| 17 Loin broad strong well govered  | 2 3               |                  |
| 17. Loin, broad, strong, well covered. 18. Pelvic arch, suppressed, well covered; pin bones wide.  | 2                 |                  |
| 19 Flank low twist full thigh full required  | ĩ                 |                  |
| <ol> <li>Flank, low; twist full; thigh full, recurved</li> <li>Bones, medium; joints fine, flat; horns small, waxy; tail long, bone fine.</li> </ol> | 9                 |                  |
| IV. Digestion and assimilation:  | _                 |                  |
| 21. Nostrils, medium-sized, clear, bright  | 1                 |                  |
| 22. Breast and brisket, prominent, full, low   | 1                 |                  |
| 23. Chest, wide, deep, long: girth large   | 8                 |                  |
| 24. Barrel, medium long, broad, cylindrical, deep, capacious   | 9                 |                  |
| 24. Barrel, medium long, broad, cylindrical, deep, capacious.<br>25. Ribs, flat, close together, well sprung   | 3                 |                  |
| 26. False ribs, well developed   | 3                 |                  |
| V. Essential qualities:  |                   |                  |
| 27. Straight top, side, and bottom lines; large girths at flank; navel and loin  |                   |                  |
| of about equal dimensions  | 4                 |                  |
| 28. Close conformation; evenly and deeply covered with firm, springy flesh,  |                   |                  |
| free from patchiness   |                   |                  |
| 29. Muscular and meaty, in loin and hind quarter.  | 4                 |                  |
| 30. Good size and weight, for age, indicating early maturity   | 3                 |                  |
| 31. Constitution, good; bone sufficient for weight.  | 3                 |                  |
| m.,)   | 100               |                  |
| Total  | 100               |                  |

### Agricultural College of Utah.

|  |                | Score.     |           |  |
|--|----------------|------------|-----------|--|
| Scale of points.   | Stand-<br>ard. | Student's. | Corrected |  |
| General appearance:  |                |            |           |  |
| Age, estimated, —; corrected, —. Weight, estimated, — pounds; corrected, — pounds; score |                |            |           |  |
| Weight, estimated, — pounds; corrected, — pounds; score                                  |                |            |           |  |
| according to age   | 4              |            |           |  |
| stylish  | 10             |            |           |  |
| Quality, firm handling; hair fine; skin pliable; bone dense;                             |                |            |           |  |
| evenly fleshed.  | 10             |            |           |  |
| Temperament, quiet   | 4              |            |           |  |
| Head and neck:   |                |            |           |  |
| Muzzle, clean cut, fine; mouth large; lips thin; nostrils large                          | 1              |            |           |  |
| Eyes, large, clear, placid   | 1              |            |           |  |
| Face, short, not lean; expression quiet. Forehead, broad, full.                          | i              |            |           |  |
| Ears, size medium; texture fine  | î              |            |           |  |
| Neck, thick, short; throat clean   |                |            |           |  |
| Fore quarters:   |                |            |           |  |
| Shoulder vein, full  | 3              |            |           |  |
| Shoulder, covered with flesh, compact on top, snug                                       | 3              |            |           |  |
| Withers, wide, level.  | 1              |            |           |  |
| Brisket, advanced; breast wide  Dewlap, skin not too loose and drooping, mellow          | 1              |            |           |  |
| Legs, straight, short; arm full; shank fine, smooth; wide apart.                         | 1 9            |            |           |  |
| Body:  | -              |            |           |  |
| Chest, full, deep, wide; girth large; crops full   | 8              |            |           |  |
| Girth. — feet. — inches  |                |            |           |  |
| Crops, full, filling up even behind shoulder   | 4              |            |           |  |
| Ribs, long, close, arched, thickly fleshed   | 3              |            |           |  |
| Back, broad, straight, short   | 6              |            |           |  |
| Loin, thick, broad, full. Flank, full, even with underline.                              | 5              |            |           |  |
| Flank, full, even with underline   | 3              |            |           |  |
| lind quarters:  Hip, smoothly covered; distance apart in proportion to other             |                |            |           |  |
| nip, smoothly covered, distance apart in proportion to other                             | 4              |            |           |  |
| parts<br>Rump, long, even, wide; tailhead smooth, not patchy                             | 5              |            |           |  |
| Pin bones, not prominent, far apart  | 3              |            |           |  |
| Thighs, full, well fleshed   | 3              |            |           |  |
| Twist, deep, plump   | 4              |            |           |  |
| Purse, full, indicating fleshiness   | 2              |            |           |  |
| Legs, straight, short; shanks fine, smooth   | 3              |            |           |  |
| Motel  | 100            |            |           |  |
| Total  | 100            |            |           |  |

### Virginia Agricultural and Mechanical College and Polytechnic Institute.

Same as the Iowa card (see p. 43) for beef cattle

# Washington Agricultural College and School of Science.

|   | D. C              | Points d         | eficient.       |
|---|-------------------|------------------|-----------------|
| Scale of Points.  | Perfect<br>score. | Student's score. | Cor-<br>rected. |
| A. General appearance—28:   |                   |                  |                 |
| Weight, estimated, — pounds; according to age.<br>Form, topline and underline straight; deep, broad, low set.<br>Quality, handling firm; hair fine; skin pliable; bone dense; | 6                 |                  |                 |
| Form, topline and underline straight; deep, broad, low set  | 8                 |                  |                 |
| Quality, handling firm; hair fine; skin pliable; bone dense;  |                   |                  |                 |
| evenly fleshed.<br>Style, active, upstanding.   | 8                 |                  |                 |
| Style, active, upstanding   | 1                 |                  |                 |
| Temperament   | 5                 |                  |                 |
| B. Head and neck—7:   |                   |                  |                 |
| Muzzle, fine; mouth large; lips thin; nostrils large  | 1                 |                  |                 |
| Eyes, large, clear, placid  | 1                 |                  |                 |
| Face, short; expression quiet   | 1                 |                  |                 |
| Forehead, broad, full   | 1                 |                  |                 |
| Ears, size medium; texture fine   | 1                 |                  |                 |
| Neck, thick, short; throat clean  | 2                 |                  |                 |
| C. Fore quarters—12:  |                   |                  |                 |
| Shoulder vein, full   | 2                 |                  |                 |
| Shoulder, covered with flesh, compact on top, snug  | 4                 |                  |                 |
| Brisket, advanced; breast wide  | 2                 |                  |                 |
| Dewlap, skin not too loose and drooping.  | 1                 |                  |                 |
| Legs, straight, short; arm full; shank fine, smooth   | 3                 |                  |                 |
| D. Body—29;   | 10                |                  |                 |
| Chest, full, deep, wide; girth large; crops full. Ribs, long, arched, thickly fleshed.  | 10                |                  |                 |
| Back, broad, straight.  | 0                 |                  |                 |
| Back, broad, straight   | D D               |                  |                 |
| Loin, thick, broad.<br>Flank, full, even with underline.  | 9                 |                  |                 |
| E. Hind quarters—24:  | 9                 |                  |                 |
| Hips, smoothly covered, distance apart in proportion with other   |                   |                  |                 |
| parts   | 4                 |                  |                 |
| Rump, long, even, wide; tailhead smooth, not patchy   | 5                 |                  |                 |
| Pin bones, not prominent, far apart.  | 9                 |                  |                 |
| Thighs, full  |                   |                  |                 |
| Twist doon nlumn  | 4                 |                  |                 |
| Twist, deep, plump. Purse, or udder, full, indicating fleshiness.   | 2                 |                  |                 |
| Legs, straight, short; shank fine, smooth   | 9                 |                  |                 |
| nego, omaigne, onore, onank nne, smooth   | - 0               |                  |                 |
| Total   | 100               |                  |                 |
| 1000  | 100               |                  |                 |

# College of Agriculture of the University of Wisconsin.

|   | D                  | Points d         | leficient. |
|---|--------------------|------------------|------------|
| Scale of points.  | Possible<br>score. | Student's score. | Corrected. |
| General appearance—26 points:   |                    |                  |            |
| Weight estimated nounds according to age                                  | . 6                |                  |            |
| Weight, estimated, — pounds; according to age                             |                    |                  |            |
| Quality, handling firm; hair fine; skin pliable; bone fine;               | 0                  |                  |            |
| evenly fleshed  | l R                |                  |            |
| Style, active, upstanding.  |                    |                  |            |
| Temperament, quiet, docile.   | 3                  |                  |            |
| Head and neck—8 points:   | 9                  |                  |            |
| Muzzle, good size; mouth large; lips thin; nostrils large                 | 9                  |                  |            |
| Eyes, large, clear, placid  |                    |                  |            |
| Face, short; expression quiet   | 1                  |                  |            |
|   |                    |                  |            |
| Forehead, broad, full   | 1 1                |                  |            |
| Ears, size medium; texture fine.  | 1 . 1              |                  |            |
| Neck, thick, short; throat clean  | . 2                |                  |            |
| Fore quarters—13 points:  | 3                  |                  |            |
| Shoulder vein, full   |                    |                  |            |
| Shoulder, covered with flesh, compact on top, snug                        | 4                  |                  |            |
| Breast, wide; brisket prominent   | . 2                |                  |            |
| Dewlap, skin not too loose and drooping                                   | 1                  |                  |            |
| Legs, straight, short; arm full; shank fine, smooth                       | . 3                |                  |            |
| Body—28 points:   |                    |                  |            |
| Chest, full, deep, wide; girth large; fore flank full                     | . 6                |                  |            |
| Crops, full, even with shoulders  | . 3                |                  |            |
| Ribs, deep, arched, thickly fleshed Back, broad, straight, evenly fleshed | . 5                |                  |            |
| Back, broad, straight, evenly fleshed                                     | 6                  | ·<br>            |            |
| Loin, thick, broad  | . 5                |                  |            |
| Flank, full, even with underline  | . 3                |                  |            |
| Hind quarters—25 points:  |                    |                  |            |
| Hips, smoothly covered; distance apart in proportion with                 |                    |                  |            |
| other parts   | . 4                |                  |            |
| Rump, long, even, wide; tailhead smooth, not patchy                       | . 5                |                  |            |
| Pin bones, not prominent, far apart                                       | 3                  |                  |            |
| Thighs, full, wide, deep.   | 5                  |                  |            |
| Twist, deep, plump  | . 4                |                  |            |
| Purse full indicating fleshiness  | 9                  |                  |            |
| Legs, straight, short; shank fine, smooth                                 | 2                  |                  |            |
|   |                    |                  |            |
| Total   | 100                |                  |            |
|   | 100                |                  |            |

#### STORE CATTLE.

### Oklahoma Agricultural and Mechanical College.

| Scale of points.  | Possible<br>score. | Na | me of | anima | ls. |
|---|--------------------|----|-------|-------|-----|
| General appearance—40 points:  Weight, estimated, —— pounds; actual, —— pounds; according to age Form, topline straight; blocky, low set, in general a parallelo-                                   | 8                  |    |       |       |     |
| gram, deep, broad; heart girth large, showing strong con-<br>stitution; stylish; the animal should have a moderately<br>large barrel, indicating a large capacity for storing and<br>utilizing food | 15                 |    |       |       |     |
| bone dense, clean. Condition, moderate covering of flesh, especially in region of valuable cuts. Disposition, quiet, but not sluggish   |                    |    |       |       |     |
| Disposition, quiet, but not sluggish Head and neck—7 points: Muzzle, broad; mouth large; jaw wide; nostrils large Eyes, large, clear, placid.   | 2                  |    |       |       |     |
| Face, short; expression quiet<br>Forehead, broad, full<br>Ears, texture fine: size medium   | .5                 |    |       |       |     |
| Neck, thick, short; throat clean.  Fore quarters—8 points: Shoulder yein, well filled, giving a smooth blending of the  | 2                  |    |       |       |     |
| neck to the shoulder Shoulder, well laid in, smooth, with an even covering of flesh; not heavy and coarse Brisket, advanced; breast wide.   | 3                  |    |       |       |     |
| Dewlap, skin not too loose and drooping   | 1                  |    |       |       |     |
| Chest, full, deep, wide; girth large; crops full; fore flank well<br>filled, showing strong constitution.<br>Ribs, long, arched, well fleshed.<br>Back, broad, straight, smooth, even               | 6                  |    |       |       |     |
| Loin, broad, moderately thick, extending well forward<br>Flank, full, even with underline   | 7                  |    |       |       |     |
| Hips, smoothly covered; distance apart in proportion with other parts, but not prominent.  Rump, long, wide, even; tailhead smooth; tail well set.  Pin bones, not prominent, far apart.            | - 2<br>3<br>1      |    |       |       |     |
| Thighs, full, deep, wide<br>Twist, plump, deep<br>Legs, straight, short; shank fine, smooth   | 3                  |    |       |       |     |
| Total   | 100                |    |       |       |     |

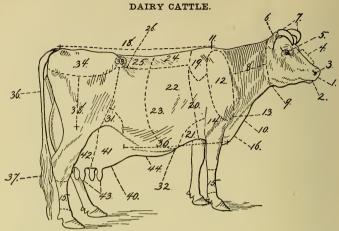


Fig. 4.-Points of the dairy čow, side view.

- 1. Muzzle.
  2. Mouth.
  3. Nostril.
  4. Face.
  5. Eye.
  6. Ear.
  7. Horns.
  8. Neek.
  9. Throat.

- 10. Dewlap.
- 11. Withers. 12. Shoulder. 13. Point of shoulder.
- Arm.
   Shanks, or cannons.
- 16. Brisket. 18. Topline. 19. Crops. 20. Girth. 21. Fore flank.

- Garry con, sea 22. Ribs. 23. False ribs. 24. Back, or chine. 25. Loin. 26. Coupling. 30. Underline. 31. Hind flank. 32. Navel. 33. Hip, or point of hip. 34. Rump.

- 36. Tail. 37. Switch, or brush. 38. Thigh. 40. Udder.

- 40. Udder.
  41. Fore udder.
  42. Hind udder.
  43. Teats.
  44. Mammary veins, or
  milk veins.
- 42.

Fig. 5.—Points of the dairy cow, three-quarters rear view

- 28. Barrel depression. 29. Stomach, or belly. 17. Chest. 27. Barrel.
- 35. Pin bones, or thurls. 42. Hind udder. 39. Escutcheon. 44. Mammary veins.

# Alabama Polytechnic Institute.

|   | Possible score. | Student's score. | Judge's score. |
|---|-----------------|------------------|----------------|
| General appearance: Size, medium to large Form, inclined to be wedge shaped. Quality, hair fine, soft; skin mellow, loose, medium thickness;                    | 5               |                  |                |
| secretion, yellow; bone, clean, fine.  Temperament, nervous, indicated by lean appearance when in milk.   |                 |                  |                |
| Objections, undersize, too excitable.<br>Head and neck:   |                 |                  |                |
| Muzzle, moist, clean cut; mouth large; nostrils large<br>Eyes, large, bright, full, mild<br>Face, lean, long, quiet, expressive                                 | 1               |                  |                |
| Forehead, broad, dishing  Ears, size medium: inside vellow: texture fine  | 1               |                  |                |
| Horns, texture fine.  Neck, fine; length medium; throat clean; dewlap light  Objections, thick coarse head and neck.  | 1               |                  |                |
| Fore quarters: Withers, lean, thin. Shoulders, light, oblique   | 2               |                  |                |
| Legs, straight, short; shank fine   |                 |                  |                |
| Čhest, deep, low; girth large, with full foreflank. Barrel, ribs broad, long, wide apart; stomach large Back, lean, straight, open jointed                      | 10              |                  |                |
| Loin, broad<br>Navel, large<br>Objections, narrow chest; shallow, close-coupled barrel;<br>straight underline.  | 2 2             |                  |                |
| Hind quarters:  | 2               |                  |                |
| Rump long, wide; pelvis roomy<br>Pin bones (or thurls), high, wide apart<br>Tall, long, slim; hair in switch fine.  | $\frac{1}{2}$   |                  |                |
| Tail, long, slim; hair in switch fine. Thighs, thin, long Escutcheon, spreading over thighs, extending high and wide;   | . 1             |                  |                |
| Udder, long, attached high and full behind, extending far in  | 2               |                  |                |
| front and full, flexible: quarters even, free from fleshiness   |                 |                  |                |
| extension; milk wells large, numerous Legs, straight, shank fine Objections, narrow hips; small, uneven, fleshy, or too large udder; small, uneven-sized teats. | 5<br>2          |                  |                |
| Total   | 100             |                  |                |

### School of Agriculture of Purdue University.

| Weight, estimated, — pounds; actual, — pounds.                       |  | Score.  |            |            |   |            |            |
|--|--|---|------------|------------|---|------------|------------|
| A. General appearance: Weight, estimated, — pounds; actual, — pounds |  |   | Male.      |            | Female.   |            | le.        |
| Weight, estimated, — pounds; actual, — pounds.   1                   | Scale of points.   | Standard.   | Student's. | Corrected. | Standard.   | Student's. | Corrected. |
| Total  | Form, wedge shape from front, side, and top. Form, shapely, masculine, medium long, Quality, hair fine, silky; skin mellow, loose, medium thick, yellow, not fleshy; bone fine.  B. Head and neck: Muzzle, broad; nostrils large; nose fine between muzzle and eyes. Eyes, full, placid. Face, lean, fine, shapely Eags, size medium; inside fine, yellow. Neck, fine, rather long, well set on shoulders and head; topline slightly curved; throat clean; dewlap light. Neck, neartly joined to head and shoulders, of good length; masculine and strong of bearing, nearly free of dewlap. C Fore quarters: Withers, lean, thin Witners, well rounded, even on top. Shoulders, light, oblique Legs, straight, short; shank fine; feet well placed  D. Body: Chest, deep, low, full; girth large. Crops, well filled out Ribs, long, broad, well sprung, wide apart. Ribs, long, broad, well sprung, wide apart. Bellind quarters: Hips, wide apart. E. Hind quarters: Hips, wide apart. Rumps, long, broad, level. Pin bones (or thurls), high, wide apart Thighs, thin, roomy, long, well carried Tail, long, fine, reaching hocks; good switch Legs, straight, short, wide apart; shank fine. F. Udder and rudimentaries: Front udder, carried well forward, full, thick, soft, mellow within. Hind udder, tail in form, well up behind. Milk veins, large, long elastic, tortwons, cutering large orifices. | 10<br>10<br>12<br>1<br>2<br>1<br>2<br>1<br>3<br>10<br>5<br>5<br>2<br>4<br>4<br>3<br>3<br>5<br>2<br>1<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2<br>1<br>2 |            |            | 8 1 1 1 2 1 2 2 3 9 1 8 1 4 1 1 1 2 2 1 2 1 2 1 2 1 1 1 2 1 1 1 2 1 |            |            |
|  | Total  | 100   |            |            | 100   |            |            |

# Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points.  | Perfect<br>score.     |
|---|-----------------------|
| General appearance:   |                       |
| 1. Weight   |                       |
| 2. Form, inclined to be wedge shaped  | 6                     |
| Weggin and the wedge shaped.     Form, inclined to be wedge shaped.     Quality, hair fine, soft; skin mellow, loose, medium thickness; secretion yellow; bone clean, fine  |                       |
| 4. Condition, lean, though vigorous appearance when in milk   | 6                     |
| Head and neck:  | 6                     |
| 5 Muggle clean gut, mouth large, nostrile lurge   | 1                     |
| 6 Eyes large bright full mild   | 1                     |
| 7. Face, lean, long: expression quiet   | 1                     |
| 8. Forehead, broad  | î                     |
| 6. Eyes, large, bright, full, mild. 7. Face, lean, long; expression quiet 8. Forehead, broad. 9. Ears, size medium; inside yellow; texture fine 10. Horns, waxy; texture fine 11. Neck, fine; length medium; throat clean; dewlap light | 1                     |
| 10. Horns, waxy; texture fine   | 1                     |
| 11. Neck, fine; length medium; throat clean; dewlap light   | 1                     |
|   |                       |
| 12. Withers, lean, thin   | . 1 2 2               |
| 13. Shoulders, light, oblique<br>14. Legs, straight, short; shank fine.   | . 2                   |
| Body:   | 2                     |
| 15. Chest, deep, low; girth large, with full fore flank.  | 10                    |
| 16. Barrel, ribs broad, long, wide apart; stomach large.  | 10                    |
| 17. Back, lean, straight, open jointed  | 2                     |
| 18. Loin, broad   | 2 2 2                 |
| 18. Loin, broad<br>19. Navel, large   | 2                     |
| Hind quarters:  |                       |
| 20. Hips, far apart, level  | 2<br>2<br>1<br>1<br>4 |
| 21. Rump, long, wide  | 2                     |
| 22. Pin bones (or thurls), high, wide apart   | . 1                   |
| 23. Tail, long, slim; hair in switch fine   | 1                     |
| 25. Escutcheon, spreading over thighs, extending high and wide; thigh ovals large   | 9                     |
| 26. Udder, long, attached high and full behind, extending far in front and full, flexible;  | 2                     |
| quarters even, free from fleshiness.  | 20                    |
| 27. Teats, large, evenly placed.  |                       |
| 28. Mammary veins, large, long, tortuous, branched with double extension; milk wells  |                       |
| large, numerous   | 5                     |
| 29. Legs, straight, short; shank fine   | 2                     |
| Total   | 100                   |
| 1000  | 100                   |

### Kansas State Agricultural College.

| Scale of points.  | Possible score. | Student's score. | Judge's<br>score. |
|---|-----------------|------------------|-------------------|
| General appearance: Form, inclined to be wedge shaped   | 6               |                  |                   |
| Quality, hair fine, soft; skin mellow, loose, medium thickness;   | 6               |                  |                   |
| secretion yellow; bone clean, fine Temperament, nervous, indicated by lean appearance when in                               |                 |                  |                   |
| milk<br>Head and neck:  | 6               |                  |                   |
| Muzzle, clean cut; mouth large; nostrils large<br>Eyes, large, bright, full, mild   | 1               |                  |                   |
| Face, lean, long: expression quiet  | 1               |                  |                   |
| Forehead, broad.<br>Ears, size medium; inside yellow; texture fine  | 1               |                  |                   |
| Horns, waxy; texture fine Neck, fine; length medium; throat clean; dewlap light   | 1               |                  |                   |
| Fore quarters:  |                 |                  |                   |
| Withers, lean, thin<br>Shoulders, light, oblique  | 2               |                  |                   |
| Legs, straight, short; shank fine   | 2               |                  |                   |
| Chest, deep, low; girth large, with full fore flank   |                 |                  |                   |
| Barrel, ribs, broad, long, wide apart; stomach large  | 2               |                  |                   |
| Loin, broad<br>Navel, large   | 2 2             |                  |                   |
| Hind quarters:  |                 |                  |                   |
| Hips, far apart, level<br>Rump, long, wide  | 2 2             |                  |                   |
| Pin bones (or thurls), high, wide apart. Tail, long, slim; hair in switch fine.   | 1               |                  |                   |
| Thighs, thin, long. Escutchcon, spreading over thighs, extending high and wide;   | 4               |                  |                   |
| Escutcheon, spreading over thighs, extending high and wide;<br>thigh ovals large  | 2               |                  |                   |
| Udder, long, attached high and full behind, extending far in front and full, flexible: quarters even, free from fleshiness. | 20              |                  |                   |
| Teats, large, evenly placed   | 5               |                  |                   |
| Mammary veins, large, long, tortuous, branched, with double extension; milk wells large, numerous                           | 5               |                  |                   |
| Legs, straight; shank fine  |                 |                  |                   |
| Total   | 100             |                  |                   |

# Agricultural and Mechanical College of Kentucky.

Same as the Kansas eard (see above) for dairy cattle.

### Maryland Agricultural College.

| Scale of points.  | Perfect<br>score. | Student's score. | Corrected. |
|---|-------------------|------------------|------------|
|   |                   | BCOIC.           |            |
| I. Primary considerations—16 points: Weight in pounds, estimated, ——; corrected, ——   |                   |                  |            |
| Size and substance, for age   | 3                 |                  |            |
| Size and substance, for age.<br>Style, attractive, sprightly; breeding apparent<br>Appearance, wedge-shaped viewed from front, side, rear and   | 4                 |                  |            |
| above; angular.  Quality, skin thin, loose, elastic, mellow; flesh firm; hair soft,   | 4                 |                  |            |
| fine, silky   | 5                 |                  |            |
|   | 16                |                  |            |
| II. Nervous energy—23 points:   |                   |                  |            |
| Temperament, active controlled Eyes, large, clear, bright, mild, placid, free from white Forehead, broad, high; face dished.  | 5                 |                  |            |
| Eyes, large, clear, bright, mild, placid, free from white   | 3                 |                  |            |
| Forehead, broad, high; face dished  | 3                 |                  |            |
|   |                   |                  |            |
| Spinal column, long, prominent, open  | 4                 |                  |            |
| Milk veins, branching, long, tortuous   | 4                 |                  |            |
| Navel, large, defined   | 2                 |                  |            |
| · ·   | 23                |                  |            |
| II. Structural anatomy—18 points:   |                   |                  |            |
| Contour, clean-cut, smooth, correlated, symmetrical, free from  |                   |                  |            |
| patchiness and offal  | 9                 |                  |            |
| Head, medium in size; muzzle refined; mouth large; face lean  | ~                 |                  |            |
| and long.  Neck, fine, flat on side; length medium; throat clean; dewlap  | 1                 |                  |            |
| Neck, fine, nat on side; length medium; throat clean; dewlap  | -                 |                  |            |
| light.  | 1                 |                  |            |
| Withers, narrow on top, spreading: shoulder light, slanting   | 1                 |                  |            |
| Back, straight, strong, well muscled  | 2                 |                  |            |
| Back, straight, strong, well muscled<br>Loin, broad, strong<br>Pelvic arch, prominent, bare; pin bones high, wide; hips wide,   | 3                 |                  |            |
| prominent   | 4                 |                  |            |
| Flank, high; twist open; thigh thin, incurved   | 2                 |                  |            |
| Bones, medium; joints fine, flat; horns small, waxy; tail long,   |                   |                  |            |
| slim  | 2                 |                  |            |
|   | 18                |                  |            |
| V. Digestion and assimilation—23 points:  |                   |                  |            |
| Nostrils, medium sized, clear, bright   | 1                 |                  |            |
| Breast and brisket prominent angular but not pointed  | 1                 |                  |            |
| Chest, wide, deep, long: heart girth large<br>Barrel, medium long, broad on top, deep, capacious  | 6                 |                  |            |
| Barrel, medium long, broad on top, deep, capacious  | 9                 |                  |            |
| Ribs, flat, spaced, well sprung; chine open   | 3                 |                  |            |
| False ribs, suppressed; barrel depression marked  | 3                 |                  |            |
|   | . 53              |                  |            |
|   |                   |                  |            |
| 7. Milk indications—20 points:  |                   |                  |            |
| Udder, long, capacious, balanced, well up behind, free from   |                   |                  |            |
| fleshiness, but with some substance when empty, strongly  |                   |                  |            |
|   | 10                |                  |            |
| attached; teats of good size, evenly placed   |                   |                  |            |
| attached; teats of good size, evenly placed Escutcheon, spreading over thighs, extending well upward  | 3                 |                  |            |
| attached; teats of good size, evenly placed Escutcheon, spreading over thighs, extending well upward Milk veins, large, tortuous, long, branched; milk wells large  | 6                 |                  |            |
| Udder, long, capacious, balanced, well up behind, free from fleshiness, but with some substance when empty, strongly attached; teats of good size, evenly placed.  Escutcheon, spreading over thighs, extending well upward Milk veins, large, tortuous, long, branched; milk wells large. Skin of ear and udder yellow; secretions yellow, plentiful | 6 1               |                  |            |
| attached; teats of good size, evenly placed Escutcheon, spreading over thighs, extending well upward. Milk veins, large, tortuous, long, branched; milk wells large Skin of ear and udder yellow; secretions yellow, plentiful  | 20                |                  |            |
| attached; teats of good size, evenly placed Escutcheon, spreading over thighs, extending well upward. Milk veins, large, tortuous, long, branched; milk wells large Skin of ear and udder yellow; secretions yellow, plentiful  Total   |                   |                  |            |
| Total   | 20                |                  |            |
|   | 20                |                  |            |

# Massachusetts Agricultural College.

|   |               | Points d         | eficient.         |
|---|---------------|------------------|-------------------|
| Scale of points.  | Per-<br>fect. | Student's score. | Correct<br>score. |
| A. General appearance—17 points:  |               |                  |                   |
| Age, estimated, — years; corrected, — years   |               |                  |                   |
| Age, estimated, — years; corrected, — years   |               |                  |                   |
| Form, trim, triple wedge shape  | 7             |                  |                   |
| Quality, hair fine, soft; secretion abundant, yellow; skin mellow,  |               |                  |                   |
| of not more than medium thickness; bone clean, finc   | 5             |                  |                   |
| Temperament, nervous, indicated by sprightly movements of   |               |                  |                   |
| eye or ear, general refinement, prominence of veins, etc.; not  | 5             |                  |                   |
| sluggish nor yet wild and restive   | 9             |                  |                   |
| Muzzle, clean cut; mouth and nostrils large   | 1             |                  |                   |
| Eyes, prominent, clear, mild.   | 1             |                  |                   |
| Face, rather long, lean, fine   |               |                  |                   |
| Forehead, broad, slightly dishing.  | ĩ             |                  |                   |
| Ears, fine; size medium; secretion rich, yellow   | î             |                  |                   |
| Neck, medium long, rather thin, fine at throat  | $\hat{2}$     |                  |                   |
| Fore quarters—6 points:   |               |                  |                   |
| Withers, lean; spine high<br>Shoulders, fairly wide at points, light, sloping   | 2             |                  |                   |
| Shoulders, fairly wide at points, light, sloping  | 2             |                  |                   |
| Brisket light thin  | 1             |                  |                   |
| Legs, short, straight; bone clean, fine   | 1             |                  |                   |
| D. Body—23 points:  |               |                  |                   |
| Chest, deep; girth, —— feet; corrected, —— feet   | 5             |                  |                   |
| Ribs, long, broad, open, moderately well sprung   | 2 3           |                  |                   |
| Chine, prominent, narrow  |               |                  |                   |
| Barrel, long, deep, capacious   |               |                  |                   |
| Loin, broad, spare fleshed  | í             |                  |                   |
| Flank, deep, thin   | 1             |                  |                   |
| Navel, large  |               |                  |                   |
| Hind quarters—14 points:  |               |                  |                   |
| Hips, prominent, wide   | 2             |                  | ·                 |
| Rump, level, long; pelvis roomy, wide   | 3             |                  |                   |
| Thurls, high, wide apart  | 1             |                  |                   |
| Thighs, long, thin; twist roomy, open   | 4             |                  |                   |
| Tail, long, rather loosely articulated; bush heavy  |               |                  |                   |
| Legs, straight, well apart, fine boned  |               |                  |                   |
| Escutchcon, high, wide  | 2             |                  |                   |
| '. Udder and milk veins—32 points:  |               |                  |                   |
| Fore udder, broad, well forward, capacious, free from fleshiness  | 10            |                  |                   |
| Hind udder, broad, well up behind, capacious, free from fleshi-   | ***           |                  |                   |
| ness  | 10            |                  |                   |
| Teats, squarely placed, wide apart, of convenient size, uniform Milk veins, large, long, crooked, extending well forward, | ь             |                  |                   |
| branched  | 4             |                  |                   |
| Milk wells, large or numerous   |               |                  |                   |
| min wone, large or numerous   |               |                  |                   |
| Total   | 100           |                  |                   |
|   | 200           |                  |                   |

# Michigan State Agricultural College.

| Scale of points.   | Per-<br>fect. | Student's estimate. | Corrected. |
|--|---------------|---------------------|------------|
| General appearance: Age, estimated,; corrected, pounds, Weight, estimated, pounds; corrected, pounds Form, wedge-shaped, viewed from front, side, and above. Quality, hair fine; skin soft, medium thickness; bone clean | 9 7           |                     |            |
| Temperament, nervous   | 4             |                     |            |
| Head:<br>Muzzle, clean cut; mouth large; nostrils large; face lean, long,<br>dishing.  | 9             |                     |            |
| Eyes, full, mild, bright<br>Forehead, broad<br>Ears, size medium; texture fine   | 1             |                     |            |
| Horn, small at base  | 1             |                     |            |
| Fore quarters: Neck, thin; length medium. Withers, lean, sharp Shoulders, light, oblique.  | 2             |                     |            |
| Shoulders, light, oblique.<br>Legs, short, straight, clean boned.  | 7             |                     |            |
| Body: Brisket, thin, sharp Chest, deep through lungs; girth large, — feet  | 1<br>8<br>3   |                     |            |
| Brisket, thin, sharp Chest, deep through lungs; girth large, — feet Ribs, well sprung, broad, far apart Belly, large, roomy Chine, large, prominent, open Back, ligh, lean   | 7<br>1<br>1   |                     |            |
| Loin broad<br>Flank, deep, thin<br>Navel, large  |               |                     |            |
| Hind quarters:   | 26            |                     |            |
| Hips, wide apart Rump, long, high Pin bones (or thurls), high, wide apart Thigh, thin, incurving   | 2             |                     |            |
| Tail fine reaching book  | 1             |                     |            |
| Escutcheon, spreading, high. Udder, long, not fieshy, attached high; quarters even. Teats, large, evenly placed. Milk veins, large, tortuous, branching. Milk wells, large.  | 3             |                     |            |
| Legs, short, clean boned, far apart.   | 41            |                     |            |
| Total  | 100           |                     |            |

1403—No. 61—04——5

### College of Agriculture and the Mechanic Arts of the University of Missouri.

| . Scale of points.   | Per-<br>fect.         | Student's estimate. | Corrected. |
|--|-----------------------|---------------------|------------|
| General appearance:  Age, estimated, —; corrected, —  Weight, estimated, —; corrected, —  Form, wedge-shaped, viewed, from front, side, and above  Quality, hair fine; skin soft, of medium thickness; bone fine, clean.  Temperament, sanguine, nervous | 5                     |                     |            |
| Head: Muzzle, clean cut; mouth large; nostrils wide, open. Face, lean, long, slightly dished; expression contented Eyes, full, mild, bright, clear Forchead, broad, full, high. Ears, size medium; inside yellow; texture fine.                          | 1<br>1<br>1<br>1<br>1 |                     |            |
| Fore quarters:  Neck, thin; length medium; throat clean; dewlap small Withers, lean, sharp. Shoulders, oblique, lean Chest, deep, wide Legs, straight, short, clean boned; cannon fine   | 3 3 2                 |                     |            |
| Body: Girth, large, estimated,—; corrected,— Ribs, well sprung, long, broad, far apart. Back, high, lean. Vertebra, large; spaces wide, open Loin, broad, strong Abdonen, large, deep, showing great capacity Flank, deep, velvety, thin Navel, large.   | 2<br>2<br>4<br>8<br>2 |                     |            |
| Hind quarters: Hips, wide apart, level with back. Rump, long, high, wide: pelvis arching Pin bones, high, wide apart. Thigh, thin, incurving, well muscled. Fore udder, extending well forward, full, not fleshy; quarters                               | 3<br>· 3<br>· 2<br>4  |                     |            |
| even. Hind udder, attached high behind, full, not fleshy; quarters even. Teats, uniform, good size, well placed. Milk veins, large, elastic, tortuous, branching. Milk wells, large. Legs, clean boned, wide apart, straight; cannon fine.               | 6<br>4<br>3<br>4<br>1 |                     |            |
| Total  | 36                    |                     |            |
| ***************************************  | 100                   |                     |            |

## New Hampshire College of Agriculture and the Mechanic Arts.

|   | Downible           | Points d            | leficient. |
|---|--------------------|---------------------|------------|
| · Scale of points.  | Possible<br>score. | Student's estimate. | Corrected. |
| A. General appearance:  |                    |                     |            |
| Weight, 800 to 1,200 pounds; estimated, — pounds; actual,                     |                    |                     |            |
| — pounds.  Form, wedge-shaped as viewed from front, side, and top             |                    |                     |            |
| Quality, hair fine, soft; skin mellow, loose, medium thickness;               | О                  |                     |            |
| secretion vellow: bones clean   | 6                  |                     |            |
| secretion yellow; bones clean   |                    |                     |            |
| telligent, submissive, yet nervous  | 6                  |                     |            |
| B. Head:  |                    |                     |            |
| Muzzle, clean cut; face lean, long; mouth and nostrils large                  | 1                  |                     |            |
| Eyes, full, mild, expressive, intelligent                                     | í                  |                     |            |
| Ears, size, medium; inside yellow; texture fine                               | î                  |                     |            |
| C. Fore quarters:   |                    |                     |            |
| Neck, thin; length good; throat clean; dewlap light                           |                    |                     |            |
| Withers, lean, sharp.<br>Shoulders, light, oblique.                           | 1                  | •••••               |            |
| Legs, straight, short; shank fine   | 1                  |                     |            |
| D. Body:  |                    |                     |            |
| Chest, wide through lungs; girth large, — inches                              | 5                  |                     |            |
| Ribs, broad, long, wide apart   | 2 8                |                     |            |
| Stomach, deep; girth large, — inches  | 8                  |                     |            |
| Back, lean, strong, open jointed, well defined                                | 2 4                |                     |            |
| Loin, broad, long; point of hips prominent<br>Flank, low, long from hips down | 4 9                |                     |            |
| E. Hind quarters:   | 9                  |                     |            |
| Hips, wide apart, — inches.   | 4                  |                     |            |
| Rump, broad, long, tapering   | 4                  |                     |            |
| Thighs, thin, long, wide apart  | 3                  |                     |            |
| Tail, slim, fine, reaching hock; switch fine                                  | 1                  |                     |            |
| Legs, straight, short, wide apart; shank fine                                 | 1                  |                     |            |
| Front udder, carried well forward, full but not fleshy; quar-                 |                    |                     |            |
| ters even   | 12                 |                     |            |
| Hind udder, carried well back, attached high, good width, full                |                    |                     |            |
| but not fleshy, quarters even   | 10                 |                     |            |
| Teats, good, uniform in size, properly placed                                 | 4                  |                     |            |
| their course  | 6                  |                     |            |
| Milk wells, large   | 9                  |                     |            |
| Escutcheon, high, wide, spreading over thighs; thigh ovals                    |                    |                     |            |
| large   | 1                  |                     |            |
|   |                    |                     |            |
| Total   | 100                | •                   |            |
|   |                    |                     |            |

# New Mexico College of Agriculture and Mechanic Arts.

| Scale of points.  | Perfect<br>score. |
|---|-------------------|
| A. General appearance:  1. Weight, 800 to 1,000 pounds, estimated, — pounds; actual, — pounds.  2. Form, wedge-shaped as viewed from front, side, and top.  3. Quality, hair fine, soft; skin mellow, loose, medium thickness secretion yellow; bone clean. |                   |
| 4. Temperament, nervous, indicated by lean appearance   | •                 |
| 5. Muzzle, clean cut; mouth large; nostrils large. 6. Eyes, large, bright, full, mild 7. Face, lean, long; expression quiet.  |                   |
| 8. Forehead, broad 9. Ears, size medium; inside yellow; texture fine  |                   |
| 10. Horns, fine; texture waxy   |                   |
| 12. Withers, lean, thin 13. Shoulders, light, oblique 14. Legs, straight, short; shank fine.  |                   |
| D. Body:  15. Chest, deep, low; girth large with full fore flank  | 1                 |
| 17. Back, lean, straight, open jointed, well defined<br>18. Loin, broad.<br>19. Naval, large  |                   |
| E. Hind quarters:   |                   |
| 21. Rump, long, broad<br>22. Pin boues (or thurls), high, wide apart<br>23. Tail, long, slim; hair in switch fine   |                   |
| <ol> <li>Thighs, thin, long, wide apart</li> <li>Escutcheon, spreading over thighs, extending high and wide; thigh ovals large.</li> <li>Udder, long, broad, flexible; quarters even, free from fleshiness; front udder carried</li> </ol>                  |                   |
| well forward, full; hind udder carried well back, attached high, full   | 2                 |
| 28, Milk veins, large, fong, tortuous.<br>29, Milk wells, large.<br>30. Legs, straight; shank fine  |                   |
| Total   | 10                |

## Cornell University.

|   |                   | Points d            | eficient.  |
|---|-------------------|---------------------|------------|
| Scale of points.  | Perfect<br>score. | Student's estimate. | Corrected. |
| General appearance:  Weight, estimated, — pounds; actual, — pounds.  Form, wedge-shaped as viewed from front, side, and top                     |                   |                     |            |
| Quality hair fine soft, skin mellow loose medium thickness  |                   |                     |            |
| secretion yellow; bone clean. Constitution, vigorous, not inclined to beefiness.  | 8                 |                     |            |
| Head and neck: Muzzle, clean cut; mouth large; nostrils large   | 1                 |                     |            |
| Eyes, large, bright<br>Face, lean, long; expression quiet<br>Forehead, broad, slightly dished   | î                 |                     |            |
| Ears, size medium; inside yellow; texture fine Neck, fine; length medium; throat clean; dewlap light  | 1                 |                     |            |
| Fore and hind quarters:   | ,                 |                     |            |
| Shoulders, light, oblique. Hips, far apart: level between hooks. Rump, long, wide. Pin bones (or thurls), high, wide apart. Thighs, thin, long. | 2 2 2             |                     |            |
| Rump, long, wide.<br>Pin bones (or thurls), high, wide apart.   | $\frac{2}{1}$     |                     |            |
| Legs, straight, short: shank tipe   | 1                 |                     |            |
| Tail, long, slim; switch fine Body:   |                   |                     |            |
| Chest, deep, low; girth large.  Ribs, broad, well sprung, long, wide apart; stomach large.  Back, lean, straight; chine open.                   | 8<br>5<br>3       |                     |            |
| Loin, broad. level<br>Flank, moderately low   | 2                 |                     |            |
| Navel, large. Milk secreting organs:  | í                 |                     |            |
| Udder, long, attached high and full behind, extending far in<br>front and full: quarters even   | 15                |                     |            |
| Udder, capacious, flexible; skin loose, pliable, covered with short, fine hair  | 13                |                     |            |
| Teats, large, evenly placed.  Milk veins, large, tortuous; milk wells large.  | 6                 |                     |            |
| Escutcheon, spreading over thighs, extending high and wide; thigh ovals large   | 2                 |                     |            |
| Total   | 100               |                     |            |

## North Dakota Agricultural College.

|  |                   | Points d         | eficient.  |
|--|-------------------|------------------|------------|
| Scale of points.   | Perfect<br>score. | Student's score. | Corrected. |
| General appearance:  |                   |                  |            |
| Weight estimated pounds actual pounds  |                   |                  |            |
| Form, wedge-shaped, as viewed from front, side, and top; weight 800 to 1,000 pounds                              | 8                 |                  |            |
| Quality, hair fine, soft; skin mcllow, loose, medium thickness,  |                   |                  |            |
| secretion vellow: bone clean   | 8                 |                  |            |
| Temperament, nervous, indicated by lean appearance   | 5                 |                  |            |
| Muzzle, clean cut: mouth large; nostrils large   | 1                 |                  |            |
| Eyes, large, bright<br>Face, lean, long; expression quiet  | 1                 |                  |            |
| Face, lean, long; expression quiet   | 1                 |                  |            |
| Forehead, broad, full<br>Ears, size medium; inside yellow; texture fine.   | í                 |                  |            |
| Neck, fine; length medium; throat clean; dewlap light  | $\bar{2}$         |                  |            |
| Fore quarters:   | 1                 | 9                |            |
| Withers, lean, thin<br>Shoulders, light, oblique.  | 2                 |                  |            |
| Legs, straight, short; shank fine  |                   |                  |            |
| Body:  |                   |                  |            |
| Chest, deep, low; girth large. Ribs, broad, long, wide apart; stomach large.                                     | 8                 |                  |            |
| Back, lean, straight, open jointed   | 3                 |                  |            |
| Loins, broad   | 3                 |                  |            |
| Naval, large   | 2                 |                  |            |
| Hips, far apart  | 2                 |                  |            |
| Rump, long, wide   | 2                 |                  |            |
| Pin bones (or thurls), high, wide apart. Tail, long, slim; switch fine.  | 1                 |                  |            |
| Thighs, thin, long.  | 2                 |                  |            |
| Escutcheon, spreading over thighs, extending high and wide;  | _                 |                  |            |
| thigh ovals large  | 2                 |                  |            |
| Udder, long, attached high and full behind, extending far in front and full; quarters even, free from fleshiness | 16                |                  |            |
| Teats, large, evenly placed  | 4                 |                  |            |
| Milk veins, large, tortuous; milk wells large  | 6                 |                  |            |
| Legs, straight, far apart; shank fine  | 3                 |                  |            |
| Total  | 100               |                  |            |

#### North Carolina College of Agriculture and the Mechanic Arts.

Same as the New Hampshire card (see p. 67) for dairy cattle.

## The College of Agriculture and Domestic Science, Ohio State University.

|   |             |            | Sec        | rė.           |            |            |
|---|-------------|------------|------------|---------------|------------|------------|
|   |             | Male       |            |               | emal       | e.         |
| Scale of points.  | Standard.   | Student's. | Corrected. | Standard.     | Student's. | Corrected. |
| A. General appearance: Weight, estimated, —— pounds; actual, —— pounds. Form, wedge shape from front, side, and top. Form, shapely, masculine, medium long.   | 1           | ::::       |            | 1<br>7        |            |            |
| Form, shapely, masculine, medium long. Quality, hair fine, silky; skin mellow, loose, medium thick, yellow, not fieshy; bone fine.  B. Head and neck: Muzzle, broad; nostrils large   | 10          |            |            | 8             |            |            |
| Eyes, of good size mild, bright.<br>Face, lean, fine, shapely.<br>Forehead, broad.<br>Ears, not coarse: size medium; inside yellow.<br>Neck, fine, rather long, well set on shoulders and head; topline slightly                        | 2           |            |            | $\frac{1}{1}$ |            |            |
| Neck, fine, rather long, well set on shoulders and head; topline slightly curved; throat clean; dewlap light.  Neck, neatly joined to head and shoulders, of good length, masculine and strong of bearing; nearly free of dewlap.       |             |            |            | 2             |            |            |
| C. Fore quarters:  Weight, — pounds.  Withors lear thin   |             |            |            |               |            | 12         |
| Withers, well rounded, even on top Shoulders, light, oblique. Legs, straight, short; shank fine; feet well placed. D. Body: Chest, deep, low, full; girth large, ——inches. Crops, not deeply depressed.                                 |             |            |            |               | ::::       |            |
| Crops, not deeply depressed  Ribs, long, broad, well sprung, wide apart.  Back, lean, strong, well defined.  Stomach, deep girth large, inches.  Loin, broad, long, level; last rib to hip, inches  Flanks, low, deep from hip down.    | 5           | • • • • •  | • • • •    | 5             |            |            |
| E. Hind quarters:  Weight, — pounds.  Hîps, wide apart females; not too wide bulls.  Rumps, broad, level; long, — inches.  Pin bones (or thurls), bigh, wide apart.   | 3<br>3<br>1 |            |            | <br>3<br>3    |            |            |
| Inigns, tinin, roomy, long, well carried. Legs, straight, short, wide apart; shank fine Tail, long, fine, reaching hocks; switch good.  F. Udder or rudimentaries: Front udder, carried well forward, full, thick, soft, mellow within: | 2<br>1      |            |            | 2<br>1        | ::::       |            |
| quarters even<br>Hind udder, full in form, well up behind, good width, mellow, even<br>Milk velns, large, long, elastic, tortuous.<br>Milk wells, large.<br>Teats, 2½ to 3 inches long, good size, well placed                          | 5           | ::::       |            | 10<br>6<br>2  | ::::       |            |
| Rudimentaries, four; large, well placed.  Total.  | 10          |            |            |               |            |            |

 $<sup>\</sup>tt Note.-A$  defective teat or udder disqualifies. Matured males should weigh from 1,000 to 2,000 pounds; females, 750 to 1,400 pounds.

# Oklahoma Agricultural and Mechanical College.

| Scale of points.   | Possible<br>score. | Name of animals. |
|--|--------------------|------------------|
| General appearance—20 points:  |                    |                  |
| Weight, estimated, — pounds; actual, — pounds  |                    |                  |
| Form, wedge shape, as viewed from front and top; top line  |                    |                  |
| straight; great depth of barrel  | 5                  |                  |
| Quality, hair fine, soft; skin mellow, loose, medium thick-                                      | 8                  |                  |
| ness, secretion yellow; bone clean   | 8                  |                  |
| ment inclined to nervousness, but not irritable or vicious                                       | 7                  |                  |
| Head and neck—8 points:  |                    |                  |
| Muzzle, broad, clearly defined; mouth and nostrils large   | 1                  |                  |
| Eyes, large, prominent, clear, placid<br>Face, lean, somewhat long, fine between muzzle and eyes | î                  |                  |
| Face, lean, somewhat long, fine between muzzle and eves  | ī                  |                  |
| Forehead, broad, full  | 2                  |                  |
| Ears, texture fine; size medium; inside yellow   | 1                  |                  |
| Neck, fine; length medium; throat clean; dewlap light  | 2                  |                  |
| Fore quarters—4 points:  |                    |                  |
| Withers, lean, sharp   | 1                  |                  |
| Shoulder, light, oblique   | 2                  |                  |
| Legs, straight, short; shank fine  | 1                  |                  |
| Body—26 points:<br>Chest, deep, low; girth large; fore flank full                                | 10                 |                  |
| Barrel, ribs broad, long, wide apart; stomach large  | 10                 |                  |
| Back, lean, straight, opened jointed   | 3                  |                  |
| Loin, broad  | 2                  |                  |
| Navel, large   |                    |                  |
| Hind quarters—42 points:   | 1                  |                  |
| Hips, far apart  | 3                  | [                |
| Rump, long, wide   | 3                  |                  |
| Pin bones (or thurls), wide apart  | 1                  |                  |
| Tail, long, slim; switch fine  | 1                  |                  |
| Thighs, thin, long, wide apart   | 4                  |                  |
| Escutcheon, spreading over thighs, extending high and wide;                                      |                    |                  |
| thigh ovals large  | 1                  |                  |
| Legs, straight; shank fine   | 3                  |                  |
| Udder, long, attached high and full behind, extending far in                                     | 10                 |                  |
| front and full; quarters even, free from fleshiness  Teats, large, evenly placed, cylindrical    | 18                 |                  |
| Mammary veins, large, tortuous, branching; milk wells large.                                     | 4                  |                  |
| mammary veins, large, tortuous, branching; milk wens large.                                      | 4                  |                  |
| Total  | 100                |                  |
| ***************************************  | 100                |                  |

## Oregon State Agricultural College.

| Scale of points.   | Possible score. | Student's estimate. | Corrected. |
|--|-----------------|---------------------|------------|
| A. General appearance:   |                 |                     |            |
| Weight, 800 to 1,200 pounds; estimated, — pounds; actual, — pounds   |                 |                     |            |
| Form, wedge shape, as viewed from front and top.<br>Quality, hair fine, soft; skin mellow, loose, medium thickness;  | 8               |                     |            |
| Quality, hair fine, soft; skin mellow, loose, medium thickness;  |                 |                     |            |
| secretion yellow; bone clean  Temperament, nervous, indicated by lean appearance                                     | 5               |                     |            |
| B. Head and neck:  |                 |                     |            |
| Muzzle, clean cut; mouth large; nostrils large   | 1               |                     |            |
| Eyes, full, mild, bright.  | 1               |                     |            |
| Face, lean, long; expression quiet<br>Forehead, moderately broad, full   | 2               |                     |            |
| Ears, size medium: inside vellow: texture fine   | 1               |                     |            |
| Neck, fine; length medium; throat clean; dewlap light<br>C. Fore quarters:   | 2               |                     |            |
| Withers, lean, thin  | 1               |                     |            |
| Shoulders, light, oblique  | 2               |                     |            |
| Legs, straight, short; shank fine  | 3               | •••••               |            |
| Chest, deep, low: girth large  | . 8             |                     |            |
| Chest, deep, low; girth large.<br>Ribs, broad, long, wide apart; stomach large<br>Back, lean, straight, open jointed | 10              |                     |            |
| Loin, broad  | 3               |                     |            |
| Flank, low   |                 |                     |            |
| Navel, large   | 2               |                     |            |
| E. Hind quarters:  | 8               |                     |            |
| Hips, far apart, level between hooks   | 2               |                     |            |
| Pin bones (or thurls), high, wide apart. Tail, long, slim; switch fine.  | ī               |                     | 1          |
| Tail, long, slim; switch fine  | $\frac{1}{2}$   |                     |            |
| Thighs, thin, long.<br>Escutcheon, spreading over thighs, extending high and wide;                                   | 2               |                     |            |
| thigh ovals large  | 2               |                     |            |
| Udder, long, attached high and full behind, extending far in front and full; quarters even, free from fleshiness     |                 |                     |            |
| Teats, large, evenly placed  | 15              |                     |            |
| Mammary veins, large, tortuous   | 3               |                     |            |
| Milk wells, large<br>Legs, straight, far apart; shank fine   | 3               |                     |            |
| Legs, straight, far apart; shank fine  | 3               |                     |            |
| Total  | 100             |                     |            |

#### The Pennsylvania State College.

| Scale of points.   | Perfect.                                  | Student's estimate. | Corrected. |
|--|---|---------------------|------------|
| General appearance: Age, estimated, —; corrected, Weight, estimated, — pounds; corrected, — pounds. Form, wedge-shaped viewed from front, side, and above. Quality, hair fine; skin soft, of medium thickness; bone fine, clean. Temperament, sanguine, nervous.   | 8   |                     |            |
| Head: Muzzle, clean cut; mouth large; nostrils wide, open Face, lean, long, slightly dished; expression contented Eyes, full, mild, bright, clear Forehead, broad, high Ears, size medium; inside yellow; texture fine   | 1<br>1<br>1                               |                     |            |
| Fore quarter: Neck, thin; length medium; throat clean; dewlap small. Withers, lean, sharp. Shoulders, oblique, lean. Chest, deep, wide Legs, straight, short, clean boned; cannon fine.  | 2<br>1<br>3                               |                     |            |
| Body: Girth, large, estimated, — feet; corrected, — feet. Ribs, well sprung, long, broad, far apart Back, high, lean Vertebra, large; spaces wide, open Loin, broad, strong. Abdomen, large, deep, showing great capacity Flank, deep, velvety, thin Navel, large.   | 4<br>2<br>2<br>4<br>8<br>1                |                     |            |
| Hind quarter: Hips, wide apart, level with back. Rump, long, high, wide; pelvis arching Pin bones, high, wide apart. Thigh, thin, incurving, well muscled. Fore udder, extending well forward, full, not fleshy; quarters even. Hind udder, attached high behind, full, not fleshy; quarters even. Teats, uniform, good size, well placed Milk veins, large, elastic, tortuous, branching. Milk wells, large Legs, clean boned, wide apart, straight; cannon fine. | 3<br>3<br>2<br>4<br>8<br>8<br>8<br>4<br>3 |                     |            |
| Total  | 40  |                     |            |

## South Dakota Agricultural College.

Same as the Iowa card (see p. 61) for dairy cattle.

# State Agricultural and Mechanical College of the University of Tennessee.

| *Seale of points.   | Possible<br>score. | Student's score. |
|---|--------------------|------------------|
| A. General appearance:  |                    |                  |
| <ol> <li>Weight, 800 to 1,000 pounds; estimated, — pounds; actual, — pounds</li> </ol>  |                    |                  |
| Weight, 800 to 1,000 pounds; estimated, — pounds; actual, — pounds.     Form, wedge-shaped as viewed from front, top, side, back, and rear     Quality, hair, fine, soft; skin of medium thickness, mellow, elastic; secre- | 6                  |                  |
| tion vellow: bone, fine, clean  | 1 6                |                  |
| 4. Temperament, sanguine 5. Constitution, vigorous, robust, showing size and substance  | 4                  |                  |
| b. Constitution, vigorous, robust, showing size and substance   | 5                  |                  |
| B. Head and neck:   |                    |                  |
| 6. Muzzle, clean cut; mouth large; nostrils large   | 1                  |                  |
| 7. Eyes, full, clear, placid. 8. Face, lean and long; expression quiet.   | 1                  |                  |
| 8. Face, lean and long; expression quiet 9. Forehead, broad, high, full   | 1 2                |                  |
| 9. Forenead, broad, high, tuli  | 2                  |                  |
| 10. Ears, texture fine; size medium. 11. Neck, fine; length of neck medium; throat clean; dewlap light  | 1 0                |                  |
| C. Fore quarters:   |                    |                  |
| 12. Withers, lean, thin   | 1                  |                  |
| 13. Shoulders, light, slanting  | 2                  |                  |
| 14. Legs, straight, short; shank fine   | 3                  |                  |
| D. Body:  |                    |                  |
| 15, Chest, deep, low; girth large   | 8                  |                  |
| 16 Ribs broad long wide anart; stomach large  | 10                 |                  |
| 16. Ribs, broad, long, wide apart; stomach large.<br>17. Back, lean, straight; vertebræ spaced.   | 3                  |                  |
| 18. Loin, broad, muscular   | 3                  |                  |
| 19. Flank, thin, arching  | 1                  |                  |
| 20, Navel, large, well-defined  | 2                  |                  |
| E Hind quarters:  |                    |                  |
| 21. Hips, wide; space between hooks level   | 2                  |                  |
| 22. Rump, long, wide  | 2                  |                  |
| 21. Hîps, wide; space between hooks level<br>22. Rump, long, wide<br>23. Pîn bones, high, wide apart.   | 1                  |                  |
| 24. Tail, long, fine; switch fine   | 1                  |                  |
| 25. Thighs, long, thin  | 2                  |                  |
| 26. Escutcheon, spreading over thighs, extending far upward   | 2                  |                  |
| 27. Udder, long, capacious, but not pendulous, extending well up behind and far forward; quarters, even, free from fleshiness   |                    |                  |
| and far forward; quarters, even, free from fleshiness   | 15                 |                  |
| 28. Teats, large, evenly placed   | 4                  |                  |
| 29. Milk veins, large, long, tortuous   | 3                  |                  |
| 30. Milk wells, large   | 3                  |                  |
| 31. Legs, straight, set well apart; shank fine  | 3                  |                  |
| Total.  | 100                |                  |
| 10001   | 100                |                  |

## State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.  | Perfect<br>score. | Student's<br>score. |
|---|-------------------|---------------------|
| . Primary considerations:   |                   |                     |
| 1. Weight,—pounds   |                   |                     |
| 2. Size and substance, forage   | 3                 |                     |
| 3. Style, attractive, sprightly; breeding apparent  | 4                 |                     |
| 4. Appearance, wedge-shaped, angular. 5. Quality, skin thin, loose, elastic, mellow; flesh firm; hair soft, fine, silky       | 4                 |                     |
| 5. Quality, skin thin, loose, elastic, mellow; flesh firm; hair soit, fine, sliky [1] Nervous energy:                         | 9                 |                     |
| 6. Temperament, active, controlled  | 5                 |                     |
| 7. Eyes, large, clear, bright, mild, placid, free from white  | 6                 |                     |
| 8. Forehead, broad, high; face dished.  | 3                 |                     |
| 9 Ears broad thin active  | 2                 |                     |
| 10. Spinal column, long, prominent, open  | 4                 |                     |
| 11. Milk veins, branching, long, tortuous   | 4                 |                     |
| 12. Navel, large, defined   | 2                 |                     |
| III. Structural anatomy:  |                   |                     |
| 13. Contour, clean-cut, smooth, correlated, symmetrical, free from patchi-  |                   |                     |
| ness and offal  |                   |                     |
| 14. Head, medium in size; muzzle refined; mouth large; face lean, long  | 1                 |                     |
| 15. Neck, fine; length medium; flat on side; throat clean; dewlap light   | 1                 |                     |
| 16. Withers, narrow on top, spreading; shoulder light, slanting   | 1                 |                     |
| 17. Back, straight, strong, well muscled.   | 3                 |                     |
| 18. Loin, broad, strong<br>19. Pelvic arch, prominent, bare; pin bones high, wide   | 0                 |                     |
| 20. Floub bigh, twist open, thigh thin incurred   | 1                 |                     |
| 20. Flank, high; twist open; thigh thin, incurved<br>21. Bones, medium; joints fine, flat; horns small, waxy; tail long, slim | 2                 |                     |
| IV. Digestion and assimilation:   | -                 |                     |
| 22. Nostrils, medium-sized, clear, bright   | 1                 |                     |
| 23. Breast and brisket, prominent, angular  | î                 |                     |
| 24. Chest, wide, deep, long; girth large  | 8                 |                     |
| 24. Chest, wide, deep, long; girth large 25. Barrel, medium long, broad on top, deep, capacious.                              | 9                 |                     |
| 26. Ribs, flat, spaced, well sprung; chine open   | 3                 |                     |
| V. Milk indications:  |                   |                     |
| 27. False ribs, suppressed; barrel depression marked  | 3                 |                     |
| 28. Udder, long, capacious, balanced, free from fleshiness, strongly attached,  |                   |                     |
| collapsed when empty; teats evenly placed   | 8                 |                     |
| 29. Escutcheon, spreading over thighs, extending well upward  | 3                 |                     |
| 30. Milk veins, large, tortuous, long, branched; milk wells large   | 6                 |                     |
| * 31. Skin of car and udder yellow; secretions yellow   | 1                 |                     |
| Total.  | 100               |                     |
| 1000  | 100               |                     |

# Agricultural and Mechanical College of Texas.

| Scale of points.  | Possible score. | Student's score. | Corrected.                              |
|---|-----------------|------------------|---|
| A. General appearance:  |                 |                  |   |
| Weight 800 to 1,000 pounds estimated pounds   |                 |                  |   |
| Form, wedge-shaped as viewed from front, top, and back  | 8               |                  |   |
| Quality, hair fine, soft; skin of medium thickness, mellow,   |                 |                  |   |
| elastic; secretion yellow; bone fine, clean   |                 |                  |   |
| Temperament, sanguine   | 5               |                  |   |
| B. Head and neck:   |                 |                  |   |
| Muzzle, clean cut; mouth large; nostrils large.   | 1               |                  |   |
| Eyes, full, mild, bright  | 1 1             |                  |   |
| Eyes, full, mild, bright. Face, lean, long; expression quiet Forchead, broad, high, full Ears, texture fine; size medium. | 2               |                  |   |
| Forenead, broad, fight, full  | 1               |                  |   |
| Neck, fine: length of neck medium: throat clean; dewlap light.  | 1               |                  |   |
| C. Fore quarters:   | 2               |                  |   |
| Withers, lean, thin   | 1               |                  |   |
| Shoulder light elepting   | 2               |                  |   |
| Shoulders, light, slanting<br>Legs, straight, short; shank fine   | 2 3             |                  |   |
| D. Body:  | 0               |                  |   |
| Chest deen low girth large  | 8               |                  |   |
| Ribs broad long wide anart stomach large  | 10              |                  |   |
| Chest, deep, low; girth large.<br>Ribs, broad, long, wide apart; stomach large.<br>Back, lean, straight, open jointed.    | 3               |                  |   |
| Loin, broad   | 3               |                  |   |
| Flank, low  | i               |                  |   |
| Flank, low<br>Navel, large  | 2               |                  |   |
| E Hind quarters:  |                 |                  |   |
| Hips, far apart; space between hooks level  | 2               |                  |   |
| Hips, far apart; space between hooks level<br>Rump, long, wide-<br>Pin bones, high, wide apart.                           | 2               |                  |   |
| Pin bones, high, wide apart   | 1               |                  |   |
| Tail, long, fine; switch fine   | 1               |                  |   |
| Thigh, long, thin   | 2               |                  |   |
| Escutcheon, spreading over thighs, extending far upwards  | 2               |                  |   |
| Udder, long, capacious, but not pendulous, extending well up  |                 |                  |   |
| Udder, long, capacious, but not pendulous, extending well up behind and far forward; quarters even, free from fleshiness  | 15              |                  |   |
| Teats, large, evenly placed   | 4               |                  |   |
| Milk veins, large, long, tortuous   | 3               |                  | • |
| Milk wells, large   | 3               |                  |   |
| Legs, straight, set well apart; shank fine  | 3               |                  |   |
| (Total  | 100             |                  |   |
| Total   | 100             |                  |   |

## Agricultural College of Utah.

| Scale of points.  General appearence: Age, estimated, —; corrected, — Weight, estimated, — pounds; actual, — pounds. Form, wedge shaped as viewed from front, side, and top. | Standard. | Student's. | Corrected. | Standard. | Student's, ma | le.    |
|--|-----------|------------|------------|-----------|---------------|--------|
| General appearence:  Age, estimated, ——; corrected, ——  Weight, estimated, —— pounds; actual, —— pounds  |           | -          | Corrected. | Standard. | udent's.      | ected. |
| Age, estimated, —; corrected, — Weight, estimated, — pounds; actual, — pounds  |           |            |            |           | z z           | Corr   |
| Age, estimated, —; corrected, — Weight, estimated, — pounds; actual, — pounds  |           |            |            |           |               |        |
| Weight, estimated, — pounds; actual, — pounds  Form wedge shaped as viewed from front, side, and top   | ••••      |            |            | 1         |               |        |
|  |           |            |            | 8         |               |        |
| Form, shapely, musculine, medium height  | 8         |            |            | ·         |               |        |
| Form, shapely, musculine, medium height<br>Quality, hair fine, sliky; skin mellow, loose, medium thickness; secre-<br>tions yellow; bone clean; horns small at base          |           |            |            |           |               |        |
| tions yellow; bone clean; horns small at base  | 7         |            |            | 7         |               |        |
| Temperament, nervous, indicated by lean appearance   | 4         |            |            | 4         |               |        |
| Muzzle, clean cut; mouth large, broad; nostrils large  | 1         |            |            | 1         |               |        |
| Eyes, large, bright, full, placid  | 2         |            |            | 2         |               |        |
| Face, lean, long; expression quiet.  Forehead, full above, broad, slightly dished between the eyes; not  | 1         |            |            | 1         |               |        |
| too wide between the horns   | 2         |            |            | 1         |               |        |
| Ears, well set; size medium; inside yellow; texture fine   | 1         |            |            | 1         |               |        |
| Neck, fine, but joining strong at head, rather long; throat clean; dew-<br>lap light   |           |            |            | 2         |               |        |
| Neck, neatly joined to head and shoulders, of good length; masculine   |           |            |            |           |               |        |
| and strong of bearing; nearly free of dewlap   | 3         |            |            |           |               |        |
| Fore quarters:   |           |            |            | 1         |               |        |
| Withers, lean, thin Withers, well rounded, even on top   | 2         |            |            | 1         |               |        |
| Shoulders, lean, strong, oblique<br>Legs, straight, short; shanks fine; hoofs broad, sloping   | 4         |            |            | 2         |               |        |
| Legs, straight, short; shanks fine; hoofs broad, sloping   | 1         |            |            | 1         |               |        |
| Body:<br>Chest, deep, low, full; girth large; brisket light, thin  | 8         |            |            | . 8       |               |        |
| Ribs broad long well sprung, wide apart  | 3         |            |            | 3         |               |        |
| Stomach (or belly), large, deep, roomy.  Back, fairly level, not too straight, standing out well; spine large, lean,   | 8         |            |            | . 8       |               |        |
| Back, fairly level, not too straight, standing out well; spine large, lean, open-jointed   | 3         |            |            | 2         |               |        |
| Loin broad lean  | 5         |            |            | 2         |               | 11     |
| Flank, moderately low, thin  | 2         |            |            | 1         |               |        |
| Navel, large, prominent  | 3         |            |            | 1         |               |        |
| Hip, wide apart, arched between  | 2         |            |            | 2         |               |        |
| Rump, long, wide, arched, not fleshy   | 2         |            |            | 3         |               |        |
| Pin bones (or thurls), high, wide apart  | 1         |            |            | 1         |               |        |
| Thighs, long, thin, incurved, giving room for udder  | 4 2       |            |            |           |               | •••    |
| Tail, long, slim, reaching to hocks; switch fine   | ĩ         |            |            |           |               |        |
| Udder and rudimentaries (milk-secreting organs):   |           |            | 1          |           |               |        |
| Udder, long, attached high and full behind, extending far in front and full: quarters even   |           |            |            | 12        |               |        |
| Udder, capacious, flexible: skin loose, pliable, covered with short.   | ••••      | •          |            |           |               |        |
| Udder, capacious, flexible; skin loose, pliable, covered with short, fine hair; some substance in structure, but not fleshy  |           |            |            | 7 5       |               |        |
| Teats, size and length, medium; evenly placed, wide apart  | 10        |            |            |           |               |        |
| Rudimentaries, four; large, well placed  | 10        | • • • • •  |            |           |               |        |
| forward  | 5         |            |            | 6         |               |        |
| Escutcheon, spreading over thighs; extending high and wide; thigh  |           |            |            | 0         | 1             |        |
| ovals large  | 5         |            |            | 3         |               |        |
| Total  | 100       |            |            | 101       |               |        |

# Virginia Agricultural and Mechanical College and Polytechnic Institute.

Same as the Iowa card (see p. 61) for dairy cattle

# Washington Agricultural College and School of Science.

| Scale of points.   | Perfect. | Student's score. | Corrected score. |
|--|----------|------------------|------------------|
| General appearance—21:   |          |                  |                  |
| Weight, estimated, — pounds; actual, — pounds  |          |                  |                  |
| Age, estimated, —; actual, —   |          |                  |                  |
| Ovelity hair fine, skin soft modium thickness, hone clean  | 10       |                  |                  |
| Tompersment nervous  | B        |                  |                  |
| Head—7:  | 0        |                  |                  |
| Muzzle, clean cut; mouth large; nostrils large   | 1        |                  |                  |
| Face, lean, long, dishing  | 2        |                  |                  |
| Eves, full, mild, bright.  | 1        |                  |                  |
| Forehead, broad; horns small at base   | 2        |                  |                  |
| Ears, size medium; inside yellow; texture fine   | 1        |                  |                  |
| Fore quarters—9:   |          |                  |                  |
| Neck, thin; length medium.<br>Withers, sharp, lean.  |          |                  |                  |
| Charldone light oblique  | 1        |                  |                  |
| Shoulders, light, oblique.<br>Legs, short, straight, fine shanked.   | 1        |                  |                  |
| Brisket, thin, sharp.  | ĩ        |                  |                  |
|  |          |                  |                  |
| Chest, deep; girth at heart large (——feet, ——inches)  Ribs, broad, long, far apart.  Polly leger   | 7        |                  |                  |
| Ribs, broad, long, far apart   | 3        |                  |                  |
| Belly, large, roomy.<br>Back, lean, straight, open-jointed.  | 7 3      |                  |                  |
| Back, lean, straight, open-jointed   | 3        |                  |                  |
| Loin, broad<br>Flank, deep   | 2        |                  |                  |
| Flank, deep  | 2        |                  |                  |
| Navel, large   | 1        |                  |                  |
| Hind quarters—88:<br>Hips, far apart, level between them.  | 9        |                  |                  |
| Rump, long, high   | . 9      |                  |                  |
| Pin hones high wide apart  | ĩ        |                  |                  |
| Pin bones, high, wide apart. Tail, long, reaching hocks; switch finely developed   | î        |                  |                  |
| Thighs, thin, incurving  | 2        |                  |                  |
| Thighs, thin, incurving .<br>Escutcheon, wide, extending far up .  | 1        |                  |                  |
| Udder, extending far up behind and far in front; quarters even,  |          |                  |                  |
| free from fleshiness.  | 16       |                  |                  |
| Udder, extending far up behind and far in front; quarters even, free from fleshiness.  Teats, well shaped, neither too large nor too small; evenly placed. | 5        |                  |                  |
| Milk veins, large, tortuous  | 3        |                  |                  |
| Milk wells, large  |          |                  |                  |
| Legs, straight, far apart; shank fine  | 2        |                  |                  |
| Total  | 100      |                  |                  |
| 10tai  |          |                  |                  |
| *  |          |                  |                  |

## Washington Agricultural College and School of Science.

| Scale of points.   | Perfect.                     | Student's score. |
|--|------------------------------|------------------|
| I. Digestive apparatus:  1. Abdomen, deep, wide, giving triangular form, as seen from side and top  1. View; ribs well arched (not dropping too soon after leaving backbone).  2. Muzzle and jaw, large, showing eating capacity.  | 20 5                         |                  |
| II. Temperament:  1. Thighs, thin, incurving.  2. Hips, wide, prominent, but strong.  3. Backbone, well developed, not too deeply covered with flesh  4. Legs, short, small, thin skinned.  5. Shoulders, light, with sharp rather than round withers.  6. Brisket, V-shaped rather than U-shaped.  7. Neck, not fleshy.  8. Skull, wide in region of brain, showing large brain.  | 4 4 2                        |                  |
| <ul> <li>111. Constitution:</li> <li>1. Chest, deep, wide; fore legs not close together; nostrils wide, flaring; these points indicate large lungs and heart.</li> <li>2. Pelvic bones, large; rump prominent, clear to base of tail; tail long; switch well developed.</li> <li>3. Eyes, bright; skin soft, pliant; hair smooth, glossy; all indicating health and vigor.</li> </ul>  | 8<br>7<br>5                  |                  |
| V. Milk organs: 1. Udder, large, lower outline a semicircle when distended; attachment to body long, extending far up behind and far out in front; plenty of gland-ular tissue within, but showing loose folds behind when empty; quarters even 2. Teats, good size, well shaped, easy to milk, not too close together. 3. Milk veins, large, tortuous; veins on udder prominent [escutcheon wide, regular, extending far up(?)] | 20<br>,<br>12<br>5<br>8<br>5 | ,                |
| TotalV. Training:  | 100                          |                  |
| Flow, constant, regular till near calving, having been milked, fed regularly, and never allowed to nurse calf more than a few days.      No vicious habits such as kicking, hooking, jumping, etc  | 50<br>50                     |                  |
| Total  | 200                          |                  |

# College of Agriculture of the University of Wisconsin.

|  |                 | Points d         | leficient. |
|--|-----------------|------------------|------------|
| Scale of points.   | Possible score. | Student's score. | Corrected. |
| General appearance—17 points:  |                 |                  |            |
| Weight, estimated, — pounds  |                 |                  |            |
| Form, wedge shaped as viewed from front, side, and top   | . 5             |                  | •••••      |
| Quality, hair fine, soft; skin mellow, loose, medium thickness; secretion yellow; bone clean, fine |                 |                  |            |
| Temperament, nervous, indicated by marked refinement in  | -1              |                  |            |
| head, neck, and fore quarters; backbone prominent, well  |                 |                  |            |
| defined  | 8               |                  |            |
| Head and neck—13 points:   |                 |                  |            |
| Muzzle, clean cut; mouth large; nostrils wide  | 2 2             |                  |            |
| Eyes, large, bright, full<br>Face, refined, long; expression quiet                                 | 2               |                  |            |
| Face, refined, long; expression quiet  | 2               |                  |            |
| Forehead, broad, slightly dishing  | 2               |                  |            |
| Ears, size medium; inside yellow; texture fine   | 1               |                  |            |
| Fore quarters—7 points:  | 4               |                  |            |
| Shoulders, light, sloping, backbone rising well between the  |                 |                  |            |
| blades   | 4               |                  |            |
| Breast, pointed: brisket light   | 2               |                  |            |
| Breast, pointed; brisket light.<br>Legs, straight, short; shank fine.                              | ī               |                  |            |
| Body—20 points:  |                 |                  |            |
| Chest, deep; foreflank full  | 5               |                  |            |
| Barrel, large; ribs broad, deep, wide apart  | 9               |                  |            |
| Back, straight, strong; prominences clearly defined  | 3               |                  |            |
| Loin, broad; coupling roomy  | 3               |                  |            |
| Hind quarters—15 points:   | 2               |                  |            |
| Hips, far apart, prominent, level with the back<br>Rump, long, wide; pelvis roomy                  | 5               |                  |            |
| Tail, well set, long, tapering; switch heavy   | 1               |                  |            |
| Thighs, thin, long, wide apart; twist very open  | 5               |                  |            |
| Legs, straight, far apart; shank fine  | í               |                  |            |
| Escutcheon, spreading over thighs, extending high and wide;  | _               |                  |            |
| thigh ovals large  | 1               |                  |            |
| Milk organs—28 points:   |                 |                  |            |
| Udder, symmetrical, broad, extending well forward and well   |                 |                  |            |
| up between thighs, free from fleshiness, well held up; quar-                                       |                 |                  |            |
| ters even in size  | 18              |                  |            |
| Teats, good size, evenly placed  | 4               |                  |            |
| Milk veins, large, tortuous, branching; milk wells large, numer-                                   | 6               |                  |            |
| ous  | 0               |                  |            |
| Total  | 100             | S                |            |
|  | 100             |                  |            |

#### HOGS.

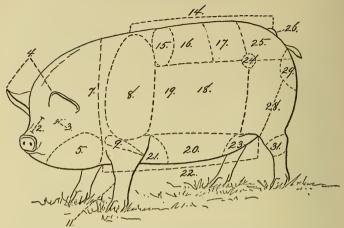
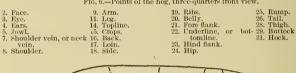


Fig. 6.—Points of the hog, three-quarters front view.



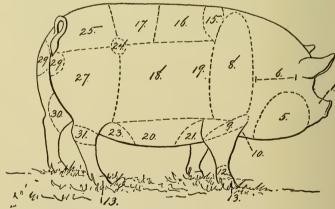


Fig. 7.-Points of the hog, side view

|              | *******      | min or the modificate treat. |                       |
|--------------|--------------|------------------------------|-----------------------|
| 1. Snout.    | 12. Pastern. | 19. Ribs.                    | 27. Ham, or gammo     |
| 5. Jowl.     | 13. Fcet.    | 20. Belly.                   | 29. Buttocks.         |
| 6. Neck.     | 15. Crops.   | 21. Fore flank.              | 30, Twist, or crotch. |
| 8. Shoulder. | 16. Back.    | 23. Hind flank.              | 31. Hock.             |
|              |              |                              |                       |

9. Arm. 10. Breast, or brisket. 24. Hip. 25. Rump.

# Alabama Polytechnic Institute.

| Scale of points.   | Possible score.       | Student's score. | Judge's score. |
|--|-----------------------|------------------|----------------|
| General appearance:  Weight, score according to age Form, deep, broad, low, long, symmetrical, compact, standing squarely on legs. General appearance:  Standard on the standard of the standa | 1<br>1<br>1<br>1<br>1 |                  |                |
| Objections, weak knees and pasterns; legs close together, crooked; shoulders narrow, shallow.  Body: Chest, deep, broad; girth full. Sides, deep, long, full; ribs close, well sprung. Back, broad, straight, uniform width, thickly and evenly fleshed. Loin, wide, thick, straight. Belly, straight, even; flank well let down Objections, depression behind shoulders; girth small; loin narrow; back drooping; belly narrow.  Hind quarters: Hips, wide apart, smooth Rump, long, wide, evenly fleshed, straight. Ham, heavily fleshed, plump, full, deep, wide. Thigh, fleshed close to hocks, full in crotch Legs, straight, strong, short; bone clean; pasterns upright; feet Tail, well set on; size medium; curled. Objections, hips and rump narrow; rump short, steep; ham and thigh thin and shallow.  | 6<br>11<br>10<br>4    |                  |                |
| Total  | 100                   |                  |                |

# Kansas State Agricultural College.

|  | Possible score.                                     | Student's score. | Judge's<br>score. |
|--|---|------------------|-------------------|
| 1. Head 2. Eyes 3. Ears 4. Neck 4. Neck 4. Neck 5. Neck 6. Shoulders 7. Chest 7. Chest 8. Back and loins 9. Sides and rib 10. Belly and flank 11. Ham and rump 12. Feet and legs 13. Tail 14. Coat 15. Color 15. Size 17. Action and style 18. Condition 19. Disposition | 4 2 2 2 2 2 6 6 12 14 10 10 10 13 3 3 5 5 3 2 2 2 2 |                  |                   |
| 20 Symmetry  | 100   |                  |                   |

## Michigan State Agricultural College.

| Scale of points.   | Perfect.         | Student's estimate. | Corrected. |
|--|------------------|---------------------|------------|
| General appearance: Weight, estimated, — pounds; actual, — pounds Size, according to age and breed Form, deep, low down, broad; standing firmly and squarely on legs. Quality, bone clean, medium fineness; hair silky, without      | 8                |                     |            |
| bristles Disposition, quiet.   | 8<br>5<br>27     |                     |            |
| Head and neck: Snout, length medium Eyes, prominent, clear, bright Face, short, cheeks prominent. Ears, fine, silky; size medium Jowl, large, neat, full to brisket and shoulder Neck, short, thick, broad on top                    | 1                |                     |            |
| Fore quarters: Shoulder, broad, deep, compact, full Breast, moderately projecting, wide, deep. Legs, straight, short, well placed outside. Feet, strong; standing well on the toes.  | 3 3              |                     |            |
| Body: Girth, large Chest, deep, wide, thick through the heart Side, close sibbed, long, deep, full Back, broad, straight, thick fleshed Loin, broad, thick, even Belly, wide; bottomline straight. Flank, low, continuing bottomline | 8<br>5<br>3<br>2 |                     |            |
| Hind quarters:  Hips, wide apart, smooth.  Rump, long, broad, even, full.  Hams, thickly fleshed, broad, long, fleshed low down.  Legs, straight, short, well placed outside.  Feet, strong; standing well upon toes.                | 3<br>9<br>3<br>3 |                     |            |
| Total  | 100              |                     |            |

# College of Agriculture and Mechanic Arts of the University of Missouri.

| Scale of points.   | Perfect. | Student's estimate. | Corrected. |
|--|----------|---------------------|------------|
| General appearance: Weight, estimated, — pounds; actual, — pounds  |          |                     |            |
| Size, according to age   | 6        |                     |            |
| Quality, bone clean, medium fineness; hair silky, without  | 7        |                     |            |
| bristles<br>Disposition, quiet   | 8<br>5   |                     |            |
|  | 26       |                     |            |
| Head and neck:<br>Snout, length medium   | 1        |                     |            |
| Eyes, prominent, clear, bright   | 1 1      |                     |            |
| Ears, fine, silky; size medium  Jowl, large, neat, full to brisket and shoulder                            | 1 1      |                     |            |
| Neck, short, thick, broad on top   | 2        |                     |            |
|  | 7        |                     |            |
| Fore quarters: Shoulder vein, full   | 2        |                     |            |
| Breast, moderately projecting, wide, deep<br>Legs, straight, short, strong, well placed outside            | 3 6      |                     |            |
| negs, straight, short, strong, wen placed outside  | 19       |                     |            |
| Body:  |          |                     |            |
| Girth, large, — feet, — inches<br>Chest, deep, wide  | 5        |                     |            |
| Sides, close ribbed, long, deep, full<br>Back, broad, straight, thick fleshed                              | b        |                     |            |
| Loin, broad, thick, even Belly, wide; bottom line straight   | 2        |                     |            |
| Flank, low, continuing bottom line   | 27       |                     |            |
| Hind quarters:   |          |                     |            |
| Hips, wide apart, smooth   | 3 3      |                     |            |
| Hams, thickly fleshed, broad, long, fleshed low down<br>Legs, straight, short, strong, well placed outside | 9 6      |                     |            |
|  | 21       |                     |            |
| Total  | 100      |                     |            |
|  |          |                     |            |

## New Hampshire College of Agriculture and the Mechanic Arts.

| Scale of points.   Perfect score.   Student's score.     Student's score.  |   | D   | Points d | eficient.  |
|--|---|-----|----------|------------|
| Weight, estimated, — pounds; actual, — pounds   Score, according to age.   6   | Seale of points.  |     |          | Corrected. |
| Score, according to age.   Form, deep, broad, low, symmetrical, compact; standing squarely on legs.   S   Quality, bone clean; hair silky; skin fine.   S   S   Quality, bone clean; hair silky; skin fine.   S   S   Disposition, quiet.   Disp   | A. General appearance:  |     |          |            |
| Score, according to age.   Form, deep, broad, low, symmetrical, compact; standing squarely on legs.   S   Quality, bone clean; hair silky; skin fine.   S   S   Quality, bone clean; hair silky; skin fine.   S   S   Disposition, quiet.   Disp   | Weight, estimated, — pounds; actual, — pounds                   |     |          |            |
| on legs. Quality, bone clean; hair silky; skin fine. B. Head and neck Shout, length medium; not coarse. Shout, length medium; not coarse.  Syes, hull, mild, bright, large. Face, short; cheeks full | Score, according to age   | 6   |          |            |
| Quality, bone clean; hair silky; skin fine   | Form, deep, broad, low, symmetrical, compact; standing squarely |     |          |            |
| Disposition, quiet   5   8   Head and neck   Shout, length medium; not coarse   1   1   1   1   1   1   1   1   1  | on legs.  | 8   |          |            |
| B. Head and neck Snout, length medium; not coarse 1   Eyes, full, mild, bright, large 1   Face, short; checks full 1   1   1   1   Ears, fine, soft; size medium 1   1   1   1   Jowl, strong, neat, broad 1   1   Neck, thick; length medium 1   Neck, thick; length medium 1   1   1   1   Shoulder vein, full 1   1   1   1   Shoulder vein, full 1   1   2   2   Legs, straight, short, strong; feet medium size 2   Legs, straight, short, strong; feet medium size 4   D. Body: Chest, deep, broad; girth large Sides, deep, lengthy, closely ribbed 1   Sack, broad, straight, thickly and evenly fleshed 1   Loin, wide, thick 1   Sack, broad, straight, thickly and evenly fleshed 1   Sack, broad, straight, straight 2   Flank, straight, short, strong; feet medium size 3   Sack, broad, deep, wide 4   Thighs, fleshed close to hocks, 1   1   1   Legs, straight, short, strong; feet medium size 4   4   Legs, straight, short, strong; feet medium size  | Quality, bone clean; hair silky; skin line                      | 8   |          |            |
| Shout, length medium; not coarse   1   Eyes, full, mild, bright, large   1   1   1   1   1   1   1   1   1   | P. Hood and pech  | 9   |          |            |
| Eyes, full, mild, bright, large  |   | 1   |          |            |
| Face, short; cheeks full 1   | Ever full mild bright large                                     |     |          |            |
| Ears, fine, soft: size medium 1 1 Jowl, strong, neat, broad. 1 1 Neek, thick; length medium 1 New, thick; length medium 1 New, thick; length medium 1 New, thick shoulder vein, full 1 New, thick shoulder vein, full 1 New, thick shoulder vein, full 1 New, thick shoulder vein, the vein vein, the vein vein vein vein, the vein vein vein vein vein vein vein vei   | Face short: cheeks full   | Î   |          |            |
| Jowl, strong, neat, broad  | Ears, fine, soft; size medium                                   | Î   |          |            |
| Neck, thick; length medium   1   | Jowl, strong, neat, broad.                                      | î   |          |            |
| Shoulder yein, full   1   1   1   1   1   1   1   1   1  | Neck, thick: length medium                                      | 1   |          |            |
| Shoulder, broad, deep, full, compact on top  |   |     |          |            |
| Legs, straight, short, strong; feet medium size  | Shoulder vein, full   | 1   |          |            |
| Legs, straight, short, strong; feet medium size  | Shoulder, broad, deep, full, compact on top                     | 8   |          |            |
| Legs, straight, short, strong; feet medium size  | Breast, advanced, wide  | 2   |          |            |
| Chest, deep, broad; girth large   10     Sides, deep, lengthy, closely ribbed   8     Back, broad, straight, thickly and evenly fleshed   4     Loin, wide, thick   3     Belly, straight   2     Flank, even with underline   2     Elmid quarters   3     Hips, wide apart, smooth   3     Rump, long, wide, evenly fleshed, straight   3     Hams, heavily fleshed, deep, wide   8     Thighs, fleshed close to hocks   4     Tail, tapering   1     Legs, straight, short, strong; feet medium size   4  | Legs, straight, short, strong; feet medium size                 | 4   |          |            |
| Sides, deep, lengthy, closely ribbed   8   Back, broad, straight, thickly and evenly fleshed   4   Loin, wide, thick   3   Belly, straight   2   Flank, even with underline   2   Flank, even with underline   2   Flank, even with underline   3   Flank, even with underline   4   Flank, fleshed, deep, wide   4   Flank, fleshed, even to hocks   4   Flank, flank, fleshed, even the flank even to hock   4   Flank, f   |   |     |          |            |
| Loin, wide, thick  | Chest, deep, broad; girth large                                 | 10  |          |            |
| Loin, wide, thick  | Sides, deep, lengthy, closely ribbed                            | 8   |          |            |
| Belly, straight  | back, broad, straight, thickly and evenly neshed                | 4   |          |            |
| Flank, even with underline   2     E. Hind quarters  |   |     |          |            |
| E. Hind quarters:  Hips, wide apart, smooth 3  Rump, long, wide, evenly fleshed, straight 3  Hams, heavily fleshed, deep, wide 8  Thighs, fleshed close to hocks. 4  Tail, tapering 1  Legs, straight, short, strong; feet medium size 4   | Flank even with underline                                       |     |          |            |
| Hips, wide apart, smooth   | F Hind quarters   | - 4 |          |            |
| Rump, long, wide, evenly fleshed, straight   3   Hams, heavily fleshed, deep, wide   8   Thighs, fleshed close to hocks.   4   Tail, tapering   1   Legs, straight, short, strong; feet medium size   4  | Hips wide apart smooth  | 3   |          |            |
| Hams, heavily fleshed, deep, wide.       8         Thighs, fleshed close to hocks.       4         Tail, tapering.       1         Legs, straight, short, strong; feet medium size.       4  | Rump long wide evenly fleshed straight                          | 3   |          |            |
| Tail, tapering 1<br>Legs, straight, short, strong; feet medium size 4  | Hams, heavily fleshed, deep, wide                               |     |          |            |
| Tail, tapering 1<br>Legs, straight, short, strong; feet medium size 4  | Thighs, fleshed close to hocks.                                 | 4   |          |            |
| Legs, straight, short, strong; feet medium size4   | Tail, tapering  | 1   |          |            |
| Total  | Legs, straight, short, strong; feet medium size                 | 4   |          |            |
| Total  |   |     |          |            |
|  | Total   | 100 |          |            |

## North Carolina College of Agriculture and Mechanic Arts.

Same as the New Hampshire card (see above) for hogs.

## North Dakota Agricultural College.

|  | D. C. A   | Points of        | leficient. |
|--|---|------------------|------------|
| Scale of points.a  | Perfect<br>score.   | Student's score. | Corrected. |
| General appearance:  Weight, estimated, — pounds; actual, — pounds; score according to age.  Form, deep, broad, low, long, symmetrical, compact; standing squarely on legs.  Quality, bone clean; hair silky; skin fine.  Disposition, quiet  Head and neck  Snowl, tendin, mot coarse  Snowl, tendin, mot coarse  Snowl, tendin, bright, large  Face, short; cheeks full  Ears, fine; size medium; soft.  Jowl, strong, neat, broad.  Neck, thick; length medium.  Fore quarters:  Shoulder vein, full.  Shoulder vein, full.  Shoulder vein, full.  Shoulder vein, full.  Shoulder, broad, deep, full, compact on top  Breast, advanced, wide  Legs, straight, short, strong; feet medium size.  Body:  Chest, deep, broad; girth large.  Sides, deep, lengthy, closely ribbed.  Back, straight, broad, thickly and evenly fleshed  Lolly, with the coarse of the coarse | 8 5 5 1 1 1 1 1 1 1 1 1 1 2 8 2 2 5 5 8 8 4 4 3 2 2 2 2 3 3 3 8 4 5 5 |                  |            |
| Total  | 100   |                  |            |
|  |   |                  |            |

#### a After Craig.

# Oklahoma Agricultural and Mechanical College.

| Weight: Six months, 200 pounds; 12 months, 350 pounds; 18 months, 450 pounds; 24 months, 500 pounds  | Oktanoma Agricultural and Mechanical College.                 |     |    |                  |   |               |  |
|--|---|-----|----|------------------|---|---------------|--|
| Weight: Six months, 200 pounds; 12 months, 350 pounds; 18 months, 450 pounds; 24 months, 500 pounds  | Scale of points.  |     | Na | Name of animals. |   |               |  |
| months, 450 pounds: 24 months, 500 pounds  Estimated, pounds Actual, pounds Actua | General appearance—40 points:                                 |     |    |                  |   |               |  |
| Estimated, pounds  | months, 450 pounds; 24 months, 500 pounds                     |     |    |                  |   |               |  |
| Actual, pounds According to age.  According to age.  Form, deep, broad, low, long, symmetrical, compact; standing squarely on legs.  Quality, bone clean; hair sliky; skin fine; flesh free from lumps and wrinkles.  God valuable, the covering of flesh, especially in region of valuable entered to the covering of flesh, especially in region.  Bead and neck—6 points:  Snout, length medium; not coarse.  I Bead and neck—6 points:  Snout, length medium; not coarse.  I Espes, full, bright, large.  Face, short; cheeks, full.  Ears, fine, soft; medium size.  I Dowl, long, neat, broad, full to brisket and shoulder.  I Neck, thick; length medium.  Fore quarters—7 points:  Shoulder, broad, deep, full, compact on top.  Breast, advanced, broad.  Brody—25 points:  Chest, deep, broad; grith large.  Sides, deep, lengthy, close ribbed.  Back, broad, straight, thickly and evenly fleshed.  Belly, straight, wide.  Elank, even with under line.  Lings pronoth, wide apart  Hips, smooth, wide apart  Hips, smooth, wide apart  Legs, straight, short, strong, well placed; pasterns upright.  Chest, deep, lengthy, wide.  Elank, even with under line.  Elank, even with under line.  Lings smooth, wide apart  Lings, smooth, wide apart  Lings, smooth, wide, evenly fleshed, straight.  Elank, even with under line.  Legs, straight, short, strong, well placed; pasterns upright.  Legs, straight, short, strong, well placed; pasterns upright.  | Estimated, pounds   |     |    | 1                |   | 1             |  |
| Form, deep, foroad, low, long, symmetrical, compact; standing squarely on legs.   10   | Actual, pounds  |     |    |                  |   |               |  |
| The squarety on legs   The squarety on legs   The squarety   The   | According to age.   | 8   |    |                  |   |               |  |
| Condition, deep, even covering of flesh, especially in region of valuable cuts   | ing squarely on legs  | 10  |    |                  |   |               |  |
| Condition, deep, even covering of flesh, especially in region of valuable cuts   | Quality, bone clean; hair silky; skin fine; flesh free from   | 10  |    |                  |   |               |  |
| of valuable cuts Head and neck—6 points: Snout, length medium; not coarse Eyes, full, bright, large.  Face, short; cheeks full Ears, fine, soft; medium size 1 Jowl, long, neat, broad, full to brisket and shoulder.  Seek, thick; length medium.  Seek, thick; length medium.  Face, short, cheeks full Body—28 points:  Steas, advanced, broad.  Legs, straight, short, strong; pasterns upright.  Body—29 points:  Chest, deep, broad; girth large.  Slides, deep, lengthy, close ribbed.  Back, broad, straight, thickly and evenly fleshed.  Back, broad, straight, thickly and evenly fleshed.  Back, broad, straight, wide.  Flank, even with under line.  Legs, straight, short, strong; pasterns upright.  Back, broad, straight, wide.  Back, broad, straight, thickly and evenly fleshed.  Back, broad, straight, wide.  Back, broad, straight, straight.  Back, broad, straight, straight.  Back, broad, straight, straight.  Back, broad, straight, straight.  Back, broad, straight, straight, straight, straight, straight, straight, straight, straight, straight, stort, strong, well placed; pasterns upright.  | lumps and wrinkles  | 10  |    |                  |   |               |  |
| Head and neck—6 points:   Snout, length medium; not coarse   1   | Condition, deep, even covering of flesh, especially in region | 10  |    |                  |   |               |  |
| Snout, length medium; not coarse   1   | Head and neck—6 points:                                       |     |    |                  |   |               |  |
| Face, short; cheeks, full  | Snout, length medium; not coarse                              | 1   |    |                  |   |               |  |
| Jowl. long, neat, broad, full to brisket and shoulder  | Eyes, full, bright, large                                     | 1   |    |                  |   |               |  |
| Jowl. long, neat, broad, full to brisket and shoulder  | Face, short; cheeks, full                                     | 1   |    |                  |   |               |  |
| Neck, thick; length medium   | Iowl long neat broad full to brisket and shoulder             | 1   |    |                  |   |               |  |
| Fore quarters—7 points:  Shoulder, broad, deep, full, compact on top.  Breast, advanced, broad  Legs, straight, short, strong; pasterns upright.  1  Body—28 points:  Chest, deep, broad; girth large  Sides, deep, lengthy, close ribbed.  Fack, broad, straight, thickly and evenly fleshed.  Back, broad, straight, thickly and evenly fleshed.  Belly, straight, wide.  Flank, even with under line.  Hing america—19 points:  Hips, smooth, wide apart  Rump, long, wide, evenly fleshed, straight  Lams, heavily fleshed, deep, wide, full.  Light fleshed close to hocks.  Legs, straight, short, strong, well placed; pasterns upright.  Legs, straight, short, strong, well placed; pasterns upright.   | Neck, thick; length medium                                    | î   |    |                  |   |               |  |
| Breast, advanced, broad  | Fore quarters—7 points:                                       |     |    |                  |   |               |  |
| Legs, straight, short, strong; pasterns upright.   1   Body—28 points;   4   Slödes, deep, horad; girth large   4   Slödes, deep, lengthy, close ribbed   7   Back, broad, straight, thickly and evenly fleshed   8   Loins, broad, thick   5   Belly, straight, wide   2   Flank, even with under line   2   Flank, even with under line   2   Hind quarters—19 points;   2   Hind quarters—19 points;   2   Hind shooth, wide apart   2   Hind shooth, strong, shooth, deep, wide, full   12   Legs, straight, short, strong, well placed; pasterns upright   1   1   1   1   1   1   1   1   1  | Shoulder, broad, deep, full, compact on top                   | 5   |    |                  |   | • • • • • • • |  |
| Body = 28 points: Chest, deep, broad; girth large   4   Chest, deep, broad; girth large   5   5   8   8   Loins, broad, straight, thickly and evenly fleshed   8   8   Loins, broad, thick   5   5   6   Elly, straight, wide   2   2   Flank, even with under line   2   Ellind, even with under line   2   Ellind, under straight, wide   2   2   Ellind, under straight, wide   2   Ellind, under straight, wide   2   Ellind, under straight   2   Ellind, un   | Legs, straight, short, strong; pasterns unright.              | 1   |    |                  |   |               |  |
| Back, broad, straight, thickly and evenly fleshed   8   Loins, broad, thick   5   5   6elly, straight, wide   2   Flank, even with under line   2   2   Hind quarters—19 points   2   Hins, smooth, wide apart   2   Hins, long, wide evenly fleshed, straight   2   2   2   2   2   2   2   2   3   3   | Body—28 points:   |     |    |                  |   |               |  |
| Back, broad, straight, thickly and evenly fleshed   8   Loins, broad, thick   5   5   6elly, straight, wide   2   Flank, even with under line   2   2   Hind quarters—19 points   2   Hins, smooth, wide apart   2   Hins, long, wide evenly fleshed, straight   2   2   2   2   2   2   2   2   3   3   | Chest, deep, broad; girth large                               | 4   |    |                  |   |               |  |
| Loins, broad, thick. 5 Belly, straight, wide. 2 Flank, even with under line. 2 Hind quarters—19 points: 3 Hips, smooth, wide apart 2 Hams, heavily fleshed, straight 2 Hams, heavily fleshed, deep, wide, full 12 Thighs, fleshed close to hocks 2 Legs, straight, short, strong, well placed; pasterns upright 1  | Sides, deep, lengthy, close ribbed                            | 7   |    | •••••            |   |               |  |
| Belly, straight, wide   2  | Loins, broad, thick   | 5   |    |                  |   |               |  |
| Flank, even with under line   2  | Belly, straight, wide   | 2   |    |                  | 1 |               |  |
| Hijps, smooth, wide apart  | Flank, even with under line                                   | 2   |    |                  |   |               |  |
| Rump, long, wide, evenly fleshed, straight   |   |     |    |                  |   |               |  |
| Hams, heavily fleshed, deep, wide, full 12 Thighs, fleshed close to hocks 2 Legs, straight, short, strong, well placed; pasterns upright 1   | Rump long wide evenly fleshed straight                        | 2   |    |                  |   |               |  |
| Thighs, fleshed close to hocks 2 Legs, straight, short, strong, well placed; pasterns upright 1  | Hams, heavily fleshed, deep, wide, full                       | 12  |    |                  |   |               |  |
|  | Thighs, fleshed close to hocks                                | 2   |    |                  |   |               |  |
| Total 100  | Legs, straight, short, strong, well placed; pasterns upright  | 1   |    |                  |   |               |  |
| 100  | Total   | 100 |    |                  |   |               |  |

# The Pennsylvania State College.

|   |                   | Points deficient. |   |  |
|---|-------------------|-------------------|---|--|
| Scale of points.  | Perfect<br>score. | Student's score.  | Corrected.                              |  |
| General appearance:   |                   |                   |   |  |
| Weight, estimated, — pounds; actual, — pounds; score according to age.  | . 5               |                   |   |  |
| Objections, undersize, overgrown, coarse, slow to fatten.<br>Form, deep, broad, low, long, symmetrical, compact, standing   |                   |                   |   |  |
| squarely on legs  | . 7               |                   |   |  |
| Objections, narrow hams; broad, heavy shoulders; loosely jointed, unsymmetrical.  |                   |                   |   |  |
| Quality, bone clean; hair silky; skin fine  | 6                 |                   |   |  |
| Quality, bone clean; hair silky; skin fine. Objections, bone large, coarse, without taper; pasterns long; hair coarse, harsh, not evenly distributed. Disposition, quiet, gentle, easy to handle. | 3                 |                   |   |  |
| Objections, cross, restiess, wild.  | 3                 | •••••             |   |  |
| Head and neck:<br>Snout, length medium; not coarse  | 2                 |                   |   |  |
| Objections, long, thick, coarse.  | _                 |                   |   |  |
| Objections, long, narrow between eyes.  | 2                 |                   |   |  |
| Objections, long, narrow between eyes.<br>Eyes, full, mild, bright.<br>Objections, small, dull, deep set; vision impaired by wrinkles.  | 1                 |                   |   |  |
| Ears, fine: size medium: soft   | 2                 |                   |   |  |
| Objections, large, coarse; knuckle long or large; difference in size or position one with another.  |                   |                   |   |  |
| Jowl, strong, neat, broad   | 2                 |                   |   |  |
| ing fullness back to the shoulder or brisket.   |                   |                   |   |  |
| Neck, thick; length medium  | 2                 |                   |   |  |
| Fore quarters: Shoulder, broad, deep, full, compact on top  | 8                 |                   |   |  |
| Objections, lacking in depth or width; thick beyond the line  |                   |                   |   |  |
| of sides and hams; extending above line of back; shield too coarse and prominent.   |                   |                   |   |  |
| Breast, advanced, wide  | 2                 |                   |   |  |
| Legs, short, strong; feet medium size; hoof erect, capable of<br>bearing good weight  |                   |                   |   |  |
| Objections, legs long, slim, coarse, crooked; hoof long, slim,  | 5                 |                   |   |  |
| weak, unable to bear weight of animal without breaking down.  |                   |                   |   |  |
| Body:   | 10                |                   |   |  |
| Objections, flat, pinched; breastbone crooked.  | 10                | •••••             | • |  |
| Chest, broad, deep; girth large. Objections, flat, pinched; breastbone crooked. Sides, deep, lengthy, closely ribbed. Objections, flat, thin, not full at bottom as on top, drawn in              | 7                 |                   |   |  |
| at shoulders, tucked up as it approaches hams; fumpy of   |                   |                   |   |  |
| uneven surface.  Back, broad, straight, thickly and evenly fleshed  | 8                 |                   |   |  |
| Objections, narrow, creased back of shoulders, hollow or<br>humped, too long or tapering at the hams.   |                   |                   |   |  |
| Loin, wide, thick   | 5                 |                   |   |  |
| Objections, high, narrow, depressed, humped up. Belly, straight, wide, full.  | 3                 |                   |   |  |
| Belly, straight, wide, full<br>Öbjections, narrow, sagging, flabby.<br>Flank, even with under line, full  | 3                 |                   |   |  |
| Objections, thin, tucked up, drawn in.  |                   |                   |   |  |
| Hind quarters: Hips, wide apart, smooth   | 2                 |                   |   |  |
| Objections, narrow, peaked. Rump, long, wide, evenly fleshed, straight  | 2                 |                   |   |  |
| Objections, flat, narrow, peaked at root of tail, too steep,  | 8                 |                   |   |  |
| Hams, heavily fleshed, deep, wide   | 8                 |                   |   |  |
| coming down to hock; cut up too high in the twist; straight from root of tail to hock; buttocks light, thin, flabby.  |                   |                   |   |  |
| Legs, straight, short, strong; feet medium size   | 5                 |                   |   |  |
| Legs, straight, short, strong; feet medium size<br>Objections, legs long, thin, coarse, crooked; hoofs long, slim,<br>weak, unable to bear weight of animal without breaking                      |                   |                   |   |  |
| down.   |                   |                   |   |  |
| Total   | 100               |                   |   |  |

# State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points,   | Perfect<br>score. | Student's score. |
|--|-------------------|------------------|
| A. General appearance:   |                   |                  |
| 1. Estimated weight, —— pounds; actual, —— pounds. 2. Weight, according to age, 6-8 months, 200-250 pounds.  |                   |                  |
| 2. Weight, according to age, 6-8 months, 200-250 pounds  | 6                 |                  |
| Weight, according to age, to- miners, 200-20 points:     Rorm, deep, broad, low, symmetrical, compact, standing squarely on legs     Quality, bone clean; hair silky; skin fine.     Disposition, quiet.     Constitution, vigorous, robust, showing size and substance. | . 6               |                  |
| 4. Quanty, bone clean; nair snky; skin nne.  | . 6               |                  |
| 5. Disposition, quiet  | 4                 |                  |
| B. Head and neck:  | . 0               |                  |
| 7. Snout, of medium length and fineness  | 1 1               |                  |
| 8. Eyes, full, mild, bright, large   | 1 1               |                  |
| 9. Face, short; cheeks full  | 1 1               |                  |
| 10. Forehead, broad, high, full  | 1 1               |                  |
| 11. Ears, of medium size, fine, soft.  | 1                 |                  |
| 12. Jowl, strong, neat, broad.   | 1 1               |                  |
| 13. Neck, of medium length, thick  |                   |                  |
|  | . 1               |                  |
| C. Fore quarters:  | 1                 |                  |
| 15. Shoulder vein, tuli  |                   |                  |
| 14. Shoulder vein, full 15. Shoulder, broad, deep, full; top compact 16. Breast, full, wide 17. Legs, straight, short, strong; feet of medium size   |                   |                  |
| 10. Dreast, Iuli, Wide   | 2                 |                  |
| D. Body:   |                   |                  |
|  | 10                |                  |
| 18. Chest, deep, broad; girth large  | 10                |                  |
| 19. Sides, deep, lengthy, closely ribbed. 20. Back, broad, straight, thickly and evenly fleshed  | 9                 |                  |
| 20. Dack, broad, straight, thickly and evenly neshed   | 9                 |                  |
| 21. Loin, wide, thick<br>22. Belly, straight.  | 9                 |                  |
| 22. Belly straight   | 1                 |                  |
| 23. Flank, even with underline<br>24. Navel, large, defined.   | 1                 |                  |
|  |                   |                  |
| 25. Hips, wide apart, smooth 26. Rump, long, wide, straight, evenly fleshed 27. Hams, decp, wide, heavily fleshed 28. Thighs, fleshed close to hocks.  | 3                 |                  |
| 25. Hips, wide apart, smooth   |                   |                  |
| 25. Kump, long, wide, straight, evenry nesned  |                   |                  |
| 27. Hams, deep, wide, neavily nesned   | . 8               |                  |
| 20. This is, nesned close to nocks.  | . 4               |                  |
| 29. Twist, deep, plump<br>30. Tail, tapering   | 1                 |                  |
| SU. Tan, tapering  | 1                 |                  |
| 31. Legs, straight, short, strong; feet of medium size   | 4                 |                  |
| Total  | 100               |                  |
| 10ta1  | 100               |                  |

## State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.  | Perfect<br>score. | Student's score. |
|---|-------------------|------------------|
| A. Primary considerations:  1. Weight, — pounds 2. Size and substance, for age  | 3                 |                  |
| 3. Action, vigorous, easy 4. Appearance, cylindrical, smooth, compact 5. Quality, skin, smooth, pilable; flesh firm; hair soft, fine, silky   | 4 4               |                  |
| B. Nervous energy: 6. Temperament, active, controlled   | 6                 |                  |
| 8. Forehead, broad, high; face short. 9. Ears, broad, medium, thin, active. 10. Syinal column, long, well covered.  | 2                 |                  |
| C. Structural anatomy: 11. Contour, clean-cut, smooth, correlated, symmetrical, free from patchiness and offal. 12. Head, size medium; snout medium; face short.  | 1                 |                  |
| 13. Neck, thick, short<br>14. Withers, broad on top, well fleshed; shoulder well covered, slanting<br>15. Shoulder, heavy, broad, deep, full<br>16. Back, broad, strong, well muscled.  | 1                 |                  |
| 16. Back, broad, strong, well müseled. 17. Lolin, broad, strong. 18. Pelvie arch, suppressed, well covered. 19. Flank, lean; twist full; thigh full, recurved.  | 3                 |                  |
| 20. Bones, medium; feet strong  | 2                 | ••••••           |
| 21. Nostrils, medium-sized, clear, bright<br>22. Breast, full, low<br>23. Chest, wide, deep, long; girth large  | 2 7               |                  |
| 24. Middle piece, long, broad on top, deep. 25. Ribs, flat, well arched, deeply covered. 26. False ribs, well developed E. Essential qualifies:   | 3                 |                  |
| 27. Top line, straight or slightly arched; bottomline straight, close to ground. 28. Size and weight, indicating tendency to mature early. 29. Middle piece, well developed, giving strong back and deep long side 30. Long from hook points to pin bones, and to hock; hams uniform, mass- | 4                 |                  |
| 30. Long from hook points to pin bones, and to hock; hams uniform, massive, meaty 31. Constitution, vigorous; bones sufficient for weight   | 4                 |                  |
| Total   | 100               |                  |

#### Agricultural and Mechanical College of Texas.

| Scale of points.  | Possible score. | Student's score. | Corrected. |
|---|-----------------|------------------|------------|
| A. General appearance: Estimated weight, — pounds.  |                 |                  |            |
| Weight, according to age.  Form, deep, broad, low, symmetrical, compact, standing                                     | 6               |                  |            |
| Form, deep, broad, low, symmetrical, compact, standing squarely on legs.  Quality, bone, clean; hair silky; skin fine | 8               |                  |            |
| Quality, bone, clean; hair silky; skin fine<br>Disposition, quiet   | 8<br>5          |                  |            |
| B. Head and neck:<br>Snout, of medium length and fineness.  |                 |                  |            |
| Eyes, full, mild, bright, large   | 1               |                  |            |
| Face, short; cheeks full.<br>Ears, fine, soft; size medium  | 1               |                  |            |
| Jowl, strong, neat, broad.<br>Neck, thick; length medium.   | 1               |                  |            |
| C. Fore quarters:<br>Shoulder vein, full  |                 |                  |            |
| Shoulder, broad, deep, full; top compact<br>Breast, full, wide  | 8 2             |                  |            |
| Legs, straight, short, strong; feet of medium sizc  | 4               |                  |            |
| D. Body:<br>Chest, deep, broad; girth large   | 10              |                  |            |
| Sides, deep, lengthy, closely ribbed Back, broad, straight, thickly and evenly fleshed                                | 4               |                  |            |
| Loin, wide, thick<br>Belly, straight  | 3 2             |                  |            |
| Flank, even with under line   | 2               |                  |            |
| Hips, wide apart, smooth  | 3 3             |                  |            |
| Rump, long, wide, straight, evenly fleshed<br>Hams, deep, wide, heavily fleshed<br>Thighs, fleshed close to hocks.    | 8               |                  |            |
| Tail, tapering  | 1               |                  |            |
| Legs, straight, short, strong; feet of medium size  | 4               |                  | ••••••     |
| Total   | 100             |                  |            |

## Agricultural College of Utah.

|  |  | Score.     |            |
|--|--|------------|------------|
| Scale of points.   | Stand-<br>ard.   | Student's. | Corrected. |
| General appearance:  Age, estimated, —; actual, — Weight, estimated, — pounds; actual, — pounds; score according to age.  Form, deep, broad, low, long, symmetrical, compact, standing squarely on legs. Quality, bone clean; hair silky; skin fine Disposition, quiet.  Head and neck:  Snout, length medium; not coarse. Eyes, roll, mild, bright, large. Face, short; cheeks full Ears, soft, fine; size medium. Neck, thick: length medium.  Fore quarters: Shoulder vein, full Shoulder, broad, deep, full, compact on top Breast, advanced, wide Legs, straight, short, strong; feet medium size Body; Chest, deep, broad; girth large. Sides, deep, lengthy, closely ribbed Back, broad, straight, thickly and evenly fleshed Loin, wide, thick Belly, straight. Hins, even with under line Hins, wide apart, smooth Hins, which spart, smooth Hams, heavily fleshed, deep, wide. Thighs, fleshed close to hocks. Legs, straight, straight, trong; feet medium size | 6<br>8<br>8<br>5<br>1<br>1<br>1<br>1<br>1<br>1<br>2<br>8<br>2<br>5 |            |            |
| Total  | 100  |            |            |

## College of Agriculture of the University of Wisconsin.

|   | D                  | Points d         | eficient.  |
|---|--------------------|------------------|------------|
| Scale of points.  | Possible<br>score. | Student's score. | Corrected. |
| General appearance—25 points:   |                    |                  |            |
| Weight, estimated, — pounds; actual, — pounds; according  |                    |                  |            |
| to age  | 6                  |                  |            |
| Form, deep, broad, low, long, symmetrical, compact, standing  |                    |                  |            |
| squarely on legs.<br>Quality, bone clean; hair silky; skin fine.  | 8                  |                  |            |
| Disposition, quiet  | 5                  |                  |            |
| Head and neck—10 points:  | i                  |                  |            |
| Snout, not coarse; length medium.<br>Eyes, large, mild, full, bright, wide apart.   | 1                  |                  |            |
| Eyes, large, mild, full, bright, wide apart   | 1                  |                  |            |
| Forehead, broad<br>Face, short; cheeks full   | 1                  |                  |            |
| Face, short; cheeks full.   | 1                  |                  |            |
| Ears, nne, soit; size medium  | 1                  |                  |            |
| Jowl, strong, neat, broad.<br>Neck, thick; length medium.   | 2                  |                  |            |
| Fore quarters—13 points:  | 3                  |                  |            |
| Shoulder broad deep full compact on top   | 6                  |                  |            |
| Shoulder, broad, deep, full, compact on top<br>Breast, wide, prominent.<br>Legs, straight, short, strong; feet medium size. | 2                  |                  |            |
| Legs, straight, short, strong: feet medium size   | 5                  |                  |            |
| Body—32 points:   |                    |                  |            |
| Chest, deep, broad; girth large. Sides, deep, lengthy, closely ribbed.  | 7                  |                  |            |
| Sides, deep, lengthy, closely ribbed  | 8                  |                  |            |
| Back, broad, straight, thickly and evenly fleshed   | 7                  |                  |            |
| Loin, thick, wide.<br>Belly, straight<br>Flank, even with under line  | 3                  |                  |            |
| Belly, straight.  | 8                  |                  |            |
| Hind quarters—20 points:  | 2                  |                  |            |
| Hine wide enert smooth  | 9                  |                  |            |
| Hips, wide apart, smooth. Rump, long, wide, evenly fleshed, straight  | 4                  |                  |            |
| Hams, heavily fleshed, deep, wide   | 8                  |                  |            |
| Legs, straight, short, strong; feet medium size   | 5                  |                  |            |
| Total   |                    |                  |            |
|   | 100                |                  |            |

#### LARD HOGS.

## College of Agriculture of the University of Illinois.

| Scale of points.  | Perfect<br>score. | Student's score. | Corrected. |
|---|-------------------|------------------|------------|
| General appearance—30 points: 1. Weight, score according to age   | 6                 |                  |            |
| 2. Form, deep, broad, low, long, symmetrical, compact; standing squarely on legs  | 8                 |                  |            |
| 3. Quality, hair silky; skin fine; bone fine; mellow covering of flesh, free from lumps and wrinkles.   | 8                 |                  |            |
| 4. Condition, deep, even covering of flesh, especially in region of valuable cuts.  | 8                 |                  |            |
| Head and neck—8 points: 5. Snout, length medium; not coarse. 6. Eyes, full, mild, bright.   | 1                 |                  |            |
| 7. Face, short; cheeks full<br>8. Ears, fine; size medium; attached neatly  | 1                 |                  |            |
| 9. Jowl, strong, neat, broad, firm<br>10. Neck, thick, smooth to shoulder; length medium  | 2 2               |                  |            |
| Fore quarters—12 points: 11. Shoulder, broad, deep, full: compact on top  | 8                 |                  |            |
| <ul> <li>Breast, advanced, wide</li> <li>Legs, straight, short, strong; bones clean; pasterns upright; feet medium size</li> </ul>                                      | 2                 |                  |            |
| Body—32 points:<br>14. Chest, deep, broad; girth large.   | 2                 |                  |            |
| 15. Sides, deep, lengthy, full; ribs close, well sprung   |                   |                  |            |
| 17. Loin, wide, thick, straight 18. Belly, straight, even   | $\frac{10}{2}$    |                  |            |
| Hind quarters—18 points: 19. Hips, wide apart, smooth   |                   |                  |            |
| 20. Rump, long, wide, evenly fleshed, straight<br>21. Ham, heavily fleshed, plump, full, deep, wide<br>22. Legs, straight, short, strong; bone clean; pasterns upright; |                   |                  |            |
| feet medium size  | 2                 |                  |            |
| Total   | 100               |                  |            |

## School of Agriculture of Purdue University.

|   |                | -0 -             |            |
|---|----------------|------------------|------------|
| Scale of points.  | Stand-<br>ard. | Student's score. | Corrected. |
| General appearance—30 points:   |                |                  |            |
| 1. Weight, score according to age   | 4              |                  |            |
| 2. Form, deep, broad, low, long, symmetrical, compact; stand-   |                |                  |            |
| ing squarely on legs  | 8              |                  |            |
| mellow, free from lumps and wrinkles  | 8              |                  |            |
| 4. Condition, deep even covering of flesh, especially in region   |                |                  |            |
| of valuable cuts 5. Temperament, mild, quiet  | 8 2            |                  |            |
| 5. Temperament, mild, quiet   | 2              |                  |            |
| 6. Snout, length medium; not coarse   | 1              |                  |            |
| 7. Eyes, full, mild, bright   | 1              |                  |            |
| 8. Face, short; cheeks full.  | 1              |                  |            |
| 9. Ears, fine; size medium; attached neatly   | 1              |                  |            |
| 10. Jowl, strong, neat, broad, firm 11. Neck, thick, smooth to shoulder; length medium                                  | 2              |                  |            |
| Fore quarters—12 points:  | _              |                  |            |
| <ol><li>Shoulder, broad, deep, full, compact on top.</li></ol>  | 8              |                  |            |
| <ul><li>13. Breast, advanced, wide.</li><li>14. Legs, straight, short, strong; bones clean; pasterns upright;</li></ul> | 2              |                  |            |
| 14. Legs, straight, short, strong; bones clean; pasterns upright; feet medium size                                      | 2              |                  |            |
| Body—32 points:   | 2              |                  |            |
| 15. Chest, deep, broad: girth large   | 4              |                  |            |
| 16. Sides, deep, lengthy, full: ribs close, well sprung   | 8              |                  |            |
| 17. Back, broad, straight, thickly and evenly fleshed   | 9              |                  |            |
| 18. Loin, wide, thick, straight.<br>19. Belly, straight, even   |                |                  |            |
| Hind quarters—18 points:  | -              |                  |            |
| 20. Hips, wide apart, smooth  | 3              |                  |            |
| <ol><li>Rump, long, level, wide, evenly fleshed, straight</li></ol>   | 3              |                  |            |
| 22. Ham, heavily fleshed, plump, full, deep, wide   | 10             |                  |            |
| 23. Legs, straight, short, strong; bone clean; pasterns upright; feet medium size                                       | . 2            |                  |            |
| recomedium size   |                |                  |            |
| Total   | 100            |                  |            |
|   |                | 1.0              |            |

#### Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points.  | Perfect<br>score. |
|---|-------------------|
| General appearance:   |                   |
| 1 Waight score according to age   |                   |
| 2. Form, deep, broad, low, long, symmetrical, compact; standing squarely on legs<br>3. Quality, hair silky; skin fine; bone fine; covering of flesh mellow, free from lumps | 10                |
| and wrinkles  | 1                 |
| 4. Condition, deep, even covering of flesh, especially in regions of valuable cuts  | .1                |
| Head and neck:  |                   |
| 5. Snout, medium length; not coarse.  |                   |
| 6. Eyes, full, mild, bright 7. Face, short; cheeks full. 8. Ears, fine; medium size; soft 9. Jowl, strong, neat, broad 10. Neck, thick; length medium                       |                   |
| 7. Face, Short, Cheeks luit.<br>2. Fare, fine, madium cize, soft  |                   |
| 9. Lowl strong neat, broad  |                   |
| 10. Neck, thick; length medium  |                   |
|   |                   |
| 11. Shoulder, broad, deep, full, compact on top. 12. Breast, advanced, wide. 13. Legs, straight, short, strong; bone clean; pasterns upright; feet medium size              |                   |
| 12. Dreast, auvanced, wide.   |                   |
| 30dv:   |                   |
| 14. Chest, deep, broad; girth large   |                   |
| 15. Sides, deep, lengthy, full; ribs close, well sprung<br>16. Back, broad, straight, thickly and evenly fleshed  |                   |
| 16. Back, broad, straight, thickly and evenly fleshed   | ]                 |
| 17. Loin, wide, thick, straight 18. Belly, straight, even   | 1                 |
| find quarters:  |                   |
| 19. Hips, wide apart, smooth.<br>20. Rump, long, wide, evenly fleshed, straight .<br>21. Ham, heavily fleshed, plump, full, deep, wide.                                     |                   |
| 20. Rump, long, wide, evenly fleshed, straight  |                   |
| 21. Ham, heavily fleshed, plump, full, deep, wide   |                   |
| 22. Thighs, fleshed close to hocks 23. Legs, straight, short, strong; bone clean; pasterns upright; feet medium size  |                   |
|   |                   |
| Total   | 10                |

#### Agricultural and Mechanical College of Kentucky.

Same as Iowa card (see above), with the following exception: Under quality, read "flesh smooth, mellow, free from lumps and wrinkles," etc.

#### College of Agriculture of the University of Minnesota.

Same as the Iowa card (see above) for lard hogs, with two exceptions: Under quality, read "skin mellow," etc.; under sides, read "medium length," etc.

#### The College of Agriculture and Domestic Science, Ohio State University.

|  |                   | Score.           |   |
|--|-------------------|------------------|---|
| Scale of points.   | Perfect<br>score. | Student's score. | Corrected.                              |
| A. General appearance—28 points:   | 1                 |                  |   |
| Weight, estimated, —; actual, — pounds; according to age<br>Form, deep, broad, low, symmetrical, compact; standing |                   |                  |   |
| controls on loca   | 7                 |                  |   |
| Quality, bone clean; hair silky; skin fine   | 10                |                  |   |
| Disposition, quiet<br>Action and style, vigorous, easy   | 4                 |                  |   |
| B. Head and neck—8 points:   | 1 1               |                  |   |
| Snout, medium, too short, not coarse; length, inches   | 1                 |                  |   |
| Eyes, full, mild, bright, large  | 1                 |                  |   |
| Face, short; cheeks full, without wrinkles   | 1                 |                  |   |
| Ears, fine; size medium; soft, neatly attached   |                   |                  |   |
| Neck, thick, short, broad on top.  |                   |                  |   |
| C. Fore quarters—14 points:  |                   |                  |   |
| Shoulder vein, full  |                   |                  |   |
| Shoulder, broad, deep, full, compact on top  | 5                 |                  |   |
| Breast, advanced, wide, roomy<br>Legs, straight, short, strong, wide apart, well set.                              | 3                 |                  |   |
| Legs, straight, short, strong, wide apart, well set  | 2                 |                  |   |
| Pasterns, strong, straight, upright  D. Body—29 points:  | 8                 |                  | • |
| Chest, deep, broad; girth large, — inches  | 8                 |                  |   |
| Sides, full and smooth from hams to shoulder, close ribbed   | 8                 |                  |   |
| Back, broad, straight, thickly and evenly fleshed  | 6                 |                  |   |
| Loin, wide, thick  | 3                 |                  |   |
| Belly, straight, wide  |                   |                  |   |
| Flank, even with under line; girth of body, — inches<br>E. Hind quarters—21 points:                                | 2                 |                  |   |
| Hips, smooth.  | 2                 |                  |   |
| Rump, long, wide, level, well filled out   |                   |                  |   |
| Hams, heavily fleshed, deep, wide, thick   | 10                |                  |   |
| Legs, straight, short, strong, wide apart, well set  | 2                 |                  |   |
| Pasterns, strong, straight, upright  |                   |                  |   |
| Tail, tapering   | 1                 |                  |   |
| Total  | 100               |                  |   |
| 10ta1  | 100               |                  |   |

#### South Dakota Agricultural College.

Same as the Iowa card (see p. 93) for lard hogs.

#### BACON HOGS.

#### College of Agriculture of the University of Illinois.

Same as the Iowa card (see p. 95) for bacon hogs.

#### School of Agriculture of Purdue University.

Same as the Iowa card (see p. 95) for bacon hogs.

# Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points.   | Perfect<br>score. |
|--|-------------------|
| General appearance:  |                   |
| 1. Weight, 170 to 200 pounds, the result of thick cover of firm flesh.   | 6                 |
| <ol> <li>Form, long, level, smooth, deep.</li> <li>Quality, hair fine; skin thin; bone fine; firm, covering of flesh without any soft</li> </ol> | 10                |
| 3. Quality, hair fine; skin thin; bone fine; firm, covering of flesh without any soft  |                   |
| bunches of fat or wrinkles   | 10                |
| 4. Condition, deep, uniform covering of flesh, especially in region of valuable cuts   | 10                |
| Head and neck:   |                   |
| 5. Snout, fine   | 1                 |
| 6. Eyes, full, mild, bright  | 1                 |
| 7. Face, slim.<br>8. Ears, trim; size medium.  | 1                 |
| 8. Ears, trim; size medium   | 1                 |
| 9. Jowl, light, trim.<br>10. Neck, light; length medium  | 1                 |
|  | 1                 |
| Fore quarters: 11. Shoulders, free from roughness, smooth, compact, same width as back and hind  |                   |
| quarters   | 6                 |
| 12. Breast, moderately wide, full  | 2                 |
| 13. Legs, straight, short, strong; bone clean; pasterns upright; feet medium size  | . 2               |
| Body:  |                   |
| 14. Chest, deep; girth full  | 4                 |
| 15. Back, smooth; width medium, uniform  | 8                 |
| 16. Sides, long, smooth, level from beginning of shoulders to end of hind quarters: the  |                   |
| side at all points should touch a straightedge running from fore to hind quarter   | 10                |
| 17. Ribs, deep, uniformly sprung   | 2                 |
| 18. Belly, trim, firm, thick without any flabbiness or shrinkage at flank  | 10                |
| Hind quarters:   |                   |
| 19. Hips, smooth, wide, proportionate to rest of body  | 2                 |
| 20. Rump, long, even, straight, rounded toward tail  | 2<br>2<br>8<br>2  |
| 21. Gammon, firm, rounded, tapering, fleshed deep and low toward hocks   | 8                 |
| oz. negs, suangut, snort, snort, strong, rect meatum size; bone clean; pasterns upright  | 2                 |
| Total  | 100               |
| *****  | 100               |
|  |                   |

#### Michigan State Agricultural College.

| Scale of points.  | Perfect.         | Student's estimate. | Corrected. |
|---|------------------|---------------------|------------|
| Head and neck: Snout, moderately fine. Eyes, size good: full, bright. Jowl, light, neat Neck, rather light, with no tendency to arch on top; length   | 1<br>1<br>3<br>3 |                     |            |
| medium. Fore quarters: Shoulders, light, smooth, rounded from side to side over top, very compact, no wider than back.  | 9 4              |                     |            |
| Breast, full; width good. Fore legs, set well apart, straight; length medium; pasterns upright: bone flat, clean, moderately fine.  Body:   | 4                |                     |            |
| Back, rising slightly above the straight line, and forming a very slight arch from neck to tail; width medium  Loin, strong, full, but not unduly arched, wide as rest of back. Ribs moderately arched; length good   | 9<br>5<br>3      |                     |            |
| ham; a straightedge laid over shoulder point and ham<br>should touch the side throughout.<br>Heart girth, full, but not flabby at foreflanks, filled out even<br>with side of shoulder; there should be no tucked up appear-  | 12               |                     |            |
| ance back of forclegs, nor droop back of shoulder top   | 5<br>1<br>5      |                     |            |
| Rump, same width as back, long, slightly rounded from a point above hips to tail, and rounded from side to side over top Ham, full without flabbiness; thigh tapering toward hock without wrinkles or folds, carrying flesh well down toward  | 5                |                     |            |
| hock.  Hind legs, length medium; hocks set well apart but not bowed outward; bone flat, clean, moderately fine; pasterns strong   | 6                |                     |            |
| Quality:a  Ear, rather thin (1); hair fine, abundant (2); skin smooth, showing no tendency to wrinkle (2); bone flat, clean in legs, moderately fine in snout and head, showing no prominence on side and top of shoulder (5); flesh. firm, smooth, with no flabbiness at jowl, foreflank, belly or ham (5)  Style:                         | 15               |                     |            |
| Active, sprightly in movement, walking without a swaying motion, standing well up on toes.  N. B.—For hogs intended for killing, the same scale of points may be used with the following modifications: Strike out score for eyes, ears, hair, and style, deduct two points from points allowed forelegs and also hindlegs, and add follow- | 5                |                     |            |
| ing score: Weight, 175 to 200 pounds, live weight; being under 160 pounds or over 220 pounds will disquality  | 13               |                     |            |
| I (ridi   |                  |                     |            |

a Numbers in parentheses indicate perfect score of points enumerated.—G. M. R.



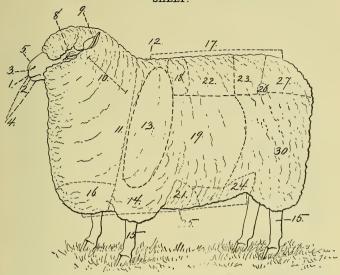


Fig. 8.—Points of the sheep, side view.

1. Muzzle. 2. Mouth. 3. Nostril. 4. Lips. 5. Nose. 8. Eye.

9. Ear.

10. Neck.
11. Neck vein, or shoul17. Top line.
der vein.
12. Top of shoulder.
13. Shoulder.
14. Arn.
15. Shanks.
21. Fore flank.
22. Back.
23. Loin.

24. Hind flank. 25. Underline. 26. Hip. 27. Rump. 30. Thigh, or leg of mutton.





Fig. 9.—Points of the sheep, front and rear views.

16. Brisket, or breast. 28. Pin bones. 21. Twist. 20. Girth, or heart girth. 29. Dock, or tail. 6. Face. 7. Forehead.

## New Hampshire College of Agriculture and the Mechanic Arts.

|   |               | lutto<br>he <b>e</b> p |            |             | Wool<br>heep |            |  |
|---|---------------|------------------------|------------|-------------|--------------|------------|--|
| Scale of points.  | Standard.     | Students,              | Corrected. | Standard.   | Students,    | Corrected. |  |
| A. General appearance:  |               |                        |            |             |              |            |  |
| Weight, estimated, — pounds; actual, — pounds; standard for mature ram, —; ewc, —<br>Form, for M., low, compact, symmetrical; for W., rather the reverse  | 6             |                        |            | 4 5         |              |            |  |
| Quality, should not be coarse in bone, fleece, or features; firm in hand-<br>ling, yet with soft, pliable skin of bright pink color   | 7             |                        |            | 6           |              |            |  |
| B. Head and neck: Muzzle, mouth and nostrils of good size: lips thin  | 1             |                        |            | 1           |              |            |  |
| Eyes, bright, prominent; whites clear.<br>Face, short, except in Oxfords, Hampshires, and Cotswolds.<br>Forchead, broad, full.<br>Ears, well apart, covered with fine soft hair; in size and form typical | 1             |                        |            | 2<br>1<br>2 |              |            |  |
| of breed  | 1             |                        |            | 1           |              |            |  |
| Neck, for M., short, thick, neatly tapering to head; for W., longer, drooping at yoke C. Fore onarters:   | 2             |                        |            | 1           |              |            |  |
| C. Fore quarters: Shoulders, for M., smoothly joined with neck and body, broad on top, compact; for W., less closely joined. Breast, broad, carried well forward, closely joined to legs.                 | 6             |                        |            |             |              |            |  |
| Breast, broad, carried well forward, closely joined to legs   | $\frac{4}{2}$ |                        |            | 3 2         |              |            |  |
| Back and loin, straight, broad  | 8             |                        |            | 5           |              |            |  |
| flat; for wool, slope downward from spine<br>Chest, showing no depression above, at sides, or below, making large<br>girth  | 6             |                        |            | 2           |              |            |  |
| Flank, low, full  | 3             |                        |            | 2           |              |            |  |
| Hips, broad, flat above<br>Rump, long, level, wide<br>Thighs, full, less so for W.  | 4             |                        |            | 2           |              |            |  |
| Twist, deep, plump  | 4             |                        |            | 2           |              |            |  |
| F. Wool: Quality, fine for breed, soft, even. Density, great, even.   |               |                        |            | 12<br>10    |              |            |  |
| Length, great, even.<br>Yolk, slight amount   | 3             |                        |            | 10          |              |            |  |
| Total   | 100           |                        |            | 100         |              |            |  |

## North Carolina College of Agriculture and Mechanic Arts.

Same as the card (see above) of the New Hampshire College for sheep

## School of Agriculture of Purdue University.

| Scale of points.  | Mu             | Mutton sheep.   |                 |                | Fine-wool sheep. |                 |  |  |
|---|----------------|-----------------|-----------------|----------------|------------------|-----------------|--|--|
|   | Stand-<br>ard. | Score.          |                 | 04             | Score.           |                 |  |  |
|   |                | Stu-<br>dent's. | Cor-<br>rected. | Stand-<br>ard. | Stu-<br>dent's.  | Cor-<br>rected. |  |  |
| A. Age, —; teeth —  |                |                 |                 |                |                  |                 |  |  |
| 3. General appearance: Weight, estimated, — pounds; actual, —     |                |                 |                 |                |                  |                 |  |  |
| pounds, according to age  | 6              |                 |                 | 4              |                  |                 |  |  |
| Form, low, compact, symmetrical                                   | 6              |                 |                 | 5              |                  |                 |  |  |
| Quality, bone and wool fine                                       | 7              |                 |                 | 9              |                  |                 |  |  |
| Constitution, as seen in girth, skin, and fleece                  | 10             |                 |                 | 10             |                  |                 |  |  |
| . Head and neck:  |                |                 |                 |                |                  |                 |  |  |
| Muzzle, fine; mouth and nostrils of good size;                    |                |                 |                 |                |                  |                 |  |  |
| lips thin. Eyes, bright, full; whites clear                       | 1              |                 |                 | 1              |                  |                 |  |  |
| Face, short   | 1              |                 |                 | 1 1            |                  |                 |  |  |
| Forehead, broad   | 1              |                 |                 | 1              |                  |                 |  |  |
| Ears, fine, erect   | 1              |                 |                 | 1              |                  |                 |  |  |
| Neck, thick, short.   | î              |                 |                 | î              |                  |                 |  |  |
| O. Fore quarters:   |                |                 |                 |                |                  |                 |  |  |
| Shoulders, smooth, well covered                                   | 6              |                 |                 | 4              |                  |                 |  |  |
| Chest, wide, deep   | 6              |                 |                 |                |                  |                 |  |  |
| Brisket, thick, carried well forward                              | 4              |                 |                 | 3              |                  |                 |  |  |
| Legs, straight, short, strong, well set; arm full;                |                |                 |                 |                |                  |                 |  |  |
| shank smooth  | 3              |                 |                 | 3              |                  |                 |  |  |
| E. Body:<br>Back and loin, straight, wide                         | 8              |                 |                 | 6              |                  |                 |  |  |
| Pibe well enging door   | 4              |                 |                 | 3              |                  |                 |  |  |
| Ribs, well sprung, deep<br>Flanks, low, making straight underline | 3              |                 |                 | 2              |                  |                 |  |  |
| F. Hind quarters:   | 9              |                 |                 | -              |                  |                 |  |  |
| Hips, well apart, smooth  | 4              |                 |                 | 2              |                  |                 |  |  |
| Rump, long, level, wide   | ŝ.             |                 |                 | 3              |                  |                 |  |  |
| Thighs, full  | 5              |                 |                 | 3              |                  |                 |  |  |
| Twist, plump, dcep  | 4              | 1               |                 | 3              |                  |                 |  |  |
| Legs, straight, short, strong; shank smooth                       | 3              |                 |                 | 3              |                  |                 |  |  |
| F. Wool:  |                |                 |                 |                |                  |                 |  |  |
| Quality, fine, soft, clean, even                                  |                | ,               |                 | 11             |                  |                 |  |  |
| Density, great  | 3              |                 |                 | 6 5            |                  |                 |  |  |
| Length, good  | 3              |                 |                 |                |                  |                 |  |  |
| Yolk  | 1              |                 |                 | 4              |                  |                 |  |  |
| Total.  | 100            |                 |                 | 100            |                  |                 |  |  |
| 10001   | 100            |                 |                 | 100            |                  |                 |  |  |

# State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.   | Perfect<br>score. | Student's score. |
|--|-------------------|------------------|
| A. General appearance: 1. Weight, estimated, — pounds; actual, — pounds.   |                   |                  |
| <ol><li>Weight, according to age; 6 months, 60-90 pounds; yearlings, 100-140</li></ol>   |                   |                  |
| pounds   | 8                 |                  |
| 3. Form, deep, broad, low set; carriage good. 4. Quality, hair silky; skin pink; bone dense; style active, sprightly. 5. Constitution, heart girth large; brisket well forward, showing size and |                   |                  |
| substance<br>6. Temperament, contented, docile   | . 8               |                  |
| 6. Temperament, contented, docile  | . 3               |                  |
| 7. Muzzle, fine; mouth and nostrils large, no flabbiness about mouth   | . 1               |                  |
| 8. Eyes large clear placid   | . 1               |                  |
| 9. Face, short; features clean cut<br>10. Forehead, broad, full  | 1                 |                  |
| 11. Ears, fine, erect  |                   |                  |
| 12. Neck, medium, short, well fleshed; throat clean  |                   |                  |
| C. Fore quarters:  |                   |                  |
| 13. Shoulder vein, full.<br>14. Shoulder, wide across top, compact, well fleshed, smooth.  | 1 3               |                  |
| 15. Brisket, well forward; breast wide   | 2                 |                  |
| 16. Legs, straight, short, wide apart; forearm full.   |                   |                  |
| D. Rodes   |                   |                  |
| 17. Chest, wide, deep 18. Ribs, long, well arched, well covered  | 3 3               |                  |
| 18. Ribs, long, well arched, well covered  19. Back, broad, straight, well fleshed; ribs arched  | 7                 |                  |
| 20. Loin, broad, straight, well lessled, this arched   | 9                 |                  |
| 21. Flank, low, even with underline  | 2                 |                  |
| E. Hind quarters:  |                   |                  |
| 22. Hips, wide, smooth   | . 3               |                  |
| 23. Rump, long, level, wide.<br>24. Pin bones, smooth, wide  | . 3               |                  |
| 25. Thighs, full, long, wide.  | 5                 |                  |
| 26. Twist, low, well filled  |                   |                  |
| 27. Legs, straight, short  | 2                 |                  |
| F. Wool:   |                   |                  |
| 28. Flee e, dense, covering all parts of body evenly; yolk plentiful, free from kemp.  | 6                 |                  |
| 29. Fiber, bright, lustrous, strong, even; spirals regular   |                   |                  |
|  |                   |                  |
| Total  | 100               |                  |

## State Agricultural and Mechanical College of the University of Tennessee.

| Scale of points.   | Perfect<br>score. | Student's<br>score. |
|--|-------------------|---------------------|
| A. Primary considerations:   |                   |                     |
| 1. Weight, — pounds  |                   |                     |
| 2. Size and substance, for age   | . 3               |                     |
| 3. Style, attractive, sprightly; breeding apparent.<br>4. Appearance, square, blocky<br>5. Quality, skin pink; flesh firm; hair soft, fine, silky.                     | 4                 |                     |
| 4. Appearance, square, blocky  | 4 5               |                     |
| B. Nervous energy:   |                   |                     |
| 6 Terrorament active controlled  | 7                 |                     |
| 6. Terperament, active, controlled. 7. Eyes, large, clear, bright, mild, placid, free from white.  | . 6               |                     |
| 8. Forehead, broad, high   | . 3               |                     |
| 8. Forehead, broad, high 9. Ears, small, thin, active  | . 2               |                     |
| 10. Spinal column, medium, well covered.   | . 6               |                     |
| 11. Navel, large, defined  | . 2               |                     |
| C. Structural anatomy:   |                   |                     |
| 12. Contour, clean cut, smooth, correlated, symmetrical, free from patchiness and offal  |                   |                     |
| 13. Head, medium in size; muzzle refined; mouth large; face lean   |                   |                     |
| 14. Nack fue langth medium: throat alon  | 1 1               |                     |
| 14. Neck, fine; length medium; throat clean.  15. Withers, broad on top, well covered, compact; shoulder well covered,   |                   |                     |
| elanting   | 1                 |                     |
| 16. Back, straight, strong, well muscled.<br>17. Loin, broad, strong<br>18. Pelvic arch, suppressed, smooth; pin bones wide.<br>19. Flank, low: twist full; thigh full | 2                 |                     |
| 17. Loin, broad, strong  | 3                 |                     |
| 18. Pelvic arch, suppressed, smooth; pin bones wide.   | . 2               |                     |
| 19. Flank, low: twist full; thigh full   | . 1               |                     |
| 20. Bones, fine, joints smooth   | . 2               |                     |
| D. Digest and assimilation:  | 1                 |                     |
| 21. Nostrils, medium-sized, clear, bright  | . 1               |                     |
| 22. Breast and brisket, prominent, low.  | . 1               |                     |
| 23. Chest, wide, deep, long; girth large   | . 8               |                     |
| 24. Barrel, medium long, broad on top, deep, capacious 25. Ribs, flat, close together, well arched   | . 9               |                     |
| 26. False ribs, well developed   |                   |                     |
| E. Mutton and wool:  |                   |                     |
| 27 Form deep broad long low set evenly covered with firm flesh   | 6                 |                     |
| 27. Form, deep, broad, long, low set, evenly covered with firm flesh   | 4                 |                     |
| 29. Hind quarters, meaty, well developed   | . 4               |                     |
| 30. Fleece, covering body evenly, dense; wool strong, even, bright   | 3                 |                     |
| 31. Yolk, abundant; fleece free from kemp  | . 1               |                     |
|  |                   |                     |
| Total  | 100               |                     |

# Agricultural College of Utah.

| Seale of points.   |  | Score.     |            |                                 |            |            |  |
|--|--|------------|------------|---------------------------------|------------|------------|--|
|  |  | Mutton.    |            | Fine wool.                      |            |            |  |
|  |  | Student's. | Corrected. | Standard.                       | Student's. | Corrected. |  |
| General appearance:  Age, as indicated by teeth —; corrected — Weight, estimated, —; actual, —; seore according to age. Weight, estimated, —; actual, —; seore according to age. The seore according to a seore according to age. The seore according to a seore according to age. The seore according to a seore according t | 67855<br>-121112<br>233322<br>444433<br>33444433 |            |            | 5574 12111 1 33322 2 222333 344 |            |            |  |
| Fleece, dense, even over the body. Yolk, abundant, evenly distributed Wool: Quantity, long, dense, even Quality, fine, soft, pure, even; fibre lustrous  | 6  |            |            | 7                               |            |            |  |
| Condition, bright, strong clean  Total   | 4  |            |            | 5                               |            |            |  |

#### MUTTON SHEEP.

#### College of Agriculture of the University of Illinois.

Same as the Indiana card (see below) for mutton sheep. The Illinois card uses the word "condition" in the description of the chest instead of "constitution," which is probably a typographical error.

### School of Agriculture of Purdue University.

| •  |                |                  |            |
|--|----------------|------------------|------------|
| Scale of points.   | Stand-<br>ard. | Student's score. | Corrected. |
| 1. Age, —.   |                |                  |            |
| General appearance—38 points:  |                |                  |            |
| 2. Weight, score according to age.   |                |                  |            |
| 3. Form, long, level, deep, broad, low set, stylish 4. Quality, bone clean; hair silky; skin fine; light in offal, | 10             |                  |            |
| vielding large percentage of meat  | 10             |                  |            |
| yielding large percentage of meat 5. Condition, deep, even covering of firm flesh, especially in                   |                |                  |            |
| region of valuable cuts; points indicating condition or  |                |                  |            |
| ripeness are thick dock, back thickly covered with flesh,<br>thick neck, full purse, full flank, plump breast      | 10             |                  |            |
| Head and neck—7 points:  | 10             |                  |            |
| 6. Muzzle, fine; mouth large; lips thin; nostrils large  | 1              |                  |            |
| 7. Eyes, large, clear, placid  | 1              |                  |            |
| 8. Face, short; features clean cut   |                |                  |            |
| 9. Forehead, broad, full   | 1              |                  |            |
| 10. Ears, fine, erect  | 2              |                  |            |
| Fore quarters—7 points:  |                |                  |            |
| 12. Shoulder, covered with flesh, compact on top, smooth   |                |                  |            |
| 13. Brisket, projecting forward; breast wide   | 1              |                  |            |
| shank smooth, fine   | 1              |                  |            |
| Body—20 points:  |                |                  |            |
| 15. Chest, wide, deep, full, indicating constitution   | 4              |                  |            |
| 16. Ribs, well sprung, deep  | 4              |                  |            |
| 18. Loin, thick, broad, long   | 6              |                  |            |
| Hind quarters_16 points:   |                |                  |            |
| 19. Hips, far apart, level, smooth   | 2              |                  |            |
| 20. Rump, long, level, wide to tailhead  | 4              |                  |            |
| 22. Twist, plump, deep.  | 5              |                  |            |
| 23. Legs, straight, short, strong; shank smooth, fine  | 1              |                  |            |
| Wool—12 points:  |                |                  |            |
| 24. Quantity, long, dense, even  | 4              |                  |            |
| 25. Quality, fine, pure; crimp close, regular, even  | 4              |                  |            |
| 20. Condition, stignt, count, crean, sort, fight.  |                |                  |            |
| Total  | 100            |                  |            |
|  |                |                  |            |

### Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points.  | Perfect<br>score. |
|---|-------------------|
| 1. Age ——   |                   |
| eneral appearance:  |                   |
| 2. Weight, score according to age   | 8                 |
| 3. Form, long, level, deep, broad, low set, stylish   | 10                |
| of meat.  5. Condition, deep, even covering of firm flesh, especially in region of valuable cuts;   | 10                |
| points indicating condition or ripeness are thick dock, back thickly covered with flesh, thick nock, full purse, full flank, plump breast | 10                |
| ead and neck:   | 10                |
| 6. Muzzle, fine; mouth large; lips thin; nostrils large   | 1                 |
| 7. Eves, large, clear, placid   | 1                 |
| 8. Face, short; features clean cut  |                   |
| 9. Forehead, broad, full.   | 1                 |
| 10. Ears, fine, erect. 11. Neck, thick, short; throat free from folds.  |                   |
| ore quarters:   | ,                 |
| 12. Shoulder vein, full   | 1                 |
| 13. Shoulder, covered with flesh, compact on top, smooth.   | í                 |
| 14. Brisket, projecting forward: breast wide.   | i                 |
| 14. Brisket, projecting forward; breast wide. 15. Legs, straight, short, wide apart, strong; forearm full; shank smooth, fine             | 1                 |
| ody:  |                   |
| ic. Chest, wide, deep, full, indicating condition   | 8                 |
| 17. Back, broad, straight, long, thickly fleshed; ribs arched   | 10                |
| 18. Loin, thick, broad, long  | 10                |
| ind quarters: 19. Hips, far apart, level, smooth  | 2                 |
| 20. Rump, long, level, wide to tailhead.  |                   |
| 21. Thighs, full, deep, wide  | 9                 |
| 92. Twist, plump, deep  | 00000             |
| 23. Legs, straight, short, strong; shank smooth, fine.  | j                 |
| ool;  |                   |
| 24. Kind, domestic, territory, carpet or blanket  |                   |
| 25. Class, clothing, delaine or combing.  |                   |
| 26. Grade, fine, medium or coarse.  |                   |
| 27. Quantity, long, densc, even.<br>28. Quality, fine, pure; erimp close, regular, even.  | 4                 |
| 28. Quanty, nne, pure; erimp close, regular, even   | 4                 |
| 23. Condition, Digit, Sound, Clean, Sort, fight.  |                   |
| Total   | 10                |

# Agricultural and Mechanical College of Kentucky.

Same as the Iowa card (see above), except that under chest the word "constitution" is used instead of "condition;" this is probably what is intended in the Iowa card.

# Massachusetts Agricultural College.

|   | D- 0.1-  | Points d         | leficient. |
|---|--|------------------|------------|
| Scale of points.  | Possible<br>score.                             | Student's score. | Corrected. |
| A. Age, —; teeth, — B. General appearance:  |  |                  |            |
| Weight, estimated, — pounds; actual, — pounds; according to age Form, low, long, symmetrical, compact, evenly covered with          |  | ,                |            |
| firm flesh<br>Quality, bone clean; hairsilky.<br>Temperament  | 6  |                  |            |
|   | 28   |                  |            |
| C. Head and neck: Muzzle, fine; mouth large; lips thin; nostrils large  | 1  |                  |            |
| Eyes, bright, full<br>Face, short; expression quiet<br>Forehead, broad  | ( 1  | ,                |            |
| Ears, fine, erect<br>Neck, thick, short   | 1  |                  |            |
| D. Fore quarters:   |  |                  |            |
| Shoulder vein, full   | 3 3  |                  |            |
| Chest, wide, deep. Brisket, projecting forward; breast wide. Legs, straight, short, wide apart, strong; forearm full; shank smooth. |  |                  |            |
|   | 13   |                  |            |
| E. Body: Back, straight, wide Loin, thick, broad. Ribs, arched, deep.   | 4<br>3<br>3                                    |                  |            |
| Flank, low, thick, making underline straight  | 12   |                  |            |
| F. Hind quarters: Hips, far apart, smooth   | 3  |                  |            |
| Rump, long, level, wide.<br>Thighs, full<br>Twist, plump, deep.   | $\begin{smallmatrix} 4\\3\\4\end{smallmatrix}$ |                  |            |
| Legs, straight, short, strong; shank smooth   | 3  |                  |            |
| G. Constitution: Girth, large   | 3  |                  |            |
| Skin, color pink<br>Fleece, dense, even over body; yoke abundant  | 3 4  |                  |            |
| H. Wool:  | 10   |                  |            |
| Quantity, long, dense, even<br>Quality, fine, soft, pure, even<br>Condition, bright, strong, clean                                  | 6<br>4<br>4                                    |                  |            |
| ,   | 14   |                  |            |
| Total   |  |                  |            |

#### Michigan State Agricultural College.

| Scale of points.   | Stand-<br>ard. | Student's*<br>estimate. | Corrected |
|--|----------------|-------------------------|-----------|
| . General appearance:  |                |                         |           |
| Weight, estimated, — pounds; actual, — pounds; standard          | 6              |                         |           |
| for mature ram, —; ewe, —  | 0              |                         |           |
| Quality, should not be coarse in bone, fleece, or features; firm | 0              |                         |           |
| in handling, yet with soft, pliable skin of bright pink color    | 7              |                         |           |
| Constitution, shown by fleece, skin, girth, and movement         | 10             |                         |           |
| Head and neck:   |                |                         |           |
| Muzzle, mouth and nostrils of good size; lips thin               | 1              |                         |           |
| Eyes, bright, prominent; whites clear                            | 2              |                         |           |
| Face, short, except in Oxfords, Hampshires, and Cotswolds        | 1              |                         |           |
| Forehead broad till  | 2              |                         |           |
| Ears, well apart; covered with fine, soft hair; in size and form |                |                         |           |
| typical of breed   |                |                         |           |
| Neck, short, thick, neatly tapering to head                      | 2              |                         |           |
| Fore quarters:   |                |                         |           |
| Shoulders, smoothly joined with neck and body, broad, com-       |                |                         |           |
| pact on top  |                |                         |           |
| Breast, broad, carried well forward, closely joined to legs      |                |                         |           |
| Legs, short, straight, strong, well apart; arm full              | 2              |                         |           |
| . Body:  |                |                         |           |
| Back and loin, straight, broad                                   | 8              |                         |           |
| Ribs, springing from spine in such a plane as to make back       |                |                         |           |
| broad and flat   | 4              |                         |           |
| Chest, showing no depression above, at sides, or below, making   |                |                         |           |
| large girth  |                |                         |           |
| Flank, low, full   | 3              |                         |           |
| Hind quarters:   |                |                         |           |
| Hips, broad, flat above  |                |                         |           |
| Rump, long, level, wide  |                |                         |           |
| Thighs, full   | 5              |                         |           |
| Twist, deep, plump   | 4              |                         |           |
| Legs, straight, short, strong, but not coarse                    | 2              |                         |           |
| Wool:  |                |                         |           |
| Quality, fine for breed, soft, even                              |                |                         |           |
| Density, great, even   | 3              |                         |           |
| Length, great, even  | 3              |                         |           |
| Yolk, slight amount  | 1              |                         |           |
|  |                |                         |           |
| Total  | 100            |                         |           |

# College of Agriculture of the University of Minnesota.

This is the same as the Iowa card (see p. 104) for mutton sheep, with the following exceptions: The shoulder is given 2 points, chest 6, and thighs 4, and under fore legs the description of shank reads "smooth, firm."

# College of Agriculture and the Mechanic Arts of the University of Missouri.

| General appearance: Age, as indicated by teeth —; corrected — Weight, estimated, — pounds; corrected, — pounds; according to age Form, square, blocky, low, symmetrical Quality, skin, thick, soft; color pink; bone clean, fine Face, short; expression placid Forehead, broad Ears, erect, fine, lively Neck, short, thick, heavier toward the shoulders.  Fore quarter: Shoulder vein, full Shoulder, compact, well covered with flesh, broad on top. Brisket, projecting, deep, broad; breast wide. Legs, straight, short, well placed outside; arm full, short; bone clean  Body: Chest, deep, thick through the hear Chest, deep, thick through the hear Rack, straight, broad, thickly covered with flesh Body: Chest, deep, thick making under line straight  Flank, full, low, thick, making under line straight  Hind quarter: Hips, wide apart, smooth Rump, long, level, wide Thighs, full, well fleshed Twist, deep, full. Legs, straight, short, strong; bone fine, clean  Grith, large; estimated, —; corrected, — 3 as a skin, color bright pink Yolk, abundant, evenly distributed  Guantity, dense, long, even.  Quantity, fine, strong, lustrous fiber, without break Condition, bright, strong, clean |  |                  | <br>       |
|--|--|------------------|------------|
| Age, as indicated by teeth   corrected   Weight, estimated,   pounds; corrected,   pounds; according to age   6  | Scale of points.   | Perfect.         | Corrected. |
| Form. square, blocky, low, symmetrical   8   Quality, skin, thick, soft: color pink; bone clean, fine   8   5   5   5   5   5   5   5   5   5  | Age, as indicated by teeth ——; corrected ——  |                  | <br>       |
| Head and neck:   Muzzle, fine; mouth large; lips thin; nostrils wide, open.   1  | Form, square, blocky, low, symmetrical   | 8 8              | <br>       |
| Muzzle, fine; mouth large; lips thin; nostrils wide, open   1   Face, short; expression placid   1   1   1   1   1   1   1   1   1   |  |                  |            |
| Forehead, broad   Ears, erect, fine, lively   1  | Muzzle, fine; mouth large; lips thin; nostrils wide, open  Face, short; expression placid  | 1                | <br>       |
| Top   Fore quarter:   Shoulder, compact, well covered with flesh, broad on top.   3   3   3   3   3   3   3   3   3  | Eyes, prominent, bright Forehead, broad Ears, erect, fine, lively Vadt short this begins toward the shoulders  | 1 1 1 2          | <br>       |
| Shoulder vefn, full   2   3   3   3   3   4   4   4   4   4   5   5   5   5   5  | Acces saving the experience was the shoulders.   | ~~~~             | <br>       |
| Brisket, projecting, deep, broad; breast wide.   3   | Shoulder vein, full  | 2 3              | <br>       |
| Body:   Chest, deep, thick through the hear  | Brisket, projecting, deep, broad; breast wide.<br>Legs, straight, short, well placed outside; arm full, short; bone<br>clean                                       | 3                |            |
| Back, straight, broad, thickly covered with flesh   3  | Body:  | 11               | <br>       |
| Hind quarter:   Hips, wide apart, smooth   3   | Back, straight, broad, thickly covered with flesh  | 3<br>3<br>3      | <br>       |
| Hips, wide apart, smooth   3   |  |                  |            |
| Constitution: Girth, large; estimated, —; corrected, — 3 Skin, color bright pink   | Hind quarter:  Hips, wide apart, smooth  Rump, long, level, wide  Thighs, full, well fieshed  Twist, deep, full.  Legs, straight, short, strong; bone fine, clean. | 3<br>3<br>4<br>3 | <br>       |
| Girth, large; estimated,; corrected,   |  |                  |            |
| Wool: Quantity, dense, long, even. Quality, fine, strong, lustrous fiber, without break. Condition, bright, strong, clean.  6 4 4 6 14   | Constitution: Girth, large; estimated, ——; corrected, —— Skin, color bright pink. Yolk, abundant, evenly distributed   | 3<br>3<br>3      |            |
| Quantity, dense, long, even Quality, fine, strong, lustrous fiber, without break Condition, bright, strong, clean 4 14   | Wool:  |                  |            |
|  | Quantity, dense, long, even.<br>Quality, fine, strong, lustrous fiber, without break.  | 6<br>4<br>4      |            |
| 100  | Total  | 100              | <br>       |

# BUREAU OF ANIMAL INDUSTRY.

# North Dakota Agricultural College.

| Age, —; teeth, —   General appearance:   Weight, estimated, — pounds; actual, — pounds; according to age   Form, low, long, symmetrical, compact   Squality, bone clean, strong; hair sliky   Squality, bone clean, strong; lips thin; nostrils large   Tquality, bone clean, strong; lips thin; lips thin; clean, clean, strong; lips thin; nostrils large   Tquality, bone clean, strong; lips thin; strong; strong; lips thin; strong; strong; lips thin;  |  |                   | Points deficient. |            |  |
|--|--|-------------------|-------------------|------------|--|
| General appearance:   Weight, estimated, — pounds; actual, — pounds; according to age   6  | Seale of points, a   | Perfect<br>score. |                   | Corrected, |  |
| General appearance:   Weight, estimated, — pounds; actual, — pounds; according to age   6  | Age —: teeth —   |                   |                   | T.         |  |
| to age   | General appearance:  |                   |                   |            |  |
| Form, low, long, symmetrical, compact   8   8   Quality, bone clean, strong; hair silky   8   8   Temperament, quict   5   1   1   1   1   1   1   1   1   1   |  |                   |                   |            |  |
| Quality, bone clean, strong; hair silky   8   Temperament, quiet   5   5     Head and neck:   Muzzle, fine; mouth large; lips thin; nostrils large.   1     Eyes, bright, full.   1     Face, short; expression quiet.   1     Fore heart expression quiet.   1     Fore heart expression quiet.   1     Fore heart expression quiet.   1     Fore quarters:   1     Shoulder vein, full.   2     Shoulder vein, full.   2     Shoulder, covered, compact.   3     Brisket, projecting forward; breast wide.   2     Legs, straight, short, wide apart, strong; forearm full; shauk smooth.   3     Body:   3     Chest, wide, deep.   3     Bak straight, wide.   4     Bak straight, wide.   4     Bak straight, wide.   4     Bak straight, wide.   3     Bilbs, arched, deep.   3     Flank, low, thick, making under line straight.   2     Hind quarters:   Hips, far apart, smooth.   3     Thigh, full.   3     Thigh, full.   3     Thigh, (deep. lind.   3     Thigh, (deep. lind.   3     Thigh, (deep. lind.   4     Purse, full, indicating condition.   2     Legs, straight, short, strong; shank smooth.   3     Skin, coleep.   3     Skin, coleep.   4     Constitution:   6     Quantity, long, dense, even.   6     Quantity, long, oft, pure, even.   6     Constitution:   4     Condition, bright, strong, clean.   4  | to age   |                   |                   |            |  |
| Temperament, quiet Head and neek: Muzzle, fine; mouth large; lips thin; nostrils large.  1   | Ovelity, hope clean strong, beingility                         | 0                 |                   |            |  |
| Head and neck:    Muzzle, fine; mouth large; lips thin; nostrils large.  | Temperament quiet  | 5                 |                   |            |  |
| Eyes, bright, full   |  |                   |                   |            |  |
| Eyes, bright, full   | Muzzle, fine; mouth large; lips thin; nostrils large           | 1                 |                   |            |  |
| Forehead, broad.   | Eyes, bright, full   | 1                 |                   |            |  |
| Ears, fine, creet.   1   | Face, short; expression quiet                                  | 1                 |                   |            |  |
| Neck, thick, short.   1  |  |                   |                   |            |  |
| Fore quarters:    Shoulder vein, full   2   2   3   3   3   3   3   3   3   5   5   5  | Noak thick short   |                   |                   |            |  |
| Shoulder vein, full  |  | 1                 |                   |            |  |
| Shoulder, covered, compact   3   | Shoulder vein, full  | 2                 |                   |            |  |
| Legs. straight, short, wide apart, strong; forearm full; shauk smooth   3   80   3   80   3   80   3   80   4   80   80   80   80   80   80  | Shoulder, covered, compact                                     | 3                 |                   |            |  |
| Smooth   S | Brisket, projecting forward; breast wide                       | 2                 |                   |            |  |
| Body:       3         Chest, wide, deep.       3         Back, straight, wide.       4         Loins, thick, broad.       3         Ribs, arched, deep.       3         Flank, low, thick, making under line straight       2         Hind quarters:       3         Hips, far apart, smooth.       3         Rump, long, level, wide.       3         Thighs, full.       3         Twist, deep, plump.       4         Purse, full, indicating condition.       2         Legs, straight, short, strong; shank smooth.       3         Constitution:       3         Girth, large.       3         skin, color pink.       3         Fleece, dense, even over body; yolk abundant       4         Wool:       4         Quality, long, dense, even.       6         Quality, fine, soft, pure, even.       4         Condition, bright, strong, clean.       4   | Legs, straight, short, wide apart, strong; forearm full; shauk |                   |                   |            |  |
| Chest, wide, deep.   3   |  | 3                 |                   |            |  |
| Back, straight, wide.       4         Loins, thick, broad.       3         Ribs, arched, deep.       3         Flank, low, thick, making under line straight.       2         Hind quarters:       3         Hips, far apart, smooth.       3         Rump, long, level, wide.       3         Thighs, full.       3         Twist, deep, plump.       4         Purse, full, indicating condition.       2         Legs, straight, short, strong; shank smooth.       3         Constitution:       3         Girth, large.       3         skin, color pink.       3         Fleece, dense, even over body; yolk abundant       4         Wool:       4         Quality, long, dense, even.       6         Quality, fine, soft, pure, even.       4         Condition, bright, strong, clean.       4   |  | 9                 |                   |            |  |
| Loins, thick, broad  |  |                   |                   |            |  |
| Ribs, arched, deep.   3  | Loins, thick, broad  | , 3               |                   |            |  |
| Hind quarters:  Hips, far apart, smooth.  Rump, long, level, wide.  3 Rump, long, level, wide.  3 Thighs, full.  3 Twist, deep, plump. 4 Purse, full, indicating condition. 2 Legs, straight, short, strong; shank smooth.  3 Constitution:  Girth, large.  3 Skin, color pink.  3 Fleece, dense, even over body; yolk abundant.  4 Wool:  Quantity, long, dense, even.  Quality, fine, soft, pure, even.  4 Condition, bright, strong, clean.  4  | Ribs, arched, deep   | 3                 |                   |            |  |
| Hips, far apart, smooth   3  | Flank, low, thick, making under line straight                  | 2                 |                   |            |  |
| Ruim , long, level, wide   | Hind quarters:   |                   |                   |            |  |
| Thighs full   3   1   1   1   1   1   1   1   1   1  | Hips, far apart, smooth  |                   |                   |            |  |
| Twist, deep, plump.  | Thighe full  | 9                 |                   |            |  |
| Purse, Inll, indicating condition       2         Legs, straight, short, strong; shank smooth       3         Constitution:       3         Girth, large.       3         Skin, color pink.       3         Fleece, dense, even over body; yolk abundant       4         Wool:       4         Quality, long, dense, even       6         Quality, fine, soft, pure, even       4         Condition, bright, strong, clean       4   |  |                   |                   |            |  |
| Legs straight, short, strong; shank smooth.  | Purse, full, indicating condition                              |                   |                   |            |  |
| Girth large.   | Legs, straight, short, strong; shank smooth                    | 3                 |                   |            |  |
| Skin, color pink         3           Fleece, dense, even over body; yolk abundant         4           Wool:         6           Quality, long, dense, even         6           Quality, fine, soft, pure, even         4           Condition, bright, strong, clean         4  |  |                   |                   |            |  |
| Fleece, dense, even over body; yolk abundant   |  |                   |                   |            |  |
| Wool:         6           Quantity, long, dense, even         6           Quality, fine, soft, pure, even         4           Condition, bright, strong, clean         4   | Skin, color pink   |                   |                   |            |  |
| Quantity, long, dense, even       6         Quality, fine, soft, pure, even       4         Condition, bright, strong, clean       4   |  | 4                 |                   |            |  |
| Quality, fine, Soft, pure, even 4<br>Condition, bright, strong, clean 4  |  | 6                 |                   |            |  |
| Condition, bright, strong, clean   |  |                   |                   |            |  |
|  | Condition, bright, strong, clean                               | 4                 |                   |            |  |
|  |  |                   |                   |            |  |
| Total 100  | Total  | 100               |                   |            |  |

a After Craig.

# Oklahoma Agricultural and Mechanical College.

| . Scale of points.  | Possible score. | Student's<br>score. | Corrected. |
|---|-----------------|---------------------|------------|
| Seneral appearance—36 points:   |                 |                     |            |
| Weight, estimated, — pounds; actual, — pounds; score ac-  | 0               |                     |            |
| cording to age.  Form, long, level, deep, broad, low set, stylish   | . 8             |                     |            |
| Quality, bone clean; hair silky; skin fine; light in offal, yield-  | . 10            |                     |            |
| ing large percentage of meat  | 8               |                     |            |
| Condition, deep, even covering of firm flesh, especially in re-   |                 |                     |            |
| gion of valuable cuts: points indicating condition or ripeness  |                 |                     |            |
| are thick dock, back thickly covered with flesh, thick neck,  |                 |                     |            |
| full purse, full, low flank, plump breast   | . 10            |                     |            |
| Head and neck—6 points:   | 1               |                     |            |
| Muzzle, fine; mouth large; lips thin; nostrils large  | . 1             |                     |            |
| Eyes, large, clear, placid  | 1 1             |                     |            |
| Face, short; features clean cut. Forehead, broad, full.   | 1               |                     |            |
| Fore fine creet   | 1. 1            |                     |            |
| Ears, fine, erect. Neck, thick, short, free from folds.   | 1               |                     |            |
| Fore quarters—4 points:   |                 |                     |            |
| Shoulder vein, full   | 1 1             |                     |            |
| Shoulder, covered with flesh, compact on top, smooth  | 1               |                     |            |
| Brisket, projecting forward: breast wide.   | î               |                     |            |
| Brisket, projecting forward; breast wide.  Legs, straight, short, wide apart, strong; forearm full; shank                         |                 |                     |            |
| smooth, fine  | . 1             |                     |            |
| Body—26 points:   |                 |                     |            |
| Chest, wide, deep, full, indicating constitution  | . 8             |                     |            |
| Back, broad, straight, long, wide, thickly fleshed; ribs arched   | . 10            |                     |            |
| Loin, thick, broad, long  | . 8             |                     |            |
| lind quarters—17 points:  |                 |                     |            |
| Hips, far apart, level, smooth  | . 2             |                     |            |
| Rump, long, level, wide to tailhead   | . 4             |                     |            |
| Thighs, full, deep, wide<br>Twist, plump, deep<br>Legs, straight, short, strong; shank smooth, fine                               | . 5             |                     |            |
| Loge etrajaht short etrang shank smooth fine  | 1               |                     |            |
| Vool—11 points:   |                 |                     |            |
| Kind domestic territory carnet or blanket   |                 |                     |            |
| Class, clothing, delaine, or combing  |                 |                     |            |
| Class, clothing, delaine, or combing<br>Grade, fine, medium, or coarse  |                 |                     |            |
| Quantity, long, dense, even   | . 4             |                     |            |
| Quality, fine, pure; crimp close, regular, even   | 3               |                     |            |
| Quantity, long, dense, even.<br>Quality, fine, pure; crimp close, regular, even.<br>Condition, bright, sound, clean, soft, light. | . 4             |                     |            |
|   | 1               |                     |            |
| Total   | . 100           |                     |            |

# The Pennsylvania State College.

|  |                   | Points deficient.                       |            |  |
|--|-------------------|---|------------|--|
| Scale of points.   | Perfect<br>score. | Student's score.                        | Corrected. |  |
| Age, —; teeth, —   |                   |   |            |  |
| General appearance:  |                   |   |            |  |
| Weight, estimated, — pounds; actual, — pounds; according         | 6                 |   |            |  |
| to age   |                   |   |            |  |
| Form, low, long, symmetrical, compact                            | . 8               |   |            |  |
| Temperament, quiet   | . 5               |   |            |  |
| Head and neck:   |                   |   |            |  |
| Muzzle, fine; mouth large; lips thin; nostrils large             | . 1               |   |            |  |
| Eyes, bright, full   | . 1               |   |            |  |
| Face, short; expression quiet.                                   | . 1               |   |            |  |
| Forehead, broad<br>Ears, fine, erect                             | · I               |   |            |  |
| Neek, thick, short   | 1                 |   |            |  |
| Fore quarters:   | •                 |   |            |  |
| Shoulder vein, full  | . 2               |   |            |  |
| Shoulders, covered, compact                                      | . 3               |   |            |  |
| Brisket, projecting forward; breast wide                         | . 2               |   |            |  |
| Legs, straight, short, wide apart, strong; forearm full; shanks  |                   |   |            |  |
| smooth   | . 3               |   |            |  |
| Body:<br>Chest, wide, deep                                       | . 3               |   |            |  |
| Back, straight, wide   | . 4               |   |            |  |
| Loin, thick, broad.  | 3                 |   |            |  |
| Ribs arched deep   | . 3               |   |            |  |
| Ribs, arched, deep Flank, low, thick, making under line straight | . 2               |   |            |  |
| Hind quarters:   |                   |   |            |  |
| Hips, far apart, smooth  | . 3               |   |            |  |
| Rump, long, level, wide  | . 3               |   |            |  |
| Thighs, full   | . 3               |   |            |  |
| Twist, plump, deep   | . 4               | • |            |  |
| Legs, straight, short, strong; shank smooth.                     | . 2               |   |            |  |
| stitution:   | . 0               |   |            |  |
| Girth, large   | . 3               |   |            |  |
| Skin, color pink   | . 3               |   |            |  |
| Fleece, dense and even over body; yolk abundant                  | . 4               |   |            |  |
| Wool;  |                   |   |            |  |
| Quantity, long, dense, even                                      |                   |   |            |  |
| Quality, fine, soft, pure, even                                  | . 4               |   |            |  |
| Condition, bright, strong, clean                                 | . 4               |   |            |  |
| Total  | 100               |   |            |  |
|  | 100               |   |            |  |

# College of Agriculture of the University of Wisconsin.

|   | Per-           | Points deficient. |            |  |
|---|----------------|-------------------|------------|--|
| Scale of points.  | fect<br>score. | Student's score.  | Corrected. |  |
| Age, —; teeth, —  |                |                   |            |  |
| General appearance—24 points:<br>Weight, estimated, —— pounds; actual, —— pounds; according |                |                   |            |  |
| to age  | 6              |                   |            |  |
| Form, low, long, symmetrical, compact, evenly covered with firm flesh                       | 10             |                   |            |  |
| Quality, bone clean; hair silky   | 6              |                   |            |  |
| Temperament Head and neck—9 points:   | 2              |                   |            |  |
| Muzzle, fair size: nostrils large: lips thin: mouth large                                   | 2              |                   | ,          |  |
| Eyes, full, bright<br>Face, short; expression bold  | 1              |                   |            |  |
| Face, short; expression bold  | 1              |                   |            |  |
| Forehead, broad<br>Ears, fine, erect  | î              |                   |            |  |
| Neck, thick, short; throat clean  | 3              |                   |            |  |
| Shoulder vein, full   | 2              |                   |            |  |
| Shoulders, covered, compact<br>Chest, deep, wide; girth large                               | 3              |                   |            |  |
| Brisket, full, prominent; breast wide   | 2              |                   |            |  |
| Legs, straight, short, wide apart, strong; forearm full; shank                              |                |                   |            |  |
| smooth<br>Body—13 points:   | 3              |                   |            |  |
| Back, straight, wide  | 4              |                   |            |  |
| Loin, broad, thick<br>Ribs, deep, arched  | 4              |                   |            |  |
| Flank, low, thick, making underline straight  | 2              |                   |            |  |
| Hind quarters—17 points:<br>Hips, smooth, far apart.  | 3              |                   |            |  |
| Rump, long, level, wide   | 4              |                   |            |  |
| Rump, long, level, wide<br>Thighs, full, well fleshed                                       | 3              |                   |            |  |
| Twist, plump, deep<br>Legs, straight, short, strong; shank smooth                           | 4 3            |                   |            |  |
| Constitution—10 points:   |                |                   |            |  |
| Girth, large<br>Skin, color pink  |                |                   |            |  |
| Fleece, dense, even over body; yolk abundant  | 4              |                   |            |  |
| Wool-11 points:   | e              |                   |            |  |
| Quantity, long, dense, even   | 4              |                   |            |  |
| Condition, bright, strong, clean  | 4              |                   |            |  |
| Total   | 100            |                   |            |  |
| A O W   | 100            |                   |            |  |

### WOOL SHEEP.

# Iowa State College of Agriculture and the Mechanic Arts.

| Scale of points.   | Perfect<br>score.     |
|--|-----------------------|
| 1. Age. —  |                       |
| General appearance:  |                       |
| 2. Weight  |                       |
| 3. Form, level, deep, stylish, round rather than square.   | 8                     |
| 4. Quality, bone clean, fine; hair silky; skin fine  | 6                     |
| Head and neck: 5. Muzzle, fine; nose broad, wrinkly; pure white  |                       |
| 5. Muzzle, fille; flose broad, writikry; pure write.   | 1                     |
| 6. Eyes, large, clear, placid.<br>7. Face, wrinkly, covered with soft velvety coat.<br>8. Forehead, broad, full. | 1                     |
| 7. Face, with kiy, covered with soft vervety coat.   | 1                     |
| 9. Ears, soft thick, velvety   | 1                     |
| 10. Neck, short, muscular, well set on shoulders.  | 1<br>1<br>1<br>1<br>1 |
| Fore quarters:   | _                     |
| 11. Shoulder, strong, deep, broad 12. Brisket, projecting forward; breast wide.                                  | 4                     |
| 12. Brisket, projecting forward: breast wide   | ī                     |
| 13. Legs, straight, short, wide apart; shank smooth, fine  | 2                     |
| Body:  |                       |
| 14. Chest, deep, full, indicating constitution   | 10                    |
| 15. Back, level, long, round ribbed  | 4                     |
| 16. Loin, wide, level  | 4                     |
| 17. Flank, low, making under line straight   | 2                     |
| Hind quarters:   | 100                   |
| 18. Hips, far apart, level, smooth   | 2                     |
| 19. Rump, long, level, wide  | 4                     |
| 20. Legs, straight, short, strong; shank smooth, fine  | 2                     |
| 21. Kind, Domestic, clean, bright.   |                       |
|  |                       |
| Carpet   hairy or having dead fibers.  |                       |
| Territory, dirty or discolored,  |                       |
| 22. Class, Clothing, fiber under 2 inches in length or unsound.  |                       |
| Delaine, fiber 2 to 3 inches in length.  |                       |
| Combing, fiber over 3 inches in length and sound.  |                       |
| 23. Grade, fine, medium, or coarse.  |                       |
| 24. Quantity, long, dense, even, covering especially crown, cheek, armpit, hind leg, and                         |                       |
| belly  | 15                    |
| 25. Quality, fiber, fine, close; quality even, including tops of folds; crimp regular                            | 15                    |
| 26. Condition, bright, lustrous, sound, pure, soft; distribution of yolk even; even surface                      |                       |
| to fleece  | 15                    |
| (Patri)  | 100                   |
| Total  | 100                   |
|  |                       |

# Michigan State Agricultural College.

| Scale of points.  | Stand-<br>ard. | Student's estimate. | Corrected. |
|---|----------------|---------------------|------------|
| A. General appearance:  |                |                     |            |
| Weight, estimated, — pounds; actual, — pounds; standard   |                |                     |            |
| for mature ram, ——; ewe, ——.<br>Form, level, deep, round rather than square.  |                |                     |            |
| Form, level, deep, round rather than square   | 5              |                     |            |
| Quality, should not be coarse in bone, fleece, or features; firm in handling, yet with soft, pliable skin of bright pink color. | c              |                     |            |
| Constitution, shown by fleece, skin, girth, and movement  | 10             |                     |            |
| B. Head and neck:   | 10             |                     |            |
| Muzzle, mouth and nostrils of good size; lips thin  | 1              |                     |            |
| Eves bright prominent: whites clear   | 2              |                     |            |
| Face, short, except in Oxfords, Hampshires, and Cotswolds   | 1              |                     |            |
| Forehead, broad, full.<br>Ears, well apart, covered with fine soft hair, in size and form                                       | 2              |                     |            |
| Ears, well apart, covered with fine soft hair, in size and form   |                |                     |            |
| typical of breed  | 1              |                     |            |
| longer, drooping at yoke  | 1              |                     |            |
| C. Fore quarters:   |                |                     |            |
| Shoulders, for M., smoothly joined with neck and body, broad  |                |                     |            |
| on top, compact; for W., less closely joined  |                |                     |            |
| Breast, broad, carried well forward, closely joined to legs   | 3              |                     |            |
| Legs, short, straight, strong, well apart; arm full   | 2              |                     |            |
| D. Body:  | 5              |                     |            |
| Back and loin, straight, broad  | Э              |                     |            |
| broad and flat: for wool, slope downward from spine   | 2              |                     |            |
| Chest, showing no depression above, at sides, or below, making  | -              |                     |            |
| large girth   | 4              |                     |            |
| Flank, low, full  | 2              |                     |            |
| E. Hind quarters:   |                |                     |            |
| Hips, broad, flat above   | 2              |                     |            |
| Rump, long, level, wide<br>Thighs, full, less so for W  | 2              |                     |            |
| Thighs, full, less so for W   | 2 2            |                     |            |
| Twist, deep, plump  | 2              |                     |            |
| F. Wool:  | -              |                     |            |
| Quality, fine for breed, soft, even   | 12             |                     |            |
| Density, great, even  | 10             |                     |            |
| Length, great, even   | 10             |                     |            |
| Yolk, slight amount   | 3              |                     |            |
|   |                |                     |            |
| Total   | 100            |                     |            |

### POULTRY.

# Kansas State Agricultural College.

|                           | Possibl | Possible score. |        | Student's score. |        | s score. |   |
|---------------------------|---------|-----------------|--------|------------------|--------|----------|---|
|                           | Shape.  | Color.          | Shape. | Color.           | Shape. | Color.   | Remarks.                                |
| ypical carriage           |         |                 |        |                  |        |          |   |
| Veight and size           |         |                 |        |                  |        |          |   |
| ondition                  |         |                 |        |                  |        |          |   |
| lead                      |         |                 |        |                  |        |          |   |
| ombves                    |         |                 |        |                  |        |          |   |
| ar lobes and wattles      |         |                 |        |                  |        |          | ,                                       |
| eck                       |         |                 |        |                  |        |          |   |
| ack                       |         |                 |        |                  |        |          |   |
| ail                       |         |                 |        |                  |        |          |   |
| reast                     |         |                 |        |                  |        |          | • |
| ody and fluff'ings        |         |                 |        |                  |        |          |   |
| egs and toes              |         |                 |        |                  |        |          |   |
| rest and beard            |         |                 |        |                  |        |          |   |
| ardness of feather        |         |                 |        |                  |        |          |   |
| 77-+-1+-                  |         |                 |        |                  |        |          |   |
| Total outs<br>Total score |         |                 |        |                  |        |          |   |
| 10tal score               |         |                 |        |                  |        |          |   |

#### Cornell University.

|                       | P              | erfect scor | e.                | Defie               | ient. |  |
|-----------------------|----------------|-------------|-------------------|---------------------|-------|--|
| Scale of points.      | Ameri-<br>can. | Asiatic.    | Medi-<br>terrean. | Student's estimate. |       |  |
| Typical carriage      | 8              | 8           | 8                 |                     |       |  |
| Weight or size        | 6              | 6           | . 10              |                     |       |  |
| Condition             | 6              | 6           | 5                 |                     |       |  |
| Head:                 |                |             |                   |                     |       |  |
| Shape                 | 3              | 3           | 2                 |                     |       |  |
| Color                 | 3              | 3           | 2                 |                     |       |  |
| Comb                  | 8              | 8           | 10                |                     |       |  |
| Wattles and ear lobes | 6              | 6           | f w. 4            | 3                   |       |  |
| watties and ear looes | 0              | 0           | e. l. 6           | j                   |       |  |
| Neck:                 |                |             |                   |                     |       |  |
| Shape                 | 4              | 4           | 3                 |                     |       |  |
| Color                 | 6              | 6           | 4                 |                     |       |  |
| Back:                 |                |             |                   |                     |       |  |
| Shape                 | 5              | 4           | 3                 |                     |       |  |
| Colôr                 | 5              | 4           | 4                 |                     |       |  |
| Breast:               |                |             |                   |                     |       |  |
| Shape                 | 5              | 5           | 6                 |                     |       |  |
| Color.                | 5              | 5           | 4                 |                     |       |  |
| Body and fluff:       |                |             |                   |                     |       |  |
| Shape                 | 3              | 5           | 3                 |                     |       |  |
| Color                 | 3              | 3           | 3                 |                     |       |  |
| Wings:                |                |             |                   |                     |       |  |
| Shape                 | -4             | 4           | 4                 | 1                   |       |  |
| Color                 | 4              | 4           | 4                 |                     |       |  |
| Tail:                 |                |             |                   |                     |       |  |
| Shape                 | 4              | 4           | 4                 |                     |       |  |
| Color                 | 4              | 4           | 4                 |                     |       |  |
| Legs and toes         | 8              | 8           | 7                 |                     |       |  |
| Total                 | 100            | 100         | 100               |                     |       |  |

### North Dakota Agricultural College. a

| ymmetry-typical shape  | Body and fluff; |
|------------------------|-----------------|
| Veight                 |                 |
| ondition               | Colôr           |
| comb                   |                 |
| Eyes                   |                 |
| Head:                  | Color           |
| Shape                  |                 |
| Color                  |                 |
| Vattles and ear lobes: | Color           |
| Shape                  |                 |
| Color                  |                 |
| Veck:                  | Color           |
| Shape                  |                 |
| Color                  | Shape<br>Color  |
| Shape                  |                 |
| Color                  |                 |
| Breast:                | Score           |
| Shape                  |                 |
| Color                  |                 |

a North Dakota and Northern Minnesota Poultry Association. A. P. A. standard score card.

## The Pennsylvania State College.

| 1                                 | P              | erfect scor | e.                  | Defic               |  |  |
|-----------------------------------|----------------|-------------|---------------------|---------------------|--|--|
| Scale of points.                  | Ameri-<br>can. | Asiatic.    | Mediter-<br>ranean. | Student's estimate. |  |  |
| Typical carriage                  | 8<br>6<br>6    | 8<br>6<br>6 | 8<br>10<br>5        |                     |  |  |
| Color                             | 3<br>3<br>8    | 3<br>8      | 10                  |                     |  |  |
| Wattles and ear lobes             | 6              | 6           | { w. 4 e.l. 6       | }                   |  |  |
| Neck:<br>Shape<br>Color.<br>Back: | 4<br>6         | 4<br>6      | 3<br>4              |                     |  |  |
| Shape                             | 5              | 4 4         | 3<br>4              |                     |  |  |
| Shape<br>Color<br>Body and fluff; | 5<br>5         | 5<br>5      | 6 4                 |                     |  |  |
| Šhape<br>Color<br>Wings:          | 3 3            | 5 3         | 3                   |                     |  |  |
| Shape                             | 4 4            | 4 4         | 4 4                 |                     |  |  |
| Shape                             | 4 4 8          | 4<br>4<br>8 | 4<br>4<br>7         |                     |  |  |
| Total                             | 100            | 100         | 100                 |                     |  |  |

# Rhode Island College of Agriculture and the Mechanic Arts.

|                    | [The decimal score card. Copyright by I. K. F | elch.] |  |
|--------------------|---|--------|--|
| Date               | ,   |        |  |
| Втее               | od See  | Y      |  |
| Enti               | ry No   | Weight |  |
| Ring               | No  |        | Directions for   |
|                    |   |        | using this card.   |
| _                  |   |        |  |
|                    | Condition, weight, or size                    |        | To cut feature of make cut line. She space for lines. Cu above the or space.   |
|                    | Comb, or crest and comb.                      |        | To feature make line. space lines, above or spa  |
| :                  | Head and adjuncts:                            |        | To contained in the state of space of |
| :                  | Beak  |        | 6 # C 2 8 6 6 8  |
|                    | Eye.  |        | . 16 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |
|                    | Ear lobe                                      |        | Dela para por  |
|                    | Wattles                                       |        | E-2-5-2 1 2 4 1  |
| 1                  | Neck:   |        | cut for weight, e defective and cut above the Shape being m for shape, but I Color being the the dotted line the This secures ee. This secures   |
| - ;                | Shape   |        | of The part of the   |
|                    | Color   |        | # pi th th at \$ 2 pi pt   |
| - 2                | Back:<br>Shape                                |        | ಜ್ಞಾರಕ್ಷಿದ್ದ   |
| : =                | Color   |        | #####################################  |
| : A                | Breast:                                       |        | eomb<br>eut<br>lotted<br>ore o<br>w en<br>great<br>and e   |
| :2                 | Shape   | (      | # # # # # # # # # # # # # # # # # # #  |
| 1 4                | Color   |        | eomb, hed eut in the dotted linde the linde th |
| section 10 points. | Rody and fluff                                |        | weight, eomb, head, legs, cher<br>we the dotted line. For eold, the<br>eding more defective than co-<br>ebing more low commence<br>but low enough to include<br>all the and earry deep down in<br>secures dispatch in its use for e  |
| : 5                | Shape   |        | F. 2 + 4   |
| ž                  | Color   |        | 25 8 7 6 48 F  |
| Euch               | Wings:  |        | 日の日本 中日 日後   |
| 7.3                | Shape   |        | CABREGE.   |
| and exhibitor      | Color   |        | ad, legs, check (x) the he column. For shape, he column, blow the re. For color, below the cifve than color, cut in h to include the dotted vil, commence figure just vil, commence figure just deep down into context in its use for exhibitions.   |
| ib                 | Shape   |        | e ii e e e e e e   |
| the state of       | Color   |        | _ #8###@####   |
| e .                | T I t   |        | Bom 27 27 0  |
| g                  | Shape   |        | 24 K B B B B B B B   |
| ar                 | Plumage                                       |        | 3344-444   |
| er                 | Color   |        | the  |
| Owner              |   |        | -  |
| Š                  | Total defects                                 |        | Score  |
| _                  |   | _      |  |
|                    |   |        | Judge.   |
|                    | Pres.   |        | Secy.  |
|                    | rres.   |        |  |

#### Rhode Island Agricultural College.

FOR BREEDING PEN.

[Copyright by I. K. Felch.]

| Breed<br>Sex<br>Weight     |   | <br> | <br>       |
|----------------------------|---|------|------------|
| Ring No                    |   |      | <br>       |
| Condition, weight, or size |   |      |            |
| Comb, or crest and comb    |   |      |            |
| Hood and adjuncter         |   |      |            |
| Beak                       |   | <br> | <br>l      |
| · Eye                      |   |      |            |
| Ear lobe                   |   |      |            |
| Wattles                    |   | <br> | <br>       |
| Neek:                      |   |      |            |
| Shape                      |   |      |            |
| Color                      |   | <br> | <br>       |
| Dack:                      |   |      |            |
| Shape<br>Color             |   | <br> | <br>       |
|                            |   |      |            |
| Shape                      |   | <br> | <br>N      |
| Color                      |   |      |            |
| Body and fluff:            |   |      |            |
| Šhape                      |   |      |            |
| Color                      |   | <br> | <br>       |
| Wings:<br>Shape            |   |      |            |
|                            |   |      |            |
| Color                      | • | <br> | <br>       |
| Shape.                     |   |      |            |
| Color                      |   |      |            |
| Legs and toes:             |   | <br> | <br>       |
| Shape                      |   | <br> | <br>1      |
| Plumage                    |   | <br> | <br>       |
| Color                      |   | <br> | <br>       |
|                            |   |      |            |
| Total defects              |   |      |            |
| Score                      |   | <br> | <br>       |
|                            |   |      |            |
|                            |   |      | 71         |
|                            |   | <br> | <br>Judge. |

#### DRESSED CARCASSES AND BLOCK TESTS.

BEEF CATTLE-CARCASS EXAMINATION.

# College of Agriculture of the University of Minnesota.

| Scale of points.   | Perfect<br>score. |
|--|-------------------|
| cneral appearance:   |                   |
| 1. Covering, even, smooth, firm, white   |                   |
| 2. Form, compact, well filled out  | 1                 |
| 3. Quality, flesh deep, even, firm; grain fine; texture firm but yielding to pressure; bone dense, fine; fat and lean well mixed | 2                 |
| 4. Kidney fat, firm, white, brittle, in proportion to covering.  | 2                 |
| ore quarters:  |                   |
| 5. Neck, short, neat   |                   |
| 6. Shoulder, compact, well covered   |                   |
| 7. Chuck ribs, not coarse; meat thick  |                   |
| 8. Prime ribs, flesh deep, carried well down, firm, evenly covered with medium thick   |                   |
| fat  | 1                 |
| 10. Shank, arm full; bone fine   |                   |
| lind quarters:   |                   |
| 11. Loin, flesh firm, even, deep; fat and lean well mixed; spine fat medium thick  | 1                 |
| 12. Rump, full and evenly fleshed to tailhead.   |                   |
| 13. Round, flesh thick, carried well down, well mixed with fat   | 1                 |
| 14. Flank, thick, well filled.<br>15. Shank, bone fine, dense.   |                   |
| 15. Shank, bone fine, dense  |                   |
| Total  | 10                |

### BLOCK RECORD.

| Name of animal Breeding. Live weight Shop No. Age                     |        |                              |      |                          |  |  | Type Sex Dressed weight Per cent dressed carcass to live weight. |   |                     |                          |  |  |  |   |  |  |  |  |
|---|--------|------------------------------|------|--------------------------|--|--|--|---|---------------------|--------------------------|--|--|--|---|--|--|--|--|
| Date  |        | Date Cut by                  |      |                          |  |  |  |   |                     |                          |  |  |  |   |  |  |  |  |
| Left hind quarter—weight  |        |                              |      |                          |  |  |  | Right hind quarter—Weight Hand and a state of the stat |                     |                          |  |  |  |   |  |  |  |  |
|   | Gross. | Marketable meat<br>(retail). | Fat, | Bone and trim-<br>mings, | Per cent market-<br>able meat in<br>dressed carcass. | Per cent market-<br>able meat in<br>live animal. | Gross.   | Marketable meat (retail).   | Fat.                | Bone and trim-<br>mings. | Per cent market-<br>able meat in<br>dressed carcass. | Per cent market-<br>able meat in<br>live animal. | Total weight of relable meat freach cut, | Per cent marketable<br>meat in each cut<br>(total). |  |  |  |  |
| Round: a Round steak b Rump c Pot roast d Shank Fat  Total Loin:      |        |                              |      |                          |  |  | ····   |   |                     |                          |  |  |  |   |  |  |  |  |
| e Sirloin steak f Porterhousestk g Sirloin strip h Suet i Flank Total |        |                              |      |                          |  |  |  |   |                     |                          |  |  |  |   |  |  |  |  |
| Left front quart  Ribs; j Prime k Chuck  Total  Chuck: l Shoulder     | ter-   | -wei                         | ght  |                          |  |  |  | Rig   | ght i               | ront                     | quarter-   | -weight  |  |   |  |  |  |  |
| m Cross rib n Plate o Neck p Shank  Total Grand total                 |        | ight                         | and  | i pe                     | rcent  |  | ketal  | ole m   | eat 1               | o we                     | ight of c  | arcass   |  |   |  |  |  |  |
|   |        |                              |      |                          | Ne   | otes o   | N CA   | RCASS   | s.                  |                          |  |  |  |   |  |  |  |  |
|   |        |                              |      |                          |  | Correct.   | Ma<br>Ma<br>Re   | arketa<br>irketa<br>mark  | able<br>able<br>ss: | meat<br>meat             | in a, b, in e, d, i                                  | e, f, g, j.<br>, k, l, m,                        | n, o, p                                  |   |  |  |  |  |

### LARD HOGS-CARCASS EXAMINATION.

# College of Agriculture of the University of Minnesota.

| Scale of point   | nts.              |                          |                |        |        |    |   | erfect<br>score.      |
|--|-------------------|--------------------------|----------------|--------|--------|----|---|-----------------------|
| General appearance:  1. Skin, thin, mellow, soft 2. Form, thick, deep, length medium 3. Quality, flesh deep, even, firm; bone dense . 4. Kidney fat, abundant, white, firm Carcass: Head, fine, neat, short Neek, short, full Shoulder, compact, well covered Side, deep, thick, evenly fleshed, firm; loin he Ham, large, plump, fleshed well down, firm. Total | avy               |                          |                |        |        |    |   | 1<br>2<br>1<br>2<br>2 |
|  |                   |                          |                |        |        |    |   |                       |
|  |                   |                          |                |        |        |    |   |                       |
| BLOCK I  | RECOR             | D.                       |                |        |        |    |   |                       |
| Shop No. Type Age Breeding Sex   | Per ce<br>Date of | ed wei<br>ent yie<br>eut | ght<br>ld of c | arcass |        |    |   |                       |
| Major and minor cuts.  |                   |                          |                | 1      | Veight | s. |   |                       |
| Head: Check meats Refuse Minor total  Total per cent   |                   |                          |                |        |        |    |   |                       |
| Shoulder: Butt (loin) Butt (fat). Neck spare rib. Legs. California ham Trimmings. Minor totals. Offal or waste.  |                   |                          |                |        |        |    |   |                       |
| Total per cent   |                   |                          |                |        |        | _  |   |                       |
| Middle: Kidney fat. Loin Fat back. Spare rib Prime bacon Bacon trimmings. Minor totals.  |                   |                          |                |        |        |    |   |                       |
| Total per cent   |                   |                          |                |        |        |    |   |                       |
| Hams: Prime hams Trimmings Leg Minor totals  |                   |                          | -              |        |        |    |   |                       |
| Total per cent   |                   |                          |                |        |        |    |   |                       |
| Cound total and and  |                   |                          |                |        |        |    | _ |                       |

#### BACON HOGS-CARCASS EXAMINATION.

#### College of Agriculture of the University of Minnesota.

| Scale of points.  | Perfect<br>score. |
|---|-------------------|
| eneral appearance:<br>1. Skin, thin, mellow, smooth                                   |                   |
| 2. Form, long, deep in proportion to thickness  | 10                |
| 3. Quality, flesh, firm, even, streaked with fat and lean; back fat, thin; bone dense | 2                 |
| 4. Kidney fat, white, firm  |                   |
| Head, fine, neat, longer than in lard hog   |                   |
| Neck, short, not heavy.   |                   |
| Shoulders, smooth, well covered.  | . 1               |
| Sides, long, deep, evenly fleshed, firm; loin heavy                                   | 2                 |
| Ham, large, plump, firm; light covering of fat  | . 2               |
|   |                   |
| Total   | . 10              |

#### MUTTON SHEEP—CARCASS EXAMINATION.

## College of Agriculture of the University of Minnesota.

| Scale of points.   | Perfect<br>score. |
|--|-------------------|
| General appearance:  |                   |
| 1. Covering, even, smooth, firm, dry, white  |                   |
| 2. Form, long but compact; well filled in loin and leg                                       | 10                |
| 3. Quality, flesh deep, even, firm, fine grained, not stringy; bone dense; fat evenly        | 2                 |
| distributed, free from rolls   |                   |
| 30dy:  |                   |
| 5 Noak short noat  |                   |
| 5. Neck, short. neat 6. Plate, light, not coarse   |                   |
| 7. Shoulders, compact, well covered  |                   |
| 8. Rack, muscle deep, firm, even, carried well down; fat evenly distributed, medium          |                   |
|  | 1                 |
| 9. Loin, muscle firm, abundant; fat medium thick.  10. Leg, plump, thick, fleshed well down. | 2                 |
| 10. Leg, plump, thick, fieshed well down   | 2                 |
| Total  | 10                |
| 10811  | 10                |

#### BLOCK RECORD. Shop No ..... Per cent yield ..... Shop No Age Sex Live weight Dressed weight Cut by Left half weight Right half weight cent marketable at to live weight. cent marketable to dressed weight, (remeat Bone and trimmings, trimmings Marketable meat Marketable meat gross weight. marketable weight. Gross weight. and Per ee Total Total Per Fat. Fat, Plate and flank 4 Front leg 5 Shoulder 6 Neck 7

#### ANIMAL MECHANICS.

#### HORSES.

# New Hampshire College of Agriculture and the Mechanic Arts. a

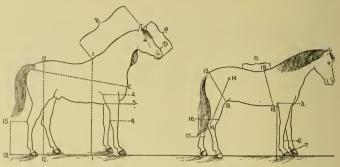


Fig. 10.—Chart for study of proportions of the horse.

| 1     | Fig.   | -  |  | Inches. |  |
|-------|--------|----|--|---------|--|
| 1     | 1      | 1  | Height at withers Length from point of shoulder to quarter. From lowest point of chest to the ground |         |  |
| 2     | 2      | -2 | Length from point of shoulder to quarter   |         |  |
| 2 2 2 | 3      | 3  | From lowest point of chest to the ground   |         |  |
| 2     | 3      | 3  | From the point of elbow to the ground  |         |  |
| 1     | 4      | -4 | From the point of elbow to trapezium   |         |  |
|       | _      |    | From the point of elbow to trapezium From trapezium to ground. Circumference of the arm              |         |  |
| 2     | 5<br>6 |    | Circumference of the arm Circumference of cannon in eenter   |         |  |
| 2     | 7      |    | Circumference of cannon in center.   |         |  |
| 1     | é      |    | From point of withers to occiput.  |         |  |
| 1     | o o    |    | Length of head   |         |  |
|       | -      |    | Width of forehead.   |         |  |
| 1     | 10     |    | Circumference of muzzle at angle of mouth  |         |  |
| ^     |        |    | Width of chest from outside of shoulder points   |         |  |
| 2     | 11     |    | Length of back from point of withers to point of cronp.  |         |  |
|       |        |    | Width across hips  |         |  |
| 1     | 12     | 12 | Height to highest point of eroup   |         |  |
| 2     | 13     | 13 | From center of dock to anterior point of patella   |         |  |
| 2     | 14     | 14 | From point of hock to point of hip   |         |  |
| 2     | 15     | 15 | From point of hock to ground   |         |  |
| 2     | 16     |    | Circumference of thigh   |         |  |
| 2     | 17     |    | Circumference of shank in the center.  |         |  |
| 2     | 18     | 18 |  |         |  |
|       |        |    | Length of croup  |         |  |
|       |        |    | Height of erest of occuput from ground   |         |  |
|       |        |    | Dorsal angle of scapula to hip.  |         |  |
|       |        |    | From angle of lower jaw to forehead above eye<br>From throat to superior border of neek              |         |  |
|       |        |    | From throat to superior border of neek   |         |  |
| _     |        |    |  |         |  |

a Also used by North Carolina College of Agriculture and Mechanic Arts.

# Cornell University.

|  | Inches. |  |
|--|---------|--|
| TI-1-b4 -4 mish  |         |  |
| <br>Height at withers.   |         |  |
| <br>Height to highest point of croup.  |         |  |
| <br>Length from point of shoulder to quarter From lowest point of chest to the ground From the point of elbow to the ground        |         |  |
| <br>From lowest point of chest to the ground   |         |  |
| <br>From the point of elbow to the ground  |         |  |
| <br>From the point of eibow to trapezium   |         |  |
| <br>From the point of eibow to trapezium<br>From trapezium to ground<br>Circumference of the arm                                   | (       |  |
| <br>Circumference of the arm   |         |  |
| <br>Circumference of cannon in center  |         |  |
| <br>Circumference of foot at coronet   |         |  |
| <br>Length of head   |         |  |
| <br>Circumference of foot at coronet<br>Length of head.<br>Width of forehead.  |         |  |
|  |         |  |
| <br>Width of chest from outside of shoulder points   |         |  |
| <br>Width across hips  |         |  |
| <br>Width of chest from outside of shoulder points<br>Width across hips<br>From center of dock to anterior point of patella.       |         |  |
| <br>From point of hock to point of hip.  |         |  |
| <br>From point of hock to point of hip. From point of hock to ground. Circumference of thigh. Circumference of shank in the center |         |  |
| <br>Circumference of thigh.  |         |  |
| <br>Circumference of shank in the center   |         |  |
| <br>Circumference of body at the girth   |         |  |
| <br>Length of croup  |         |  |
| <br>Circumference of body at the girth.<br>Length of croup<br>Height of crest of occiput from ground                               |         |  |
|  |         |  |
| <br>From angle of lower jaw to forehead above eve  |         |  |
| <br>From angle of lower jaw to forehead above eye. From throat to superior border of neck.   |         |  |
| <br>From throat to superior border of need   |         |  |
| •  |         |  |

The College of Agriculture and Domestic Science, Ohio State University.a

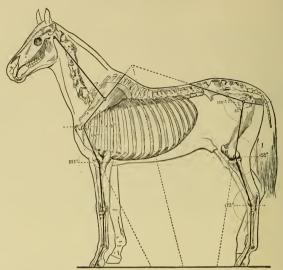


Fig. 11.—Chart for study of articular angles of the horse.

|   | Degrees. |
|---|----------|
| inclination upon the horizon:   |          |
| Scapular  |          |
| Humeral   |          |
| Iliae   |          |
| Femoral   |          |
| Tibial  |          |
| Cephalic  |          |
| Cervical  |          |
| Articular angles in stations:   |          |
| Scapulo-humeral   |          |
| Humero-radial   |          |
| Metacarpo-phalangal   |          |
| Ilio-femoral  |          |
| Femoro-tibial   |          |
| Tibio-metatarsal  |          |
| Metatarso-phalangal   |          |
| Cervico-cephalie  |          |
| Attitudes in station:   |          |
| Anterior members viewed in profile  |          |
| Anterior members viewed in front  |          |
| Posterior members viewed in profile. Posterior members viewed from behind |          |
| Posterior members viewed from benind                                      |          |

a Also used by Cornell University.

#### CATTLE.

# College of Agriculture and Mechanic Arts of the University of Missouri.

| v   |        |             |      |      |
|---|--------|-------------|------|------|
| Date  | <br>   |             | <br> | <br> |
| Name of animal  | <br>   |             | <br> | <br> |
| Breed   | <br>   |             | <br> | <br> |
| Age   |        |             |      |      |
| Condition   | <br>   |             | <br> | <br> |
| Sex   | <br>.: |             | <br> | <br> |
| Color and markings  | <br>   |             | <br> | <br> |
| Weight  | <br>   |             | <br> | <br> |
| Height at withers   | <br>   |             | <br> | <br> |
| Height at highest point of croup  | <br>   |             | <br> | <br> |
| Height of foreflank   |        |             |      |      |
| Length of foreleg from elbow to ground  | <br>   |             | <br> | <br> |
| Smallest circumference of shin bone   | <br>   |             |      |      |
| Height of hind flank  |        |             |      |      |
| Length from point of hock to ground   |        |             |      | <br> |
| Length from base of horns to withers  |        |             |      |      |
| From highest point of withers to a line between the hips.   | <br>   |             | <br> | <br> |
|   |        |             |      |      |
| From a line between hips to the tail  | <br>   |             | <br> | <br> |
| From a line between hips to the tail.  Length of a perpendicular line from withers to a point opposite the point of the shoulders | <br>   |             | <br> | <br> |
| opposite the point of the shoulders   |        |             |      |      |
| Depth of chest  | <br>   |             | <br> | <br> |
| Width of chest  | <br>   |             | <br> | <br> |
| Girth of throatlatch  | <br>   |             | <br> | <br> |
| Width of jaws (measure from outside)  | <br>   |             | <br> | <br> |
| Longth from poll to point of muggle   | <br>   |             | <br> | <br> |
| Length from poll to point of muzzle.<br>Length of face from line between eyes to point of muzzle.                                 | <br>   |             | <br> | <br> |
| Length of face from the between eyes to point of muzzle.  | <br>   |             | <br> | <br> |
| Width of forehead<br>Largest circumference of muzzle.   | <br>   |             | <br> | <br> |
| Largest circumference of muzzie   | <br>   | • • • • • • | <br> | <br> |
| Heart girth<br>Girth of middle of paunch  | <br>   |             | <br> | <br> |
| Girth of middle of paunch   | <br>   |             | <br> | <br> |
| Girth at the flank  | <br>   |             | <br> | <br> |
| From point of hip to ischium  | <br>   |             | <br> | <br> |
| From point of hips to last ribs   | <br>   |             | <br> | <br> |
| Width of hips   | <br>   |             | <br> | <br> |
| Width of pin bones  | <br>   |             | <br> | <br> |
| From point of hip to point of hock  | <br>   |             | <br> | <br> |
| Weight of fore quarters   |        |             |      |      |
| Weight of hind quarters   | <br>   |             | <br> | <br> |
|   |        |             |      |      |
|   |        |             |      |      |

# The College of Agriculture and Domestic Science, Ohio State University.

|  | Inches. |  |
|--|---------|--|
|  |         |  |
| Height at the withers.<br>Height at highest point of croup<br>Height of foreflank<br>Height of flank |         |  |
| Height at highest point of croup   |         |  |
| Height of forenank   |         |  |
| Height of nank   |         |  |
| Length from the base of norms to the withers.  |         |  |
| Length from the base of horns to the withers.<br>From a line between hips to the tall                |         |  |
| Length of a perpendicular line from withers to a point opposite the point of the                     |         |  |
| shoulders  |         |  |
| shoulders<br>Girth of throatlatch.   |         |  |
| Heart girth  |         |  |
| Girth of middle of paunch  |         |  |
| Girth at the flank   |         |  |
| From point of hip to ischium   |         |  |
| From point of hips to last rib   |         |  |
| Width of hips  |         |  |
| Fr 'm point of hip to point of hock  |         |  |
| Weight of forequarters   |         |  |
| Weight of hind quarters  |         |  |

#### MARKET REPORTS.

#### BEEF CATTLE.

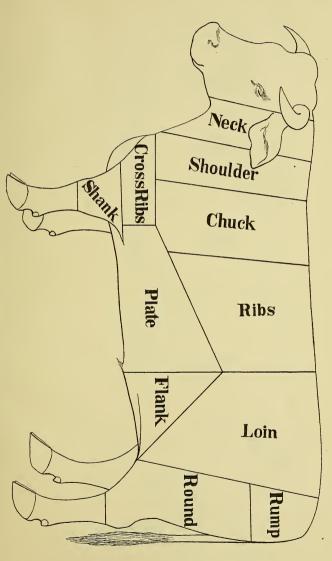
### College of Agriculture of the University of Illinois.

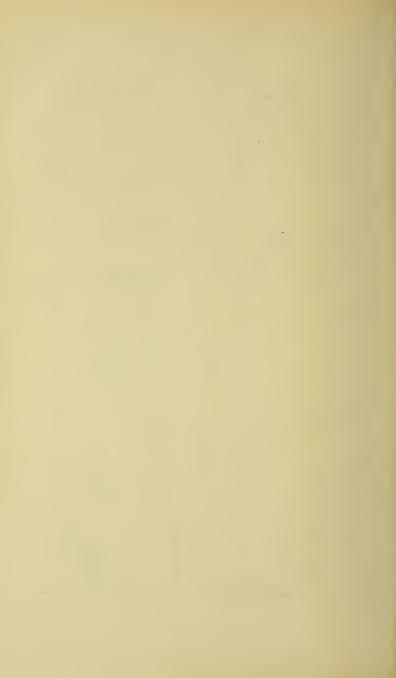
|                      |                            | Prices per hundredweight. |               |                 |            |          |                |
|----------------------|----------------------------|---------------------------|---------------|-----------------|------------|----------|----------------|
| Classes,             | Grades.                    | Mon-<br>day.              | Tues-<br>day. | Wednes-<br>day. | Thurs-day. | Fri-day. | Satur-<br>day. |
| Beef cattle          | Prime steers               |                           |               | -               |            |          |                |
| Remarks:             | Choice steers              |                           |               |                 |            |          |                |
| Kemarks.             | Good steers.               |                           |               |                 |            |          |                |
|                      | Mcdium steers              |                           |               |                 |            |          |                |
|                      | Common rough steers        |                           |               |                 |            |          |                |
|                      | Prime heifers              |                           |               |                 |            |          |                |
| Butcher stock        | Choice heifers             |                           |               |                 |            |          |                |
| Remarks:             |                            |                           |               |                 |            |          |                |
|                      | Good heifers               |                           |               |                 |            |          |                |
|                      | Medium heifers             |                           |               |                 |            |          |                |
|                      | Prime cows                 |                           |               |                 |            |          |                |
|                      | Choice cows                |                           |               |                 |            |          |                |
|                      | Good cows                  |                           |               |                 |            |          |                |
|                      | Medium cows                |                           |               |                 |            |          |                |
|                      | Common rough steers        |                           |               |                 |            |          |                |
|                      | Choice bulls               |                           |               |                 |            |          |                |
|                      | Good bulls                 |                           |               |                 |            |          |                |
|                      | Medium bulls               |                           |               |                 |            |          |                |
| Cutters and canners  | Good cutters               |                           |               |                 |            |          |                |
| · Remarks:           | Medium cutters             |                           |               |                 |            |          |                |
|                      | Common cutters and good    |                           |               |                 |            |          |                |
|                      | canners.                   |                           |               |                 |            |          |                |
|                      | Medium canners             |                           |               |                 |            |          |                |
|                      | Inferior canners           |                           |               |                 |            |          |                |
|                      | Bologna bulls              |                           |               |                 |            |          |                |
| Stockers and feeders | Fancy selected feeders     |                           |               |                 |            |          |                |
| Remarks:             | Choice feeders             |                           |               |                 |            |          |                |
| Remarks;             | Good feeders               |                           |               |                 |            |          |                |
|                      | Medium feeders             |                           |               |                 |            |          |                |
|                      | Common feeders             |                           |               |                 |            |          |                |
|                      |                            |                           |               |                 |            |          |                |
|                      | Inferior feeders           |                           |               |                 |            |          |                |
|                      | Feeder bulls               |                           |               |                 |            |          |                |
|                      | Fancy selected yearling    |                           |               |                 |            |          |                |
|                      | stockers.                  |                           |               |                 |            |          |                |
|                      | Choice yearling stockers   |                           |               |                 |            |          |                |
|                      | Good yearling stockers     |                           |               |                 |            |          |                |
|                      | Medium yearling stockers   |                           |               |                 |            |          |                |
|                      | Common yearling stockers.  |                           |               |                 |            |          |                |
|                      | Inferior yearling stockers |                           |               |                 |            |          |                |
|                      | Good stock heifers         |                           |               |                 |            |          |                |
|                      | Medium stock heifers       |                           |               |                 |            |          |                |
|                      | Common stock heifers       |                           |               |                 |            |          |                |
| Vcal ealves          | Choice                     |                           |               |                 |            |          |                |
| Remarks:             | Good                       |                           |               |                 |            |          |                |
|                      | Medium                     |                           |               |                 |            |          |                |
|                      | Common                     |                           |               |                 |            |          |                |
|                      | 1                          |                           |               |                 |            |          | i.             |

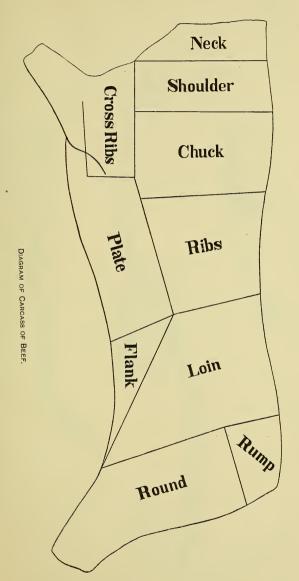
### EFFICIENCY OF MILKING.

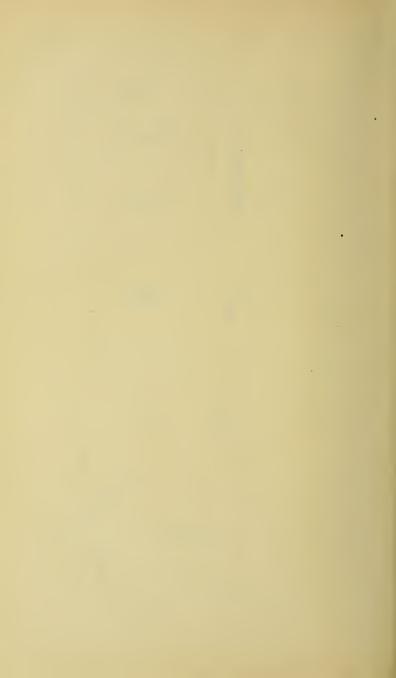
## The Connecticut Agricultural College. a

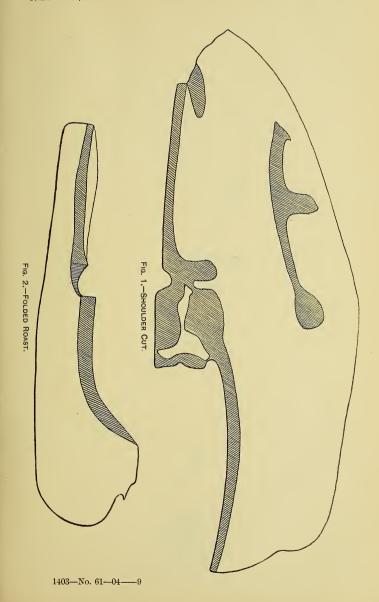
| zno connecticut zzgrioururur conege:           |     |
|--|-----|
| A. 1. Regularity of milking                    | 3   |
| 2. Rapidity of milking                         | 12  |
| 3. Thoroughness of milking.                    | 12  |
| 4. Quietness while milking                     | 3   |
| B. 1. Amount of milk produced by cows.         | 15  |
| 2. Amount of fat produced by cows              | 3   |
|  | 1   |
| 4. Accuracy of recording                       | 1   |
| 5. Accuracy of sampling and Babcock testing    | 10  |
| C. Sanitary milking:                           |     |
| 1. Concerning the milker—                      |     |
| (a) Milker should wear a clean white suit      | 2   |
| (b) Milker must have clean hands               | 2   |
| (c) Milking with dry hands                     | 2   |
| 2. Concerning the cow—                         |     |
| (a) Preparation of the cow for milking         | - 8 |
| (b) Prevention of contamination while milking— |     |
| Wipe flank and udder of cow with damp cloth.   | 2   |
| Reject fore milk                               | 2   |
| Use of covered milk pail                       | 2   |
| 3. Determination of germ content of milk—      |     |
| (a) Number of germs.                           | 20  |
| m 4.1  | 100 |
| Total  | 100 |

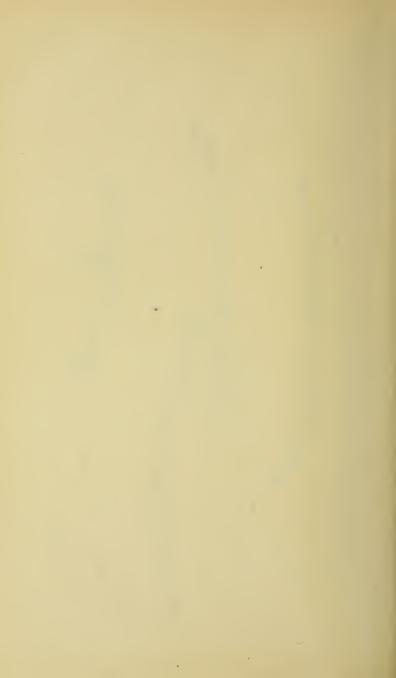












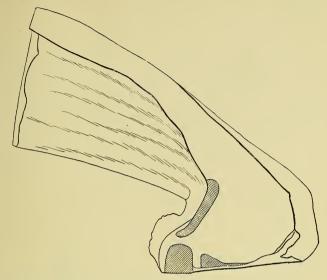


FIG. 1.-SMALL END RIBS.

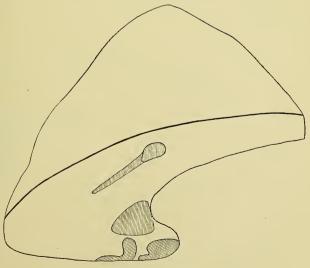
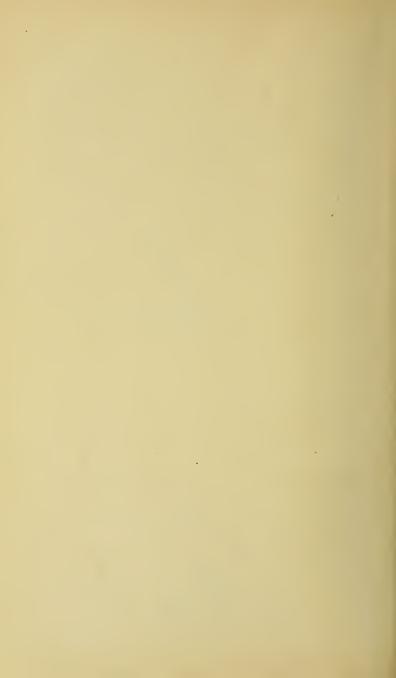


Fig. 2.-LARGE END RIBS.



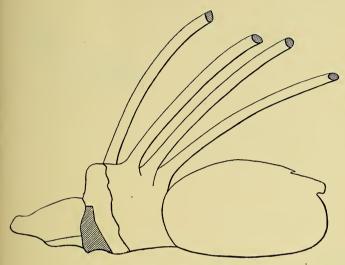


FIG. 1.-ROLLED ROAST.

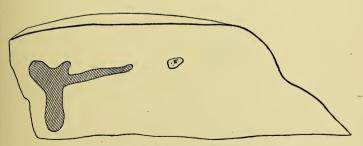
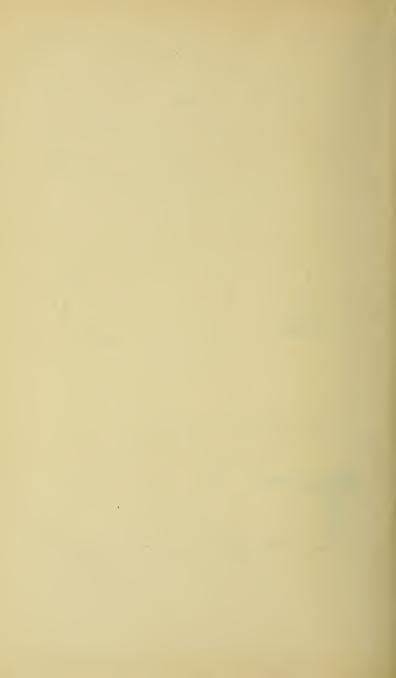


Fig. 2.-Porterhouse STEAK.



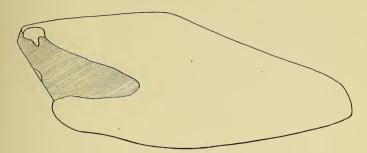
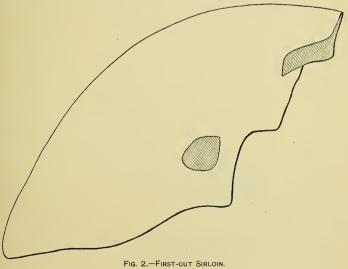


Fig. 1.-WEDGE-BONE SIRLOIN.





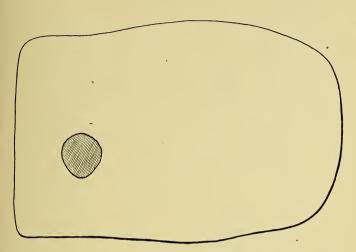


Fig. 1.—FIRST CUT OF ROUND.

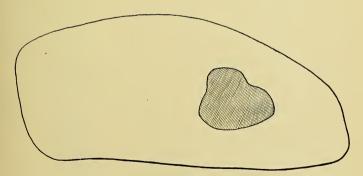
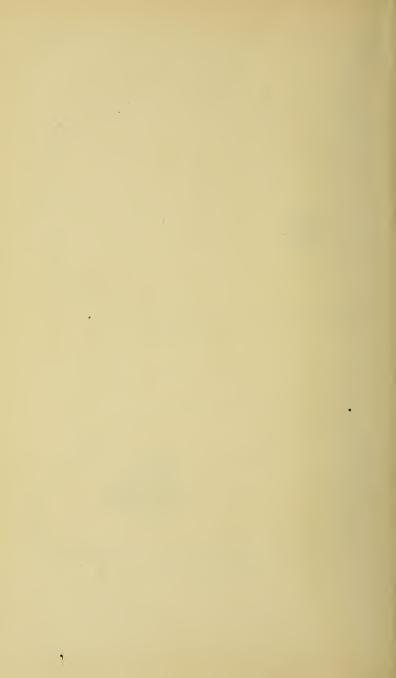


FIG. 2.-LAST CUT OF ROUND.

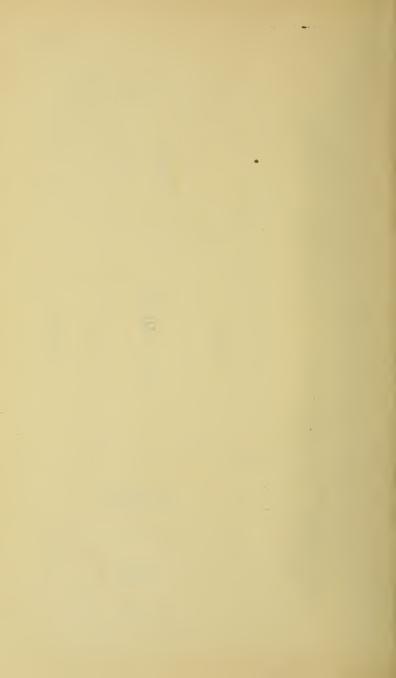


## Ham.

## Back.

## Shoulder.

Head.



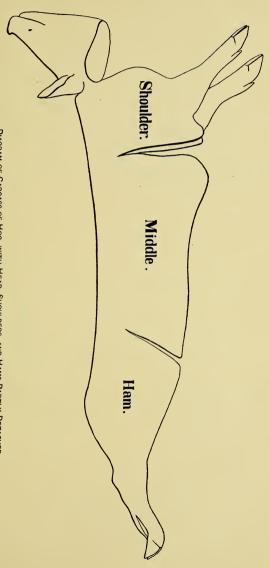


DIAGRAM OF CARCASS OF HOG, WITH HEAD, SHOULDERS, AND HAMS PARTLY DETACHED.



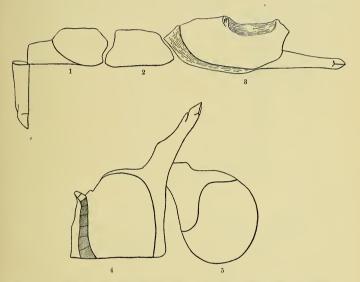
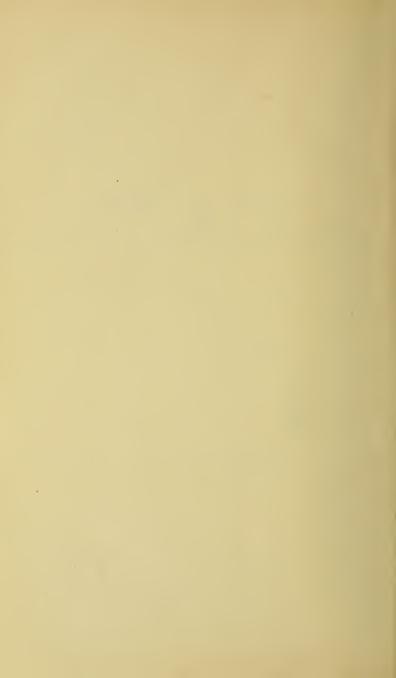


Fig. 1.—California Ham. Fig. 2.—Shoulder Butt. Fig. 3.—Shoulder, Untrimmed. Fig. 4.—Ham, Untrimmed. Fig. 5.—Ham, Trimmed.



BULLETIN No. 61, B. A. I. PLATE XI.

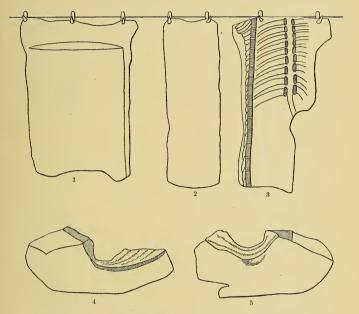
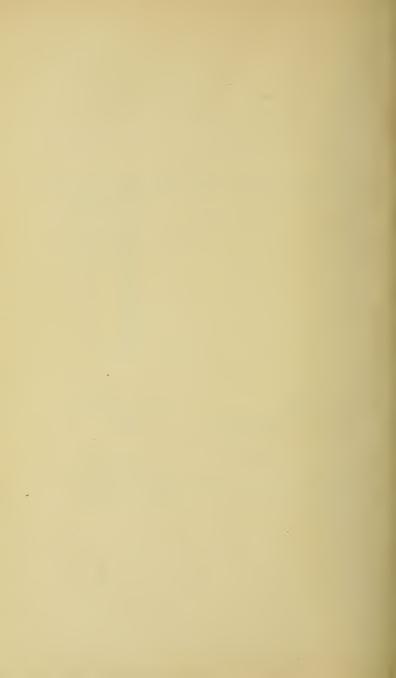
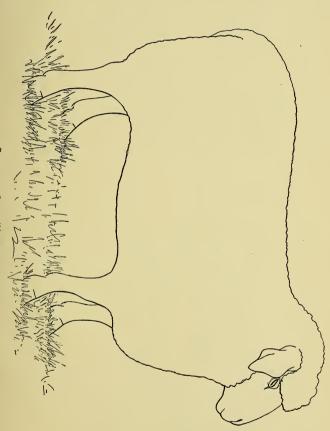


Fig. 1.—Bacon Strip. Fig. 2.—Fat Back. Fig. 3.—Spareribs and Loin. Fig. 4.—Large End of Middle. Fig. 5.—Small End of Middle. 1403—No. 61—04——10









Leg. DIAGRAM OF CARCASS OF MUTTON. Loin. Flank. Breast. Shoulder: Neck.



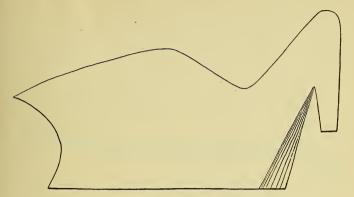


Fig. 1.—SHOULDER, UNTRIMMED.

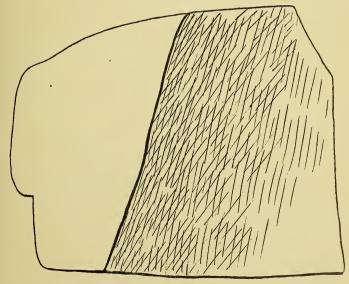


Fig. 2.-Shoulder, TRIMMED.



PLATE XV.

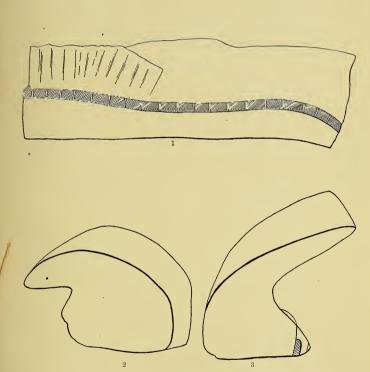
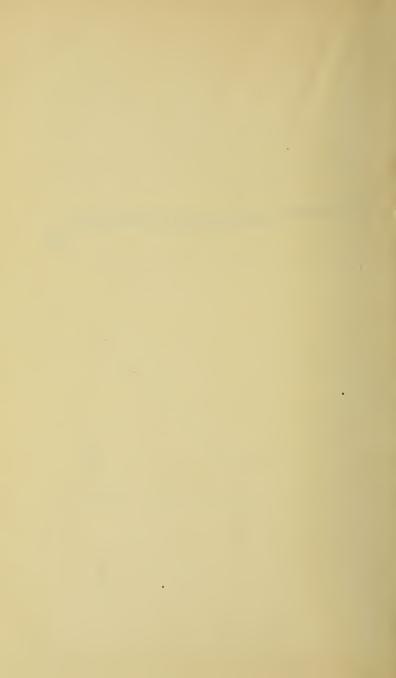
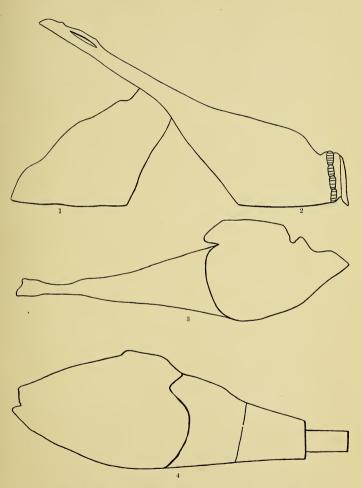


FIG. 1.-LOIN AND RACK. FIG. 2.-LOIN CHOPS. FIG. 3.-RIB CHOPS.



BULLETIN NO. 61, B. A. I. PLATE XVI.



Figs. 1 and 4.—Leg, Trimmed. Figs. 2 and 3.—Leg, Untrimmed.

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