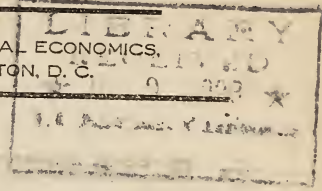


THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.



January 2, 1923.

Vol. 8, No. 1.

"What's Worth Doing Can Be Done."

1. MR. ESTABROOK LEAVES FAREWELL GREETING.

Holiday greetings and best wishes for the New Year from the Associate Chief! For two weeks friends, associates and acquaintances have vied with each other in expressing friendship and goodwill. I appreciate these expressions more than I can say in words.

The spirit of public service is becoming more and more evident in the consolidated Bureau of Agricultural Economics and in the whole Department of Agriculture. My selection for the work of improving the statistical service of a great, progressive foreign country is simply a recognition of the service with which I have been so long identified. The prospect for greater service and usefulness of our bureau is especially bright, even though we are passing through a necessary period of rigid economy in appropriations. The bureau is becoming well knit together; there is need and a growing demand for the kind of service it can render; and under the able leadership of Dr. Taylor and his associates, and with a Secretary of Agriculture who is keenly alive to the importance of developing the economic side of agriculture, the Bureau of Agricultural Economics may be expected to grow in strength, in efficiency, and in prestige.

My experience of nearly twenty years with the department should be an incentive to younger members of the force. Appointed originally through the Civil Service as a stenographer and typewriter at \$1,000, I have never found it necessary to mention the subject of choice of work, salary, advancement, or recognition. These have come automatically and unsolicited. My faith in the theory that conscientious and efficient service would bring recognition and advancement has been fully justified in my own case and in many others that have come under my observation.

I want to thank all my friends and associates for the warm expression of their friendship which to me is a priceless treasure. I shall be keenly interested in the work and progress of the bureau during the coming year and shall not forget the many friends who have manifested their kindly feeling toward me, nor shall I ever forget the royal farewell given to me and Mrs. Estabrook by the Bureau, nor the more intimate farewell of the Division of Crop and Live Stock Estimates. I wish you all a happy and prosperous New Year.

Leon M. Estabrook

Associate Chief of Bureau.

Library, Dept. of Agr.

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2. GRAPHIC SECTION RECORDS LARGE OUTPUT.

Five hundred and fourteen statistical charts and maps for the 1922 and 1923 Yearbooks have been constructed by the Graphic Section during the past ten weeks, and 13 charts varying from 4X5 to 6X7 were made in three days for use at the Chicago meetings.

The graphic representations for the Yearbooks are to accompany discussions on the following subjects: Hogs, dairy products, tobacco, sugar, fruits, small grains, forage crops, mutton and wool, forestry, and the Secretary's reports. Effort has been made to have each graphic representation conform to the best statistical and editorial principles. Editors of the several bureaus have assisted materially by suggestions for improving the editorial aspects of the graphic work. Writers of the articles have aided by submitting their data promptly to the Graphic Section and by cooperating in the standardization program. Many bureaus have assisted in speeding up the work by contributing the services of draftsmen, many of whom with the regular workers in the Graphic Section have frequently returned to work in the evenings.

G. C. Haas gives high praise to all of these workers, and Dr. F. A. Pearson says that the speed and dispatch with which the charts and graphs were prepared was due primarily to the untiring efforts and hearty cooperation of Mr. Haas and Mr. Hainsworth.

3. EXPERIMENTAL MILL TESTS BREAD-BAKING PROPERTIES OF FLOURS.

Methods and formulas required for getting the best results in baking bread from various commercial types of flour, primarily for the use of the housewife, is the subject of a cooperative study by the experimental mill and baking laboratory of the Grain Division and the Office of Home Economics. Types chosen for study are a Minnesota hard spring wheat flour, a Kansas hard winter wheat flour, a Pennsylvania soft red winter wheat flour, and an Oregon white wheat flour. These flours differ widely in their chemical composition and physical properties and although it is known that some difference in treatment is required in baking to produce satisfactory bread, little is understood regarding their individual requirements.

In recent years the hard wheat flours have become popular for bread-making purposes, even in the soft wheat producing sections. A number of soft wheat states, Pennsylvania, Ohio and Indiana, are conducting campaigns to popularize the use of flours made from home-grown wheats. The campaigns are meeting with some difficulty, as the commercial baker and the housewife know little about the differences in handling required by these flours. Students of the subject say that it would be a decided economic advantage if the bakers and housewives could be instructed in the proper methods of handling the different types of flour, so that wheat can be utilized in the producing localities.

4. STEAMER RUGS PRESENTED TO MR. AND MRS. ESTABROOK.

The Washington and field units of the Division of Crop and Live Stock Estimates presented Mr. and Mrs. Estabrook with a pair of steamer rugs on December 21. "I feel that the only return I can make in the coming year is to succeed in my mission and to say that my success is in large part due to the loyal support and efficient service of the men and women who have helped to make the Crop Reporting Service of the United States, with which I have been so long identified, the best of its kind in the world", wrote Mr. Estabrook in a letter of warm appreciation sent to members of the Division through Mr. Callander on Christmas Day.

5. IMPERIAL VALLEY LETTUCE REPORTED DAILY.

During January, February and March daily market reports on lettuce will be issued for the first time from a temporary field station of the Market News Service, located at El Centro or Brawley in the Imperial Valley. W. H. Hall of the Chicago office of the Fruit and Vegetable Division will go to California to conduct the service. Practically all of the operating expenses of this office will be paid by the lettuce growers and the distributors in that district. The distributors estimate that from 14,000 to 15,000 acres of lettuce have been planted in the Imperial Valley this season, from which they hope to ship 5,000 carloads.

6. MECHANICAL SHOPS TO REPAIR TYPEWRITERS.

Beginning January 2, 1923 all repairs to typewriter equipment in Washington offices of the department will be made by the mechanical shops, according to Secretary's Memorandum No. 413 just issued. Requests are made upon usual form of shop request in as specific form as possible. If for any reason it is impracticable to make repairs in the mechanical shops, the mechanical superintendent will make arrangements for the work with outside concerns.

7. TO THE FIELD.

With this issue of The Bureau News, Lecture V by Dr. Scott is being sent to field offices.

8. BRANCH OFFICE DIRECTORY.

DENVER, COLORADO. Add the following office:

Fruit and Vegetable Division Branch Office:
In Charge, Paul A. Cauble
318 State Museum Building, 14th Ave. Sherman St.
Telephone, Champa 6958.

9. IN CONGRESS:

The House of Representatives has finished consideration of the Agricultural Appropriation Bill, but final vote will not be taken upon it until January 3. Hearings are now being held upon the Bill by the Appropriations Committee of the Senate.

S. 799, known as the "Truth in Fabric Bill", has been reported to the Senate from the Committee on Interstate Commerce.

S. 3220, an Act amending sections 2, 5, 11, 12, 15, 19, 29 and 30 of the United States warehouse Act, has been reported from the Committee on Agriculture of the House with amendments and a report, No. 1317.

NEW BILLS:

S. 4220 and S. 4229, by Senator Norbeck, to provide credit facilities for the agricultural and live stock industries of the United States, to amend the Federal Farm Loan Act, to amend the Federal Reserve Act, and for other purposes.

S. 4221, by Senator Johnson, to amend section 439 of the Transportation Act of 1920.

H. R. 13575, to provide seed wheat for the drought stricken area in the State of Washington.

10. IN THE LIBRARY.

Among the accessions to the Bureau Library for the week ending December 29, are:

California. Laws, statutes, etc.

Agricultural statutes of the state of California. Corrected to Nov. 1, 1922
Sacramento, California state printing office, 1922.

Chen Huan-Chang.

The economic principles of Confucius and his school. New York, 1911.
(Columbia univ. Studies in history, economics and public law, v. 44-45,
whole no. 112-113)

France. Ministère de la guerre.

Enquête sur la reprise et le développement de la vie industrielle dans
la région landaise. 2 ed. Bordeaux, G. Delmas, 1917.

International congress of delegated representatives of master cotton spinners'
and manufacturers' associations.

The eleventh International cotton congress... held at Stockholm
June 14, 15, and 16. 1922. Manchester, Taylor Garnet Evans & Co., 1922.

Keynes, J. M.

A revision of the treaty. London, Macmillan and co., limited, 1922.

National industrial conference board.

Wages in foreign countries. New York, The Century Co., 1922.
(Research report no. 53)

Roberts, G. E.

Fall of agricultural prices... New York, 1922.

Secrist, H.

Amounts sold per full-time salesmen in retail clothing stores...
Chicago, 1922.

(Northwestern university. School of commerce. The Bureau of business
research. Publications ser. II, no. 5)

Straits Settlements. Registrar of imports and exports.

Return of imports and exports during the year 1921. Singapore, 1922.

U. S. Tariff commission.

Tariff information series no. 30. Cattle and beef in the United States.
The tariff problems involved. Washington, D. C., 1922.

BUREAU BREVITIES.

11. FOUR COPIES OF ALL MIMEOGRAPHED MATERIAL should be forwarded to Miss Rhodes, Division of Information, as soon as available for distribution. This notice has been given before, but various divisions in the Bureau are failing to comply with the request.

12. CLEANING SPRING WHEAT: necessity, methods, results, are discussed and fully illustrated in Farmers Bulletin 1287 by C. R. Haller and R. H. Black. This bulletin is one of several planned during the Know Your Own Wheat campaign.

13. WEATHER, CROPS, AND MARKETS, for December 23, is the largest issue of that periodical to date. In its 48 pages it contains all the material that formerly appeared in the December number of the Crop Reporter plus the usual weather and market information, the latter including many of the important statistical tables. The material emanating from the Division of Crop and Live Stock Estimates has been kept together and begins on page 552 of the December 23 issue.

14. WEEKLY REPORTS OF THE EXPORTS OF APPLES will be furnished the Washington office by the International Apple Shippers' Association. The Washington office will supply this information to the branch offices.

15. CHANGES IN ROOM ASSIGNMENTS are announced by the Fruit and Vegetable Division as follows: The head office of the Food Products Inspection Service, in which are Mr. Robb, Mr. Hackleman and Miss Robinson, has been moved from Room 501 to Room 522. Inspection tabulating clerks and file clerks, who formerly occupied Room 522, have moved to Room 503, and Mrs. Aylor's room (which also is the mail distributing room) is now 501. Mr. Martin is located in Room 506.

16. MARKETING MILL FEEDS, G. C. Wheeler's recent Department Bulletin 1124 is being reprinted serially in The Dixie Miller.

17. A TENTATIVE LIST OF HOUSE ORGANS issued by or for cooperative marketing associations in America has recently been prepared by the Division of Cooperative Relations.

18. NO SESSIONS WERE HELD last week of the Bureau Council, the classes in the Graduate School of Agriculture, or the Bowling League.

PERSONALS.

To-day brings the Chief and most of the members of the Bureau staff back to their desks, ready for the work of 1923.

Annual meetings of National associations at Chicago, Boston, St. Louis, Detroit, and Ann Arbor were responsible for the absence of many of the leaders of work in the Bureau last week, the larger number going to Chicago. Attendance at the meetings and addresses to be delivered in that city were covered by a comprehensive item in last week's Bureau News.

Lewis G. Michael, Consulting Specialist, arrived in New York City on the S. S. George Washington on December 23 and is expected in Washington tomorrow.

Dr. O. E. Baker, Division of Land Economics, read a paper before the Association of American Geographers Ann Arbor, Mich. on Dec. 27 entitled "The Agriculture of the Great Plains Region."

Dr. G. K. K. Link, Food Products Inspection Service, attended the meetings of the American Society for the Advancement of Science at Boston last week.

Robert H. Black, in charge of the Minneapolis office of Grain Investigations, presented a paper entitled "Removing Dockage from Wheat at the Thrasher in 1922", at the annual convention of the American Society of Agricultural Engineers, in St. Louis, Missouri, December 29. The lecture was illustrated with lantern slides.

Herbert C. Marshall and Miss Mary Emma Griffith, formerly of this Bureau, were married in Syracuse, N. Y. on December 20 and spent the holidays at Zanesville, Ohio.

Albert E. Merker has been reinstated as Assistant Supervising Food Products Inspector in the New York City branch office.

C. V. Maloney, live stock market reporter in charge of the San Francisco branch office of the Division of Marketing Live Stock, Meats and Wool, resigned December 22, to enter the brokerage business in New York City.

Miss Mabel Hemsher, Division of Farm Management, was married on December 22 to D. Darroch of Washington. Mr. and Mrs. Darroch spent the holidays in North Carolina.

J. W. Tapp, Division of Farm Management, has returned from his study of land values in Indiana.

E. E. Conklin will visit Eastern cities during January in an effort to bring about a better understanding of the U. S. recommended grades for various products. From time to time he will return to Avoca, N. Y. to assist in general supervision of shipping point inspection of potatoes.

J. M. Workman, who, when a member of this Bureau, issued our Department bulletin 801: Construction and Fire Protection for Cotton Warehouses, visited the Bureau recently. Mr. Workman has just severed his official connection with State cotton and warehouse work in North Carolina to open an engineering office of his own in Raleigh.

Mrs. E. C. MacRitchie, of the Toledo Office of Federal Grain Supervision, resigned from the bureau December 31.

Miss Gladys Schofield, Division of Property and Supplies, was married to Mr. Maurice Cridlin of this city on December 15. Mr. and Mrs. Cridlin left immediately for Richmond, Virginia, to stay until after Christmas.

Mrs. K. H. Thompson, Division of Cooperative Relations, has resigned to accept a position in the Treasury Department.

J. J. Barrett, recently licensed as a grain inspector at Grand Forks, North Dakota, has been going over the work of the Minneapolis office preparatory to undertaking his new duties at Grand Forks.

J. H. Lister, Cost of Marketing Division, is in Washington to confer with the head of his division on matters pertaining to the cost of marketing live stock. He will resume his work in the Middle West about January 8.

Mrs. Anna Day Wood, of the Food Products Inspection Service at Boston, has been awarded a prize for the best all-around ability in the evening class of advertisement writing conducted by the College of Business Administration of Boston University.

R. L. Francis, Specialist in Cotton Classing, is seriously ill with bronchial pneumonia at his home in Washington.

F. E. Manning, Cost of Marketing Division, has returned from an extended trip to Presque Isle, Maine, and surrounding territory. He expects to resume the work of collecting data on the cost of marketing potatoes, in early January.

Mrs. Dorothy Grant Dick has been reinstated in the field office at Greeley, Colorado, to assist in the preparation of market reports, as during the past four seasons.

William G. Blair and H. B. Richardson spent the greater part of last week in Washington conferring with those in charge of various lines of cotton work. They returned on Saturday to Clemson College, S.C. where they are conducting spinning tests.

After the meetings of the American Farm Economic Association H. M. Dixon left Chicago, to confer with extension officials at the State colleges of Iowa, North Dakota, Montana, Oregon, Nevada and Colorado.

W. V. Stephens has returned to the New York office from Caribou, Me. where he has been supervising shipping point inspection of potatoes. He will handle the inspection of fruits and vegetables for the U. S. Shipping Board.

Miss Clara A. Fryer has returned to the Division of Cooperative Relations, after an absence of four weeks.

Robert L. Kause, Specialist in Cotton Classing, will go to Raleigh, N. C., early this month to conduct a two-weeks' cotton marketing class and to demonstrate the official cotton standards at the short course for farmers given at the North Carolina State College of Agriculture Engineering.

B. L. Perkins, Division of Information, was called to Hinton, W. Va., shortly before Christmas by a death in his family. He is expected back today.

W. R. Thawley, formerly with the Market News Service and now in business at Tulsa, Okla., visited the bureau last week.

Among the members of the Bureau staff who spent the holidays in distant homes are: Misses Mary Lacy in Richmond, Va.; Katharine Rice in Philo, Ill.; Emily Day in Buffalo, N. Y.; Ethelyn Winslow in Reynoldsville, Pa.; Norma Twiss in Smedesboro, N. J.; Bertha Cooke in Charles County, Md.; Robert Bier in Sunbury, Pa.; E. E. Conklin in Syracuse, N. Y.; and H. A. Spilman in Manhattan, Kans. Among those who had holiday vacations at their homes in Washington are: Misses Catherine Viehmann, Grace Leonard, Miriam Vance, Winifred Horne, Charlotte Ellerbrock and Mrs. June Hodkins. Miss Chastina Gardner spent Christmas at Brockport, N. Y., Mrs. Maude Murphy at Trenton and New York, Miss Harriet Smith at Frederick, Md.

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January 9, 1923.

Vol. 8, No. 2.

1. W. F. CALLANDER TO HEAD DIVISION OF CROP AND LIVE STOCK ESTIMATES.

W. F. Callander has been selected to direct the work of the Division of Crop and Live Stock Estimates, the Chief announced today.

2. NAT C. MURRAY APPOINTED CHAIRMAN OF CROP REPORTING BOARD.

Nat C. Murray is to succeed Mr. Estabrook as chairman of the Crop Reporting Board, Dr. Taylor said at the Bureau Council meeting yesterday morning. This announcement was made in connection with the showing of a colored photograph of Mr. Estabrook in his flower-bedecked office the day of the farewell reception. The photograph, the Chief said, would be hung in the crop reporting board room, so that Mr. Estabrook might continue to look down upon the board and that Mr. Murray might work under the spell of the former chairman.

3. LOUIS G. MICHAEL OUTLINES AGRICULTURAL SITUATION IN DANUBE BASIN.

"Although Rumania has doubled her area and has doubled her wheat acreage, she has not increased her exportable surplus nor has she increased her supply," says Louis G. Michael, Consulting Specialist of this bureau, who arrived in Washington January 4. Mr. Michael has been investigating the agricultural situation in the Balkan States for the past 14 months and in his studies has visited Rumania, Hungary, Czechoslovakia, Austria, Jugoslavia, Bulgaria, Italy, Spain, France and England.

The peasants of the Danube Basin of Europe are eating more of the wheat which was formerly exported, according to Mr. Michael. "Greatly reduced consumption of wheat in Western Europe may somewhat offset the drop in the world's exportable surplus of wheat of more than 9,000,000 bushels in this basin" Mr. Michael states. The breaking up of former large wheat areas into small general-purpose farms, the low fixed price for wheat and the tendency toward increased live-stock production are the chief reasons assigned by Mr. Michael for the large drop in wheat exports from this region.

The history of Rumania has an important bearing on her agriculture, Mr. Michael pointed out. He continued "Formerly Rumania was a great wheat exporting country, 59.3 per cent of production going to Western European markets to compete with American-grown grain. This export of grain was possible only because wheat bread eating was restricted to city populations and the upper classes, who consumed about 792 pounds per capita per year. Had the peasants consumed a like amount of wheat there would have been little for shipment abroad.

"The fact that the peasant is eating bread is causing a revolution throughout Southeastern Europe that extends even into Middle Europe. This revolution is better known as the land reform. The peasant, brought to a realization of his power by the great war, demanded enough land on which to produce a decent living for his wife and children. His demand was a threat and he got the land.

"The drop of about 9,000,000 bushels exportable wheat in the Danube basin alone is a serious matter for those nations, especially Rumania, which depended upon wheat more than any other product to keep its money at par. But when one considers that these governments were not of the people, but were of, for and by the ruling class, and when one realizes that the peasant, the common man, is better off today than he has ever been before, one can not help but feel that the time has come for the governments to adjust themselves to the new order.

"Czechoslovakia followed by Bulgaria is making rapid adjustments and Jugo-Slavia is a close third. Hungary, Rumania and Austria have been slower in realizing the changed conditions. But in any case of adjustment, the vast areas devoted to wheat production in the Danube basin are becoming things of the past. They are being replaced by small general farming units with fields of fodder, beets, forage, and, in some places, corn replacing wheat. In the far southeast, barley and oats are the favorite substitutes for the chief bread cereal.

"To some extent, wheat will regain a portion of its lost area in years to come, but this gain will be proportionately small. We can expect that, when conditions have reached their post-war normal, the exportable wheat excess of the Danube basin will be from 8,000,000 to 9,000,000 bushels below the prewar average of these territories."

4. SPACE CHANGES IN ADMINISTRATIVE OFFICE.

Lloyd S. Tenny, Assistant Chief, has moved into room 723, the large office formerly occupied by Mr. Estabrook. W. A. Schoenfeld is now occupying room 700. H. F. Fitts will move into room 702, while 701 will be furnished for the use of consulting specialists who are called to Washington from time to time. At present, Louis G. Michael is occupying it.

Miss Charlotte M. Ellerbrock will act as Mr. Tenny's secretary, and her desk will remain in the administrative office, room 720. Mrs. Kathryn L. Swain, secretary to Mr. Schoenfeld, will also be located in room 720. Mrs. Mary E. Perry, who has been Mr. Tenny's secretary, will work for the research group in the Division of Crop and Live Stock Estimates under the direction of W. F. Callander.

5. HAY INSPECTION SERVICE NOW UNDER WAY.

More than fifty inspections of hay according to Federal grades were made during the first week the grades were effective - January 1-6. These inspections were made by Federal inspectors at Chicago, Richmond, Va., and Auburn and New York, N. Y.

6. RADIO MEETING NEEDS, WRITES HUNDREDS OF FARMERS.

"We 'Hill-billies' out in the 'sticks' look upon radio as a blessing direct from God" reads one of 307 letters received during the past few days from farmers, county agents, bankers, merchants and others all over the country in response to the request broadcast from all stations that the department be advised regarding the value of its radio news service.

That farmers are benefiting by this bureau's crop and market reports broadcast daily by various agencies cooperating with the bureau is indicated by the vast number of letters of appreciation and thanks which continue to reach the Radio Section. Each of the four daily mails brings an average of thirty letters to J. C. Gilbert's desk, and each of these letters testifies to the fact that the interest in radio is increasing.

A farmer living in Benton County, Ind., writes "For the love of Mike don't stop it. Living as I do way out here, that is the main reason I paid \$200.00 for a receiving set." A county agent states "Farmers in Jersey County, Ill., are being greatly benefited by these market reports." County banks advise that reports received and posted by them are eagerly scanned by their farmer clients. In some cases, a special form has been devised by banks for use in handling the reports to farmers.

The voluminous and favorable response to our first radio questionnaire, no doubt accounts for the unusually broad smile J. C. Gilbert is wearing today.

7. AT THE BUREAU COUNCIL.

Louis G. Michael was introduced to the council, and during the thirty minutes allotted him, gave an interesting account of his studies in the Danube Basin. He sketched the history of agriculture in that area and spoke of the agricultural situation, which is covered in a previous item.

Chris L. Christensen, who had come to the meeting as a listener, was called upon by the Chief to outline briefly the work he has been doing in Scandinavian countries. In the short time allotted, Mr. Christensen told of the situation in which the Danish farmer finds himself today in a way that stimulated a desire to learn more about his studies abroad.

Through the cooperative marketing of butter, bacon and eggs, the three principal exports, Denmark has not experienced any agricultural crisis, as yet, Mr. Christensen said. Not only has the Danish farmer been receiving relatively higher prices for his products than in 1914, but he had managed to lower his cost of production. Although Danish exports to the British Isles decreased 95% to 65%, because England is taking Colonial dairy products, Denmark counteracted this loss through a wider distribution of her butter on the continent, Mr. Christensen pointed out. Because of the high quality of the bacon and eggs, Denmark has managed to retain her favorable position in the British market.

J. Clyde Marquis made an appeal for clear-cut statements from commodity experts on the agricultural situation.

8. SIR HORACE PLUNKETT IN BUREAU OBTAINING DATA.

Sir Horace Plunkett has been commissioned by his Government to make a study of the things which have been done in the United States in the last decade for the betterment of agriculture in this country. As much of the information he desires is available in this bureau, arrangements have been made for him to occupy room 703, Bieber Building, which will be his headquarters while working in the Department of Agriculture.

9. FARM ECONOMIC LOCAL MEETS TOMORROW.

Dr. W. J. Spilman will address the District Chapter of the American Farm Economic Association on Distribution of Types of Farming in the United States, tomorrow, Wednesday, January 10, at 4:30 in the Conference Room of the Bieber Building. All members are urged to attend this first meeting of the new year and all friends are cordially invited.

10. CENTER MARKET DEALERS CONSIDER COOPERATIVE ADVERTISING.

About 100 dealers of Center Market met with Messrs. Tenny, Marquis and Kitchen last Tuesday to consider the possibilities of cooperative advertising of their products. Ways and means of attracting more attention to the market and improving its trade through advertising was discussed. After talks by Messrs. Tenny and Marquis, the dealers appointed a committee to consider the question of advertising and to meet with representatives of the press with a view to arranging for local publicity.

11. WOOL GRADES RECEIVE FURTHER ENDORSEMENT.

In an editorial on our wool standardization program, the American Sheep Breeder and Wool Grower states that it endorses the activities of the department and the wool grades, which it believes to be acceptable and practicable, and urges that every wool producer get behind our wool marketing program and give it their individual and collective endorsement.

The following paragraph concludes this rather lengthy editorial:

"The one big point is this: a big piece of work has been undertaken which five years ago it was universally said was impossible of accomplishment. Today we have the realization of what was then one man's imagination, and while probably, it may not be perfection, yet it is the best piece of work along this line which has ever been presented and accepted for our guide in establishing uniform practices and common terminology in wool grading."

12. ANOTHER OPINION FAVORABLE TO GOVERNMENT RENDERED IN EXCESS WOOL PROFITS CASE.

That the Government has a right to sue to recover excess wool profits was sustained in the case of the United States vs. S. E. Avery, a wool dealer at Syracuse, N. Y., when Judge Cooper of the U. S. District Court

at Albany, recently denied the defendant's motion to dismiss the complaint.

Many other wool cases are pending. To date, all opinions in excess wool profits cases have been favorable to the Government.

13. MR. SHERMAN APPOINTS COMMITTEES TO HANDLE WORK IN HIS DIVISION.

For the purpose of developing research work in the Division of Fruits and Vegetables, W. A. Sherman, Specialist in Charge, has appointed a committee composed of A. D. Miller, chairman, H. W. Samson, F. G. Robb and E. W. Stillwell. This committee is charged with the consideration and development of (1) a sales survey of the city markets of the United States, particularly those in the Middle Atlantic States where an intensive survey is desirable; and (2) a study of the methods pursued by city dealers in financing the production of fruit and vegetable crops in specialized districts. O. D. Miller has been assigned to this work.

As a committee on publications for his division, Mr. Sherman has appointed A. D. Miller, chairman, G. B. Fiske, and H. J. Clay. Mr. Sherman has indicated that he wishes this committee to consider and develop the commodity subjects which may be ready for presentation in commodity bulletins; to push the preparation of these bulletins, and to handle the details leading to publication which must be attended to in his division.

14. WAREHOUSE DIVISION HAS MOST SUCCESSFUL YEAR.

In commending the staff of the Warehouse Division for achievements during the past year, H. S. Yohe, in charge, said in a letter to heads of branch offices and project leaders of that division:

"It does not seem to be overstating it when I say that last year was the best year in the history of the warehouse Act. It was the best year in more ways than one. First, it stood out as a year of accomplishment in the licensing of more warehousemen than in any other year; second, in the licensing of warehousemen of greater responsibility than in other years; and, third, it is evident that during the past year leading bankers in different parts of the country have taken a more active interest in the warehouse Act than ever before."

"But", he continued, "we cannot and do not want to rest on past accomplishment. We have hardly made a beginning. The year 1923 ought to duplicate the past year. We ought to and we can strike into new fields. We ought to and we can increase our activities in old fields. I am sure we can confidently count on 100 per cent support from the administrative offices of the bureau."

15. NEW PROCEDURE TO BE FOLLOWED BY BRANCH OFFICES WHEN REQUISITIONING SUPPLI

Requisitions for supplies for use in branch offices will, after January 15, be requested on Form AE-88. The use of Form BM-38 will be discontinued. The pink sheet (88a) should be used for the ribbon copy, one carbon made on the green sheet (88b) and two on the buff sheets (88c), making four copies to be sent to the Washington office. A third carbon on the buff sheet should also be made and retained tentatively in the branch

office files. Distinction should be made between items shown in the Bureau Stock List as being available for immediate shipment from the Section of Property and Supplies in Washington and items that are not so shown, separate requisitions being prepared for each class. In other words, any articles desired that are not included in the Bureau Stock List should be ordered on a separate requisition. The latest Stock List issued is that of February 22, 1922. Each branch office should number its requisitions serially.

The requisitions should be forwarded, as at present, to the Washington office of the division where they will be approved and initialed by the division leader or head clerk and forwarded to the Section of Property and Supplies without being recopied. If the requisition is for supplies carried in stock, it will be filled immediately and one buff copy mailed to the branch office, notation being made of how shipment is going forward and any necessary changes in the list of supplies. The Section of Property and Supplies will promptly enter on the remaining copies the prices of the articles furnished and an estimate of the transportation charges, and the completed buff copy will be forwarded to the branch office and the completed green copy to the division office in Washington for their files. Immediately upon receipt of the completed buff copy and the supplies by the branch office, the preliminary buff copy which was mailed at time of shipment should be signed and returned to the Washington office of the division. The Washington office will in turn transmit the receipted copy to the Section of Property and Supplies.

If the requisition is for equipment or supplies which must be purchased for delivery direct from the contractor, the Section of Property and Supplies will prepare the purchase order on Form E-77, two copies of this order (77d and 77e) being sent to the branch office and a third copy (77c) to the Washington division office. When delivery of the supplies has been completed, the buff copy (77e) should be receipted by the branch office and returned to the Washington division office which will in turn transmit it to the Section of Property and Supplies. The green copy (77d) may be retained for the branch office files.

By this arrangement the necessity of recopying branch office requisitions and the maintenance of stock rooms by the Washington division offices will be eliminated and it is believed that a decided economy in operation will be effected.

16. ANNUAL CALL FOR DISPOSITION OF USELESS DOCUMENTS.

Division and project leaders, and others charged with the care of filed material of any kind, are called upon to report to the Committee on the Disposition of Useless Documents, Lewis B. Fidor, Chairman, not later than January 31, whether they have any documents of no further use and of which disposition should be made. It has developed that much material which obviously should have been reported a year ago as of no further use has but recently been so reported. Emergency cases, usually arising from the need of file space, are considered at any time by the committee.

It is particularly important as a matter of general economy to relieve the filing equipment of the bureau of material that is of no further value or use. Careful consideration should be given to all material now

January 9, 1923.

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in the files so that any and all that is of no further use may be considered for disposition. Recommendations to the committee should sufficiently describe for identification, each kind of material to be disposed of, and a sample of each should accompany the recommendation.

17. MEMORANDUMS TO THE FIELD.

Office of the Secretary Memorandum No. 417, transoceanic shipments and Memorandum No. 418, suspending the provisions of Memorandum No. 415, regarding the submission of transportation accounts to the General Accounting Office for direct settlement, are being sent to field offices with this issue.

18. BRANCH OFFICE DIRECTORY.

FORT WORTH, TEXAS. Add the following office:

Marketing Live Stock, Meats and Wool Division,
In Charge, Sterling Emens,
503 Moore Building.

19. IN CONGRESS.

H. R. 13481, the Agricultural Appropriation Bill has passed the House and has been reported to Senate from the Senate Appropriation Committee.

New Bills:

S. 4249 by Senator Williams to amend "An Act for the retirement of employes in the classified civil service."

S. Res. 389 by Senator Norris, directing the Federal Trade Commission to investigate the proposed merger of the Armour and Morris Meat Packing Companies.

S. 4262 by Senator Ladd, to provide for stabilizing the prices of certain farm products.

S. 4280 by Senator Capper, to provide credit facilities for the agricultural and live stock industries.

H. R. 13671 by Mr. Langley, to authorize an appropriation to enable the Secretary of Agriculture to purchase and distribute valuable seeds.

20. MANUSCRIPTS SUBMITTED BY THE BUREAU IN DECEMBER.

The following manuscripts were submitted to the Assistant Secretary during December:

Gardner, Chastina: Agricultural Cooperation: Its Historical Background and Development. For Department Bulletin.

Meadows, W. R. and Blair, W. G: Comparative Spinning Tests of Superior Varieties of Cotton. For Department Bulletin.

Palmer, Arthur W: Classification of American Cotton. For Department Bulletin.

Articles have been approved for publication in the following periodicals:

Sherman, Caroline B: Progress in Standardization Problems. For Journal of Home Economics.

Viehmann, Catherine M: Why Bankers Favor Federal Warehouse Act. For the Northwestern Banker.

21. IN THE LIBRARY.

Among the accessions to the Bureau Library for the week ending January 5, 1923, are:

American Cranberry Exchange.

Crop season of 1921. New York, American Cranberry Exchange [1922]

Burritt, M. C.

The county agent and the farm bureau. New York
Harcourt, Brace and Company. 1922. (The farmers'
bookshelf, ed. by K. L. Butterfield)

Filsinger, E. B.

Commercial traveler's guide to Latin America. Rev.
ed. 1922. (U. S. Bureau of Foreign and Domestic
Commerce. Miscellaneous series, No. 89)

Malcolmson, V. A.

The place of agriculture in the life of a nation.
London, [1922]

La Nacion.

Un homenaje al Brasil, en la fecha de su primer
centenario, 1822 - 7 de septiembre - 1922.
Buenos Aires, La Nacion [1922]

Narlian, C. A. H.

Flour milling costs. New York, 1922. (National
Association of Cost Accountants. Official publications.
v.3, No. 15, May 1, 1922)

- National Association of Cost Accountants. Research Dept.
A bibliography of cost books. New York, 1921.
(National Association of Cost Accountants. Official
publications. v.2, No. 10, April, 1921)
- New Zealand. Registrar-general's office.
Agricultural and pastoral statistics... for the season
1921-22. [Wellington N. Z.] 1922.
- Official Hotel Red Book and Directory.
The Official Hotel Red Book and Directory Company, 1922.
New York, 1922.
- Scotland. Board of Agriculture.
Report to the Board of Agriculture for Scotland on
home industries in the Highlands and islands.
Edinburgh, H. M. Stationary off., 1914.
- Togoland.
Report on the British mandated sphere of Togoland
1920/21. [1st.] London, H. M. Stationery off.,
1922.
- U. S. Shipping Board Emergency Fleet Corporation.
Volume of United States Trade, 1921. 1922.
(U.S. Bureau of Foreign and Domestic Commerce.
Miscellaneous series No. 112)
- White, R. D.
Salmon canning costs. New York, 1922. (National
Association of Cost Accountants. Official publica-
tions. v.3, No. 21, August 1, 1922)

BUREAU BREVITIES.

22. FARMERS' TELEPHONE COMPANIES form the subject of Farmers' Bulletin 1245 just issued. Organization, financing and management are discussed in detail by Mrs. I. M. Spasoff and H. S. Beardsley.
23. CARBONS OF ARTICLES FOR OUTSIDE PUBLICATION, together with the slip granting permission to publish and any prior or subsequent correspondence about the article, must be filed through the central bureau file room, in order that the manuscript files of the Bureau may be kept complete.
24. REGULATIONS GOVERNING THE INSPECTION OF HAY, and definitions and limitations for United States grades for hay are contained in two mimeographed

circulars prepared and distributed by the Division of Hay, Feed and Seed.

25. THE EDITOR OF BUREAU OF NATIONAL LITERATURE, NEW YORK CITY, Bertram Benedict, was a visitor to the bureau January 2.

26. IN THE BOWLING LEAGUE. Agricultural Economics won two games from Plant Industry, and Farm Management lost two games to Accounts last Wednesday night.

PERSONALS.

W. A. Wheeler, in charge of the Division of Hay, Feed and Seed, and J. C. Gilbert, in charge of the radio section of the Division of Information, will attend the Radio Standardization Conference called by the Bureau of Standards, at New York City, January 12. This conference will consider the standardization of radio materials, equipment and practices. After the conference, Mr. Wheeler will return to Washington, and Mr. Gilbert will proceed to Albany, where on January 19 he will address the ninety-first annual meeting of the New York State Agricultural Society on the use of radio in obtaining market and crop information on the farm. He will also visit Boston and Philadelphia conferring with officials there relative to improving radio programs.

J. Clyde Marquis, Director of Information, left Washington yesterday afternoon for Lafayette, Ind., where tonight he will speak at the farmers' short course on aids for the farm business. In his address, he will discuss the utilization of market news as a basis for determining production and marketing programs. He will also arrange for a test in radio broadcasting in Indiana in cooperation with the radio department of Purdue University under the direction of G. I. Christie, Director of Extension for Indiana. Mr. Marquis is expected back in Washington tomorrow.

"Wool Grades and Grading" is the subject of the address to be delivered by G. T. Willingmyre, Specialist in Wool Standardization, before the fifth annual meeting of the Maryland Sheep Growers' Association, at Frederick, Md., January 10.

H. W. Samson will speak on United States standards for potatoes before the New Jersey State Potato Association at Trenton, January 18.

W. C. Davis, of the Live Stock, Meats and Wool Division, left Washington January 8 for Boston, New York and Philadelphia where he will confer with local representatives relative to investigations pertaining to the marketing of meats. Mr. Davis will also inaugurate a meat grading service at New York City for the Shipping Board.

Nelson R. Crow, formerly in charge of the Live Stock, Meats and Wool office at Los Angeles, resigned December 31 to become part owner and editor

of Farm and Ranch Market Journal of Los Angeles. E. W. Baker, who has been on an extensive field trip in the interest of the Live Stock, Meats and Wool Division, is temporarily in charge of the Los Angeles office until the vacancy can be filled.

C. A. Burmeister, Investigator in Marketing Live Stock and Meats, who has been in California gathering information on the methods and costs of marketing live stock, reached San Antonio, Texas, January 2. Mr. Burmeister will visit several points in the South before coming to Washington.

J. A. Becker, of the Division of Crop and Live Stock Estimates, who attended the meetings of the American Statistical Association and American Farm Economic Association at Chicago last week, and read and discussed a paper prepared by Mr. Estabrook on "The Use of Crop Statistics by Farmers", has returned to Washington.

F. G. Robb, left last night for Cincinnati, where he will attend the annual meeting of the National League of Commission Merchants, January 9-12. He will also attend the meeting of the Western Fruit Jobbers at Chicago, January 15-17, and on January 17 will speak on the shipping point inspection service, before the members of the American Fruit and Vegetable Shippers Association who are also meeting at Chicago.

Mordecai Ezekiel, of the Division of Farm Management, has gone to St. Paul, Minn., where he will be stationed until June 1. He will work in cooperation with the Divisions of Agricultural Economics and Farm Management of the University of Minnesota in the study of farm management and cost of production problems.

S. W. Mendum, after attending the meeting of the American Farm Economic Association at Chicago, visited the University of Wisconsin, and conferred with the officials concerning cooperative work carried on with the University in the cost of producing milk, and farm organization problems connected therewith.

Miss Mabel G. Darcey, of the Division of Farm Management, resigned December 31, to be married the latter part of this month to Earl D. Strait, who was also formerly connected with that division. Miss Darcey entered the Office of Farm Management in 1915 as clerk, and shortly afterward was made supervisory clerk in the Section of Farm Organization. She has had direct supervision of twelve clerks in the tabulating and summarizing of data from schedules obtained in the field and has been responsible for the classifying and filing of 20,000 to 30,000 field and office farm business analysis records and tabulations.

Mr. Strait came to the Office of Farm Management in 1913. He was in charge of the farm business analysis survey on cut-over lands in Western Washington and the farm business analysis and cost-of-production-of-wheat study in the Palouse area of Washington and Idaho. He resigned July 1 last to accept a position with the Federal Land Bank at Springfield, Mass.

W. A. McKenna, of the Warehouse Division, has returned from Boston, where he spent the Christmas holidays. Last week he was in New Bedford, Mass., making a subsequent inspection of the warehouse of the New Bedford Storage and Warehouse Company.

J. H. Cain, of the Atlanta office of the Division of Crop and Live Stock Estimates, who was recently operated on for appendicitis, is reported to be recovering.

F. J. Hughes, Administrative Assistant, who has been confined to his home during the past week with an attack of La Grippe, is expected back at his desk tomorrow.

W. P. Barbot, of the New York office of the Division of Cotton Marketing, was in the Washington office January 4 to 6 and conferred with Mr. Meadows and others regarding the classification work at New York.

Miss Katharine G. Rice, of the Division of Information, is ill with influenza at her home in Philo, Ill., where she went to spend the Christmas season.

Nils A. Olsen, in charge of the Farmer's Seed Loan Office, at Grand Forks, N. Dak., was in Washington recently conferring with the Advisory Seed Loan Committee on various matters pertaining to the handling of Federal seed loans. He also attended the meeting of the Agricultural History Society at New Haven, Conn.

Miss Josephine V. Pfaff, of the Division of Statistical and Historical Research, left for Denver, Colo., January 7, where she will assist Frank Andrews for several months in the correspondence and statistical work of the Denver office of the Division of Crop and Live Stock Estimates.

George Gaus has been transferred permanently from the New York office of the Division of Cotton Marketing to Washington.

Harold C. Slade, of the Division of Cotton Marketing, returned to Washington January 3 from New York where he assisted the Board of Cotton Examiners in the classification and certification of cotton.

Miss Anna Dewees, Division of Statistical and Historical Research, returned to the office last Friday after a week's absence on account of illness.

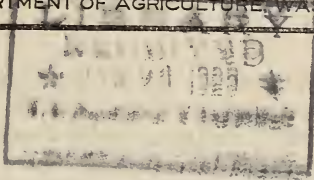
D. W. Foley, Head Clerk of the Division of Information, has been absent for the last three days on account of illness.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

January 16, 1923.

Vol. 8, No. 3.



1. AGRICULTURAL APPROPRIATION BILL PASSES SENATE.

The Agricultural Appropriation Bill passed the Senate January 13. The Appropriations Committee of the Senate added \$273,600 to the item for Market News Service and \$10,000 to the Administration of the U. S. Grain Standards Act above the amounts provided in the House bill. No changes were made in the items of this bureau on the floor of the Senate. The bill now goes to the Committee of Conference of the Senate and the House.

2. SIR HORACE PLUNKETT CONFERS WITH BUREAU WORKERS.

Sir Horace Plunkett, Irish authority on cooperation who is well-known in this country because of his wide acquaintance with agricultural leaders, has been spending the past week in conference with the staff of the Department of Agriculture. Much of the time he has been conferring with workers in the Division of Agricultural Cooperation.

In discussing the organization of cooperative enterprises before a group of members of the bureau staff last Friday afternoon, Sir Horace said:

"Today there are considerably over a thousand cooperative societies in Ireland. I haven't the latest figures, but I think I am right in saying that in the war years their business turnover was about \$70,000,000, and that is very remarkable, because the people who take part in this movement are nearly all the poorer farmers on very small holdings. You wouldn't call them farms at all in this country. They are more what is called laborer's allotments in England. That business turnover, by which I mean business done through cooperative societies instead of being done individually, was very remarkable."

In order to develop the agricultural community, Sir Horace stated "We are convinced that you must look upon farming from three points of view. First, you must consider it as an industry, and into the industry you must try to import the teachings of modern science. Secondly, you must regard it as a business, and into the business you must import modern business methods. Thirdly, you must regard it as a life, and you must try -- however it is to be done, you must try -- to build up on the farms of the country a life which will set up attractions of its own that will resist the lure of the city. The brief formula that we have adopted (we always call it Mr. Roosevelt's formula though we gave it to him) is: Better Farming, Better Business, Better Living."

The lecture is to be mimeographed and distributed with a forthcoming issue of The B.A.E. News.

3. STATISTICAL COUNCIL NAMED.

A statistical council has been appointed by Dr. Taylor to discuss problems of a statistical nature arising in the work of the bureau. W. A. Schoenfeld is chairman and other members are: Nat C. Murray, O. C. Stine,

Dept. of Agr.

4 J

H. R. Tolley, W. F. Callander, F. A. Pearson, J. A. Becker, C. R. Chambers, G. C. Haas, S. A. Jones, L. A. Adams and B. E. Smith.

At the preliminary meeting held January 10, it was decided that future meetings be held the first and third Wednesday of each month. These conferences are held in the crop reporting board room at 3:00 of the appointed days.

4. PHILADELPHIA EXCHANGE ADOPTS FEDERAL HAY GRADES.

The Commercial Exchange of Philadelphia at its annual meeting, January 9, adopted the United States grades for hay, to become effective January 22. Arrangements have already been made for a Federal Hay Inspector to be stationed at Philadelphia to make inspections at any time.

5. REPORT ON SECOND PIG SURVEY JUST ISSUED.

More than 200,000 replies to questionnaires distributed and gathered by rural mail carriers last month in taking the second semi-annual pig survey, have been received by the Division of Crop and Live Stock Estimates. The results have been tabulated and a report was issued on January 11 which indicates that there will be a probable increase in the number of spring pigs. The report will appear in a forthcoming issue of Weather, Crops and Markets.

6. STATISTICIANS FROM COTTON STATES TO MEET.

Agricultural Statisticians of the Cotton Belt States will meet in Atlanta, February 2 and 3 to consider the work of crop estimating in those States and to lay plans for the year 1923. Dr. Taylor, H. R. Tolley, W. F. Callander, Nat C. Murray, J. A. Becker, S. A. Jones, and C. E. Gage, all of the Washington office, are scheduled to attend. Dr. Taylor will address the statisticians, emphasizing the importance of close cooperation with other units of the bureau. The tentative program now being prepared includes a discussion of schedule revision for 1923 by Mr. Murray; a statement regarding how reports to Washington should be prepared by Messrs. Becker, Murray and Jones; a general discussion of the live-stock reporting work, including new developments in Central and Western States and possible expansion of the work in Southern States by Mr. Callander; price reporting by Frank Parker; Cooperation by H. M. Taylor and Frank Parker; methods of estimating losses due to the boll weevil by D. A. McCandless; and methods of estimating acreage by Messrs. Murray, H. M. Taylor, Becker, Hare, Gist, Pettet, Parker, Schutz and Jones. Special Southern crop estimating problems will be considered, and the application of statistical methods to crop estimating will also be discussed.

Each statistician will be called upon for a statement of plans for this year.

While in the South, Mr. Callander will visit the offices of the statisticians of Alabama, Mississippi, Louisiana, Texas and Oklahoma.

7. NEWS TO HAVE NEW FEATURE.

The Library Supplement, which is distributed with this issue, is a new feature of The B. A. E. News. It is designed to be the medium of communication between members of the staff and the library, and will be issued from time to time in connection with our house organ. In it, Miss Mary G. Lacy, Librarian, will give notes of accessions of special interest, describe special parts of the library collection and will outline the type of service the library is prepared to render. Comment on this first supplement and suggestions as to changes that might make it more useful will be welcomed by Miss Lacy.

8. WESTERN STATISTICIANS TO CONFER AT DENVER.

Arrangements are now being made for a conference of Western statisticians at Denver, February 12 and 13 to outline plans for the live-stock reporting work for the coming year. W. F. Callander will represent the Washington office at this conference.

9. WEEKLY CONFERENCES HELD BY COST OF MARKETING STAFF.

Various problems arising in connection with particular lines of work of the Cost of Marketing Division are discussed by the members of the staff at weekly conferences, arranged by A. V. Swarthout, in charge. In this way members of the staff of the division become familiar with the many lines of work carried on by the division.

Conditions encountered by J. H. Lister in gathering figures from co-operative live-stock shipping associations in Corn Belt States were described by him at the first of these meetings held last week. At the second conference, F. E. Manning, who spent several months in the potato producing section of Maine, gave an interesting talk about methods of marketing potatoes. He also discussed the use of heated cars for shipments in sub-zero weather and spoke of other features of the potato industry as it exists in a highly specialized form in Aroostook County.

W. P. Hedden, Research Agent, who in cooperation with the Port of New York Authority is conducting studies of the cost of handling fruits and vegetables at New York terminals, will discuss his work at the next meeting.

10. CHICAGO DAIRY PRODUCTS OFFICE TAKES THE CAKE.

Although the Bureau does not recognize Nick Fennema, in charge of the Chicago Dairy Products Office, and his assistants as cake inspectors, experience and a special fondness for good cake qualifies them to give expert testimony as "cake eaters." At least, this is what a catering firm at Colorado Springs thought when it recently sent them a pound cake, fruit cake and plum pudding. The firm states it derives much benefit from the Government reports on butter and eggs, and because of careful selection of eggs for storage, it has had great success with the use of such eggs.

In acknowledging what Mr. Fennema termed "one of the pleasantest surprises of the season", he said, "Not only was the cake itself thoroughly

appreciated but your thoughtfulness greatly encourages us to put forth renewed strength to make our service more valuable to you and others who use it."

11. AT THE BUREAU COUNCIL.

C. L. Christensen gave the second talk in the series before the Bureau Council on his study of cooperation in the Scandinavian countries. Yesterday, he, as Dr. Taylor aptly expressed it "put Denmark on the map."

Denmark has no laws on cooperation, but education and rural culture is the fundamental basis on which the cooperative movement rests. This movement was an economic necessity designed to meet the demand of a new marketing situation, Mr. Christensen said. The need of standardized, high-quality agricultural products, prompted the Danish peasants in 1832 to form the first cooperative dairy, and this, Mr. Christensen stated, was the first real step in the direction of agricultural cooperation in Denmark.

L. G. Michael spoke on the agriculture of Czecho-Slovakia, in connection with which he gave a number of figures comparing pre-war and post-war acreages of the principal cereal crops, - wheat, rye, barley, and oats. He said that wheat acreage is about the same as before the war, but acreages of other principal crops have decreased. Crop and live-stock statistics are available in fragmentary form only, and such as are available do not represent the true status of agriculture, because peasants fearing that their stock or cereals might be requisitioned by the government, failed to make accurate reports, Mr. Michael pointed out. The influence of large estate agriculture is lost and Czecho-Slovakia now has a peasant agriculture.

12. ACCEPTANCE OF INVITATIONS TO SPEAK SHOULD HAVE CHIEF'S APPROVAL.

Members of the staff who are called upon to make addresses or who are thinking of attending meetings requiring travel to various parts of the country are asked to notify the executive office in order that duplication and unnecessary expense may be avoided.

13. DR. SPILLMAN DISCUSSED DISTRIBUTION OF TYPES OF FARMING.

Factors that determine the distribution of the various enterprises were discussed and illustrated by the distribution of the various enterprises as shown on a chart, when Dr. W. J. Spillman appeared before the local chapter of the American Farm Economic Association last Wednesday. The factors, Dr. Spillman divided into three groups: first, physical factors such as soil and climatic conditions; second, biological factors such as insect pests and fungous diseases; third, economic factors, the most important of which he said are value of a product per pound, distance to market, competition between different regions in the production of the same product, and competition between different crops for the same land. The agriculture of each group of States was explained by means of these factors, and Dr. Spillman arrived at the conclusion that in a general way at least the agriculture of every section of the country is what it is largely because of the operation of these factors.

14. CLERICAL EFFICIENCY REPORTS DESIRED BY JANUARY 23.

Distribution has been made of the forms to be used for reporting the efficiency of clerical and subclerical employes for the period May 15 to November 15, 1922. The reports to be rendered will differ somewhat from those covering the previous six months' period, the rating being based upon certain well-known factors which enter into the efficiency of employes under the two general headings of "Quantity of Work" and "Quality of Work". The individual forms contain detailed instructions with reference to the assignment of percentage ratings to these various factors and the determination of a net percentage rating on general efficiency for each employe.

Officers who are doing the rating are requested to expedite the handling of the reports as much as possible, so that each division may assemble and deliver them to the Personnel Section by January 23.

15. FIELD OFFICES REQUESTED TO SEND IN LEAVE SLIPS.

Field Offices are requested to send in all leave slips for 1922. The yearly statement to the Time Clerk of the department must be submitted the end of this month, and slips of employes in the field are desired at once by Miss E. B. Johnson, the Time Clerk of the bureau, in order that she may complete her records for the year and prepare the necessary report.

16. MEMORANDUM TO THE FIELD.

"Collaborator" and "Cooperator" are defined in Office of the Secretary Memorandum No. 414, copy of which is being sent to field offices with this issue.

17. IN CONGRESS:

S. 4280 and S. 4287 providing credit facilities for the agricultural and live-stock industries; were reported out of the Committee on Banking and Currency with reports 993 and 1003 respectively thereon.

S. 4281, to appropriate \$500,000 for seed grain to be supplied to farmers in crop-failure areas of eastern Washington, was reported by the Senate Committee without amendment.

S.J. Res. 265, to stimulate Crop production in the United States, was reported out of the Committee without amendment.

NEW BILLS:

S. 4306 introduced by Senator Dial, to further regulate the trading in future contracts of agricultural products.- To the Committee on the Judiciary.

H. R. 13758, by Mr. Sinnott, to amend section 5, of an act entitled, "An Act to provide for stock-raising homesteads," approved Dec. 29, 1916. To the Comm. on Public Lands.

S. 4324, by Senator Harrison, to amend "An Act to authorize Association of Producers of Agricultural Products," - to the Committee on Agriculture and Forestry.

13. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending January 12 are:

Andrews, Frank.

New live stock estimates valuable to industry... (In the Denver daily record stockman. Annual stock show ed. 1923. 34th year No. 1, Jan. 2, 1923. p.114)

Bank of New Zealand.

Annual report... 1921/22 and Report of proceedings at the annual meeting of proprietors 1922. Auckland, Wilson & Horton, 1922.

California. Dept. of Public Works. Division of land settlement.

Introduction to 1st biennial report... [1920/21-1921/22]
Sacramento, Cal., California state printing office, 1922.

Canada. Dominion of Statistics. External trade branch.

Summary trade of Canada, 1919/20-1920/21. Ottawa, 1922.

Committee on social and religious surveys.

Sedgwick County Kansas; a church and community survey, by Benson Landis. New York, George H. Doran company [1922]

Cox, A. B.

Intermediate-time credits for agriculture... Austin, Tex., 1922. "Reprinted from the Southwestern political science quarterly, vol.III, No. 2, September, 1922."

Fisher, Irving.

The making of index numbers... Boston and New York, Houghton Mifflin company, 1922.

Harris, M. D.

A social and industrial history of England... London and Glasgow, Collins' clear-type press [1922?]

Joint committee on potato marketing.

Marketing New Jersey potatoes. Preliminary report by the Joint committee on potato marketing representing the College of Agriculture and Agricultural Experiment Station, Department of Agriculture, Federation of County Boards of Agriculture of the State of New Jersey... Trenton, N. J., New Jersey Federation of County Boards of Agriculture, 1922.

Ostrolenk, B.

Social aspects of the food surplus in the United States. Menasha, Wis., 1922.

Taylor, Henry Charles.

Economic work of the United States Department of Agriculture in connection with pomology... (In Proceedings of the American pomological society, 23th convention, 1921. Columbus, O., 1922. p.29-39).

U. S. Congress. House. Committee on Appropriations.

Agricultural appropriation bill, 1924. Hearing. Washington, Govt. print. off., 1922.

U. S. Government printing office.

Style manual of the Government printing office. Washington, D. C., 1922.

U. S. Laws, statutes, etc.

Tariff act of 1922, with index. H. R. 7456... Washington, Govt. print. off., 1922. (67th Cong., 2d sess. House Doc.393)

Welbourne, E.

A social and industrial history of England... Modern times. London and Glasgow, Collins' clear-type press [1922?]

Wilson, Sir James.

The world's wheat in November, 1922. Liverpool, The Northern Publishing Co., 1922.

BUREAU BREVITIES.

19. "MILK DEALERS! WHAT DOES IT COST YOU TO DO BUSINESS? If you don't know, the following data may help you." is the title of the leaflet prepared by the Cost of Marketing Division for distribution at the National Dairy Show, which was reprinted in full on the first page of the December issue of The Western Milk Dealer and Dairyman. The important paragraphs are printed in bold face type and the general effect of the article is such that the reader is given something to think about.

20. BROADCASTING SCHEDULES OF MARKET REPORTS BY RADIO are listed in a mimeographed circular just issued by the Radio News Section. It gives the name and call letters of stations all over the country which broadcast market

and crop reports. The nature of the reports, the sources, time of transmission and type of transmission are also indicated. While the schedule is not complete, it is the most accurate that can be prepared from the information available, and will be revised from time to time as new data are received. Copies of this circular may be obtained from W. J. Holbrook, room 704, Bieber Building.

21. TYPES OF FARMING COMMITTEE appointed by The Spring Wheat Council, of which Dr. O. E. Baker is chairman, has made its initial report to the Assistant Secretary. Copies of the report which is mimeographed may be obtained from Dr. Baker.

22. THE FRONT PAGE STORY IN THE FEATURE SECTION of Sunday's Star entitled "Feeding the Capital" was written by Frank George of the Division of Information. This article was announced by The Star in advance and is the basis for advertisements placed by that paper in local papers of Virginia and Maryland.

23. "THE ORGANIZATION OF STATE MARKETING AGENCIES" is the title of a mimeographed pamphlet prepared by J. C. Gilbert. The organization charts, which form the major part of the pamphlet, were worked out from data provided by the State marketing officials. Copies may be obtained from W. J. Holbrook, room 704, Bieber Building.

24. THE SECOND REPORT on the number of cattle and sheep on feed has been issued by the Division of Crop and Live Stock Estimates. The first report, which was issued December 13, attracted considerable attention.

25. DR. G. F. WARREN, from Cornell University, visited the bureau yesterday and conferred with the Chief.

26. IN THE BOWLING LEAGUE. The Bureau of Agricultural Economics won two of the three games from the Secretary's Office, and Farm Management won two from Soils, last Wednesday.

PERSONALS.

W. A. Schoenfeld and A. V. Swarthout will visit the Maryland Agricultural College at College Park, Md., this afternoon to confer with Prof. Bomberger relative to cost of marketing studies.

At the request of Alexis L. Clark, Chief of the New Jersey Bureau of Markets, W. A. Schoenfeld will meet with members of the State bureau, representatives of the State Chamber of Commerce, the Port of New York Authority and the New Jersey State College at Trenton, January 22 and 23.

W. C. Davis, of the Live Stock, Meats and Wool Division, is in New York City where he is inaugurating a meat grading service for the benefit of the Shipping Board in accordance with the standards prepared in this bureau. Mr. Davis is rewriting the Shipping Board specifications on the basis of the bureau's market classes and grades for meats. When completed, the

specifications will be printed in pamphlet form and copies sent to meat dealers when bids are requested. Tentative arrangements have been made to start grading work in New York City next Monday.

W. A. Wheeler, in charge of the Division of Hay, Feed and Seed, expects to leave tomorrow for Ithaca, where he will confer with representatives of the agricultural college and extension department of Cornell University relative to hay grading and inspection work. He will go to Syracuse to attend the meeting of the New York State Grain and Hay Dealers Association on January 19. This association will consider the adoption of the Federal grades. Mr. Wheeler will also visit New York City to confer with New York and New Jersey State officials regarding cooperative market news work.

Charles E. Gage, In Charge of the Field Service of the Division of Crop and Live Stock Estimates, inspected the field office of the Agricultural Statistician at Baltimore last Friday.

J. S. Dennee, Agricultural Statistician for Maryland and Delaware, was in Philadelphia the early part of last week arranging with the Pennsylvania Railroad for a compilation of railroad shipments of live stock by States for the last three years. Mr. Dennee has been successful in getting similar records from the Baltimore and Ohio.

C. L. Harlan, who is in charge of the live stock reports of the Division of Crop and Live Stock Estimates for the Corn Belt Area, will come to Washington about January 17 to assist in preparing the annual estimate of numbers and value of live stock on farms.

Frank Parker, Agricultural Statistician for North Carolina, stopped in Washington for a day last week on his return from a trip to some of the other field offices of the division.

F. E. Manning, Cost of Marketing Division, returned to Presque Isle, Me., January 10 to continue his investigations of the cost of marketing Maine potatoes.

John H. Lister and W. M. Carpenter of the Cost of Marketing Division left Sunday for points in Ohio. Mr. Lister, assisted by Mr. Carpenter, will continue the study of the cost of marketing live stock in the Corn Belt States.

R. H. Wilcox, in Charge of the Cost of Production Division, has returned from a visit to the University of Illinois, Purdue University, Ohio State and the University of Kentucky where he conferred with the chiefs of the sections of farm management and farm economics regarding cooperative cost work.

Miss Anna E. Lodge, secretary to R. H. Wilcox, is at St. Francis Hospital, Hartford, Conn., recovering from an operation for appendicitis.

William R. Meadows, in charge of the Division of Cotton Marketing, left Washington January 14 for New York City to consult with the architect of the new cotton exchange building regarding the erection of the skylight on the exchange building.

Arthur W. Palmer, of the Division of Cotton Marketing, left Washington for New York City, Sunday night to investigate cotton marketing conditions.

Roy L. Gillett has been transferred from the Bureau of Soils and appointed Assistant Agricultural Statistician in cooperation with the State of New York. He will assist the Agricultural Statistician in the preparation of reports concerning crop and live stock estimates.

R. Eugene Blair has been appointed Agent in cooperation with the State of California. He will serve as assistant to the Agricultural Statistician at Sacramento, Calif.

Ernest Gordon Parker, of the Washington Office of the Division of Cotton Marketing, has been transferred permanently to the New York office to serve as a member of the Board of Cotton Examiners.

C. W. Hauck, of the Fruit and Vegetable Division, left Washington last week for his Southern trip designed to further the use of the bureau's recommended grades for various truck crops. He will visit points in Florida and other Southeastern States, returning to Washington the latter part of February. Robert Bier will join Mr. Hauck in Florida about February 1.

E. W. Stillwell, in charge of the market news service on fruits and vegetables, left Washington today for Chicago, to attend the conventions of the fruit and vegetable trade being held there this week.

J. D. Evers, of the Philadelphia staff of the Fruit and Vegetable Division, is in Washington for two days preparatory to his going to Sanford, Fla., to take charge of the branch office there.

W. H. Hall, of the Chicago office of the Fruit and Vegetable Division, has gone to the Imperial Valley, California, for the purpose of opening a temporary field station on lettuce at El Centro. There is a very large acreage of lettuce in the Valley this season, probably in excess of 14,000 acres, and it is expected 5,000 carloads will be distributed. If the field station is opened, practically all expenses will be paid by the growers and distributors in that section.

W. J. Bertush is in temporary charge of the market news on fruits and vegetables at Chicago during Mr. Hall's absence.

F. M. Lyle has been transferred from New York to Washington to handle the inspection of fruits and vegetables here for an indefinite period.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

January 23, 1923.

Vol. 8, No. 4.

1. BUREAU REPRESENTED AT NEW ENGLAND AGRICULTURAL CONFERENCE.

To outline a concise ten-year program for agriculture in New England was the main objective of the New England Agricultural Conference held at Boston, January 16-18. J. Clyde Marquis, Director of Information, who represented this bureau, reports that the meeting was one of more than ordinary significance since it is one of the substantial results of the National Agricultural Conference held at Washington last January. Following the plan of the national conference, general and commodity committees were designated, which, with two exceptions, presented at least tentative reports.

One of the greatest results of the conference, according to Mr. Marquis, was that a group of business men had been impressed with the importance of the common interests between New England agriculture and manufacturing enterprises.

Closer coordination between agriculture, commerce and industry was recommended by a committee, Mr. Marquis states. The outstanding proposal of this committee was that steps be taken to form a continuation body which would lead to other conferences between agriculture, commerce and industry, and the formation of what may be called a New England Board of Agriculture, which would take up the regional problems of New England agriculture.

The committee on education presented an excellent survey of the various educational agencies, while the committee on finance emphasized that there is no serious credit problem in New England at present. The several committee reports presented the basis for the ten-year program for New England agriculture which will be formulated in detail by the general committee assigned to that task.

"I heard only favorable mention of the department and our bureau where its work was understood," Mr. Marquis said, "but far too many in that area are not acquainted with the services which we might give them. More effective methods of distribution of our information must be developed in that region."

2. AT THE BUREAU COUNCIL.

The secret of success of Danish cooperation is attributed by C. L. Christensen, who again addressed the council in an interesting and instructive way, to the fact that Danish farmers have studied the English market and having learned what English consumers prefer are now producing butter, eggs and bacon to meet English demands.

In outlining the organization of the cooperative egg societies, of which there are 560 local units making up the central society, Mr. Christensen said that this central society is characterized by a form of strong, central organization, and the local societies are obligated to meet its

strict regulations as to delivery pledge and rigid quality demand. The central society issues weekly quotations upon which prices to the locals are based, and examines, sorts, grades and packs the eggs at its own packing houses, and in general conducts all selling operations. Mr. Christensen also pointed out that each local society has a number and each member in the local has a number, both numbers appearing on all eggs marketed by the central agency. If, for any reason, an egg does not come up to its guaranteed quality, it may be reported to the central organization which will trace the egg to the producer and heavily penalize him for delivering an egg below the standard of quality.

The guarantee of a standardized, high quality product, supplied regularly, prompts the English merchants to handle Danish eggs, as well as butter and bacon, at a lower rate of commission than similar products from other countries.

Pigs are kept on all farms in Denmark, according to Mr. Christensen, who also pointed out that the number of pigs kept is largely regulated by the amount of skimmed milk returned from the creamery to the farmer.

In 1887, the first cooperative bacon factory was established in Denmark. Today there are 46 such factories, each with an average membership of 3,600 farmers and slaughtering 30,000 to 100,000 hogs a year. Membership in these cooperative societies is limited to farmers who are producing and delivering hogs of the Danish bacon type, which is a cross between the native breed and the English Yorkshire.

Twenty-one years ago, 8 of these cooperative plants formed a central selling society, known as "The Danish Bacon Company, Ltd." London, to perform the functions of agents and English wholesalers. This number has increased until today 17 of the 46 Danish bacon factories consign their bacon to their own wholesale house in England. The other 29 societies sell independently through their own agents in England. These agents sell direct to English wholesalers. Sales are made on the Danish Bacon Exchange, London, where the agents and wholesale merchants meet each Wednesday. Danish bacon is usually consigned direct from Danish factory to English wholesaler.

3. EMERGENCY ROOM NOW FITTED UP.

Room 304-A in the building at 200 Fourteenth St., S.W., has been equipped by the bureau as an emergency room and is now available for the use of any employe, man or woman, who is ill. This room, which has recently been set aside for this purpose, is just across the bridge which connects the 200-Fourteenth-St. Building with the Bieber Building. It is furnished with a white iron bed and necessary equipment for first aid.

The room will be open until 2 p.m. each day, and when the regular attendant leaves at this hour, she will turn over the key to Miss Nelson in room 300 of the 200-Fourteenth-St. Building, from whom it may be obtained until 4:30 p.m.

Through the efforts of welfare workers of the bureau, this room has been set aside and equipped for emergency use in sickness. As stated above, it may be used by any member of the bureau during official hours, and later, if necessary, but at the same time employes should exercise care in avoiding

misuse of the room and equipment. The room will serve the bureau in the same capacity as the emergency room located in the Main Building serves the department. Mrs. Estelle C. Johnson, who is in charge of the room in the Main Building, will be available for service when special attention is needed by anyone in this bureau.

Cabinets containing first-aid medical supplies are also located in rooms 618 and 303 of the Bieber Building.

Volunteers who would be willing to furnish the use of their automobiles in emergency for taking ill employes home or to hospitals, please advise Miss L. E. Rixey, room 303, Bieber Building.

4. ADDITIONAL FAVORABLE COURT DECISIONS RENDERED IN EXCESS WOOL PROFITS CASES.

Judgment for \$3,119.93 with interest from May 26, 1921, was given in favor of the Government when Judge Scott of the Northern District of Iowa on January 11 overruled the demurrer filed by the defendant in the excess wool profits case of the United States vs. Strange Bros. Hide and Fur Co., of Sioux City, Iowa, and tried the case on the facts.

Another judicial opinion upholding the right of the Government to collect excess profits made on wool handled during 1918 under Government control was filed on January 8 by Judge Morton of the United States District Court in Boston, in the case of the United States vs. R. E. Smith. This decision of Judge Morton, by agreement of counsel, applies to three similar cases pending in the Boston court.

On January 10, in the United States District Court at Springfield, Ill., judgment was rendered in favor of the Government in the trial of the case of United States vs. F. M. McGowan Co., resulting in the collection of excess wool profits amounting to \$4,233.

At present there are 77 cases involving \$810,000 awaiting the collection of excess wool profits. Of this amount \$676,000 is to be collected from distributing center dealers, of which \$623,000 is payable by 8 of the 25 dealers whose cases have not been settled. Country dealers, who bought direct from growers, owe the Government \$135,000 in excess profits, of which \$95,000 is due from 6 of the 52 dealers whose cases are pending.

The total excess profits made by dealers on wool handled during 1918 amounts to nearly one and one-half million dollars. A little less than one-half of this amount has been collected to date. Three-fourths of the balance due will have to be collected through the courts.

There were approximately 5,000 country dealers handling wool in 1918, of which 993 made excess profits. Of the 173 larger dealers who concentrated the wool and sold direct to the Government, 72 of them made excess profits, 25 of whom have not yet made settlement.

As rapidly as collections are made from dealers, the money is being distributed to the growers of the wool. The refunds from the excess profits paid by a large distributing center dealer often goes to all parts of the country, because the wool was gathered by numerous smaller dealers who bought direct from growers in the various States.

5. BUREAU RIFLE CLUB IS A RECREATIONAL UNIT.

The Bureau of Markets Rifle Club met Wednesday, January 17, when the following officers for 1923 were elected: President, M. H. Hess; Vice President, M. R. Cooper; Secretary-Treasurer, J. E. Barr; Executive Officer, John H. Cox. This club was chartered by the National Rifle Association of America in 1916 and the enthusiasm already displayed by the members points to 1923 as its most successful year.

For winter shooting the indoor range at the Marine Barracks will be made available to the club one night each week if enough members show a desire to participate.

The outdoor range at Congress Heights probably will be opened early in April, when, according to Secretary Barr, real shooting will begin. Springfield rifles with free ammunition and an opportunity to qualify and win recognition from the National Rifle Association as a marksman, sharpshooter or expert rifleman should appeal to all lovers of the sport.

Membership is not limited to persons in the bureau or the department. One Dollar entitles you to a membership card for the year 1923, which carries with it free admittance to both the indoor and outdoor ranges. There are no further costs connected with the club. Membership cards may be had from the Secretary, J. E. Barr, Room 414, Bieber Building, who asks, "Can you beat this for economy in recreation?"

6. IN ONE OF OUR OFFICES DAY BY DAY WE COOPERATE IN A NOVEL WAY.

"Butter, Butter, who's got the butter" is a sequel to the nursery game of "Button, Button, who's got the button" according to Harrison F. Fitts, Assistant in Regulatory Work in the Office of the Chief. After a little detective work on the part of several members of the bureau, it developed that the two pounds of butter intended for Mr. Fitts were delivered to the desk of Sir Horace Plunkett, the Irish authority on cooperation, who presumably thought the "gift" was further evidence of our interest in cooperation. It is hoped that Sir Horace did not learn of his mistake as to our motives, especially since it was too late to salvage the butter which he had given to a "flunky" at the Cosmos Club.

When Secretary Wallace learned of the incident, he wrote Mr. Fitts a note saying "Permit me to express my appreciation of the exceptional courtesy you extend to guests of the department who come in contact with you. I am sure such treatment will make us even more popular."

7. SIR HORACE PLUNKETT'S LECTURE BEING DISTRIBUTED.

With this issue of The B. A. E. News, a copy of Sir Horace Plunkett's address before a group of members of the bureau staff, is being distributed. Early last week Sir Horace left the bureau, where he was collecting data on cooperation.

8. DEPARTMENT JUNIORS TO ENTERTAIN.

Basketball and revelry, jazzy dance and gayety, will mark the first entertainment to be given by the Department of Agriculture Junior Improvement Association. The big event takes place the evening of February 21 at Center Market Auditorium.

"Anybody can 'collegiate' or 'cake' it in step with those melody boys," one messenger was heard to tell another in referring to the orchestra which has been engaged for the occasion.

The basketball game is to be played between a team composed of messengers in the Bureau of Agricultural Economics and a team made up of messengers from all other bureaus of the department, the latter team to be known as the "All-stars." However, when "Agricultural Economics" gets in action the other team will see stars, according to those who know the playing qualities of our boys.

In addition to the Secretary and Assistant Secretary, Dr. Taylor and Mr. Tenny are very much interested in the work the association is doing for the boys. They are anxious to render every assistance in the furtherance of the activities of the association. Accordingly, a committee composed of Messrs. Marquis, Edler, Hughes, Snow and Rohrman, of this bureau, and Mr. Cronin, of the Assistant Secretary's office, has been appointed to assist the boys with the arrangements for the game and dance.

President Arthur Anholt states that tickets at 25 cents each will go on sale at an early date. Need anyone be urged to come and root for "Agricultural Economics"?

9. TICKETS FOR DEPARTMENT MOVIES NOW AVAILABLE.

The first exhibition this year of Department of Agriculture motion pictures will be shown in Central High School auditorium the evening of Monday, January 29. Tickets may be secured this week from C. F. Duvall, Acting Chief Clerk.

To pay the expenses of this exhibition, which can not be met from department funds, small contributions will be accepted from recipients of tickets. R. M. Reese, Chief Clerk of the Department, suggests that five cents for each ticket is a reasonable sum, but states that this is not to be construed as a charge for the tickets because tickets will not be refused to any employe because of unwillingness to make a contribution.

10. BUSY BEES REWARDED WITH HONEY.

Several different classes of honey, all attractively wrapped and contained in a Christmas surprise package, was received last week at the Fruit and Vegetable Division, which issues honey market reports. The box sent by a firm at Medina, Ohio, contained individual and larger portions of comb and extracted honey, a piece of beeswax, and a tin of "Cream of Honey."

11. PLACING ARTICLES ON WINDOW LEDGES PROHIBITED.

Placing milk bottles and other articles on the outside of window ledges of buildings occupied by the department is prohibited, according to a memorandum from R. M. Reese, Chief Clerk of the department. Mr. Reese says that "the practice, besides being unsightly, involves an obvious danger to persons on the street or entering buildings should the articles fall or be blown off."

12. CHANGE IN ADMINISTRATIVE HANDBOOK.

In article 124 of the Administrative Handbook entitled "Motor Vehicles", the provision for lettering motor vehicles should be altered by eliminating the reference to numbering. The numbering of motor vehicles of the bureau is no longer practised.

13. IN CONGRESS:

The Agricultural Appropriation Bill is now before the Conference Committee: Conferees on the part of the Senate are Senators McNary, Jones of Washington, Lenroot, Overman and Smith, and on the part of the House, Congressmen Anderson, Magee, Wason, Buchanan, and Lee of Georgia.

S. J. Res. 265, to appropriate \$10,000,000 to be used as directed by the President for the procuring and disposing of nitrate of soda and calcium arsenate for the purpose of increasing agricultural production during calendar year 1923, was passed by the Senate. It has been referred to the Committee on Agriculture in the House.

S. 4324, by Senator Harrison, to amend "An Act to authorize Association of Producers of Agricultural Products," was reported out of the Committee without amendment and report 1025 was submitted thereon.

S. 4287, providing credit facilities for agricultural and livestock industries. - Senator Norbeck submitted a minority report which was ordered to be printed as part 2 of report 1003.

S. 4280 known as the Capper bill and which provides for increase of rediscount facilities at Federal reserve banks and for the formation of rural credit corporations, passed the Senate. The amendment proposed by Senator Dial to this bill failed. Senator Dial's amendment aimed to amend the U. S. cotton futures Act.

NEW BILLS:

- S. Res. 405 by Senator George. That the President be requested to purchase under the provisions of S. J. Res. 265 passed by the Senate January 13, the 28,000 tons and such other excess nitrates now held by the War Department. - To the Committee on Agriculture and Forestry.
- H. J. Res. 420 by Mr. Stevenson, to stimulate crop production in the United States was referred to the Committee on Agriculture.
- H. R. 13771 by Mr. Knutson, to regulate commerce in certain agricultural products, and for other purposes, was referred to the Committee on Agriculture.
- H. R. 13306 by Mr. Towner, to provide credit facilities for agricultural and live-stock industries of the United States; to amend the Federal Farm Loan Act; to amend the Federal Reserve Act, and for other purposes, was referred to the Committee on Banking and Currency.
- H. R. 13378 by Mr. McFadden, to amend last paragraph of section 10 of the Federal Reserve Act as amended by the act of June 3, 1922; - to the Committee on Banking and Currency.

14. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending January 19 are:

- British Australian Wool Realization Association, Limited.
Report and statements of account, 1921. Melbourne, London 1922 1st annual report.
- Bullinger, E. W.
Bullinger's postal and shippers guide for the U. S. and Canada, 1923. New York, E. W. Bullinger, 1923.
- California Fruit Growers Exchange.
Annual report of the general manager... 1921/22. [Los Angeles, 1922.]
- Chicago Union Stock Yard and Transit Co.
... Annual live stock report; 57th, 1922. [Chicago, 1923]
- Denver Union Stock Yard Co.
Annual live stock report, 37th, 1922. [Denver, 1923]
- Fort Worth Stock Yards Co.
Annual report, 21st, 1922.

Himely, H. A.

Estimate of the sugar crop of Cuba of 1922-1923. Havana,
Dec. 21, 1922.

Howarth, O. J. R.

The world about us; a study in geographical environment.
London, Oxford university press, 1922.

New York (City) Cotton exchange.

Annual report of the cotton crop for the year ending July
31, 1922. [New York, 1922]

St. Joseph Stock Yard Co.

Annual report of receipts and shipments of live stock...1922.
Also summary for years 1893-1922.

Sioux City Stock Yards Co.

Annual report, 36th, 1922. [n.p., 1923]

Taylor, E. McKenzie.

...The basis of Egyptian agriculture and its relation to the
decline in the average yield per feddan of cotton. By
McKenzie Taylor...and A. Chomley Burns... Cairo, Government
press, 1922. (Egypt. Ministry of agriculture. Technical and
scientific service. Bulletin No. 25)

U.S. Dept. of Agriculture.

... Merger of meat-packing companies. Letter from the Secretary
of Agriculture... Dec. 12, 1922. Washington, 1923.
(67th Congress, 4th session. Senate. Document No. 283)

U.S. Dept. of Agriculture. States Relations Service.

A classified list of projects carried on by the agricultural
experiment stations, 1921. [1922]

U.S. Bureau of Foreign and Domestic Commerce.

Miscellaneous series.

No. 115. Trade of the United States with the world 1920-1921.
Pt. 1. Imports. 1922.

U.S. Bureau of Foreign and Domestic Commerce.

Trade information bulletin No. 73.

Schurz, W. L. Valorization of Brazilian coffee.

The World almanac and encyclopedia, 1923.

BUREAU BREVITIES.

15. CHOOSING A TRACTOR, by L. A. Reynoldson and H. R. Tolley of the
Farm Power Committee is now off the press. In logical order this is the
last of a series of six publications submitted by the Farm Power Committee,

of which Dr. Taylor is chairman, but the others are not yet ready for distribution. This series will comprise: "What Tractors and Horses Do on Corn-Belt Farms, Farmers' Bulletin No. 1295; Changes Effected by Tractors on Corn-Belt Farms, No. 1296; Cost of Using Tractors on Corn-Belt Farms, No. 1297; Cost of Using Horses on Corn-Belt Farms, No. 1298; Shall I Buy a Tractor (For a Corn-Belt Farm)?, No. 1299 and Choosing a Tractor (For a Corn-Belt Farm), No. 1300.

16. INSPECTION OF WHOLE-MILK AMERICAN CHEESE will be facilitated by a handbook prepared by the workers in the Division of Dairy and Poultry Products for such use under the Food Products Inspection Law. It is issued as Office of the Secretary Circular No. 157.

17. SALE METHODS AND POLICIES of a growers' national marketing agency are outlined and discussed by Asher Hobson and J. B. Chaney in Dept. Bul. No. 1109 issued last week. The American Cranberry Exchange is the organization studied and the subtitle reads: A Study of the Organization and Achievements of Twenty-Seven Years of Cooperative Marketing by Part of the Cranberry Growers of the United States. Effort is made to set forth those methods and policies of especial interest to other commodity organizations.

18. "PREPARATION OF FRESH TOMATOES FOR MARKET" is the title of Farmers' Bulletin No. 1291 now available. In it F. Earl Parsons gives detailed and illustrated directions for improved methods. This is one of a number of similar publications on the preparation of perishable products for market written in the Fruit and Vegetable Division.

19. "THE ABSENCE OF BUNK and the frank discussion of what a man must do in order to establish himself on the land makes it, in my judgment, the most valuable contribution of its kind ever put out by any federal department" is what B. G. Parker, Director of Immigration, Wisconsin Department of Agriculture, writes the Chief about Miss Henderson's bulletin entitled "Farm Lands Available for Settlement." He further states that it is impartial, concise, and contains many helpful suggestions for the homeseeker.

20. BOWLING CHALLENGE. The Hay, Feed and Seed Division challenges any other division of the bureau to a bowling match, the time and place to be arranged. Any division interested in trying to beat these champions should communicate with G. C. Edler, room 414, Bieber Building, telephone number 363.

21. IN THE BOWLING LEAGUE. Farm Management won two of the three games from Agricultural Economics last Wednesday.

PERSONALS

W. A. Schoenfeld will attend the annual meeting of the New England Association of Marketing Officials, to be held at the office of the New England Research Council on Marketing and Food Supply, in the Appraisers Building, Boston, February 1 and 2. He will participate in the discussion

of the basic economic problems around which New England's research program in agricultural economics should center. Eldon C. Shoup, Research Agent in Marketing, stationed at Boston, will also participate in the program.

E. C. Squire, Specialist in Foreign Marketing of Live Stock and Meats, stationed at Berlin, Germany, has been instructed to attend the Danish Food Exhibition to be held at Frederica, Denmark, April 7-15. At this exposition, all kinds of Danish food products will be exhibited as well as refrigerating machinery, canning and packing materials, chemical preparations, etc., for preserving and refining food articles. The Danish Agricultural Council has appointed a special committee consisting of representatives of the Danish Dairy Associations, the Danish Coöperative Bacon Factories and the Danish Coöperative Egg-Exporting Co. to organize and manage the exhibition.

G. C. White, Specialist in charge of Transportation, died at a local sanatorium, January 16. Funeral services were held at Calvary Methodist Church, Washington, January 18. Because of ill health, Mr. White had been on furlough since last spring.

Mr. White was one of the pioneer workers of the former Bureau of Markets, having been appointed December 1, 1913. He spent himself without stint all during the early days of organization and again during the war when our work with the United States Railroad Administration was of vital importance to the country. Arrangements with railroads for the furnishing of information regarding shipments of perishables, both by telegraph and by mail, was one of the highly important achievements of the bureau for which Mr. White was responsible. He held the respect not only of his superiors in the department but of the responsible heads of railroads with whom he maintained most commendable contacts.

F. G. Robb, in charge of the Food Products Inspection Service, returned to his desk yesterday morning after an absence of about two weeks attending conventions of the fruit and vegetable trade and conferring with inspectors in branch offices at Cincinnati and Chicago.

H. K. Holman, of the Warehouse Division, left Washington January 17 for the Pacific Northwest. En route he will stop at Minneapolis to confer with representatives of the War Finance Corporation, who are inspecting grain warehouses for the corporation under the direction of this bureau, and also to meet prospective appointees, both for our staff and the staff of the War Finance Corporation. From Minneapolis he will go to Portland, Ore., where he will confer with some of the principal bankers and licensed grain warehousemen on matters relating to the Federal warehouse Act and also to counsel with them with reference to amendments that are proposed to be made to the Oregon and Washington State warehousing laws. Before leaving Portland, he will also meet the field staff of the Northwest. From Portland he will go to San Francisco to confer with the President of the Mercantile Trust Co. and to present to a meeting of leading bankers in that city the United States warehouse Act and its administration. The President of the Mercantile Trust Company of that State is quite anxious that the bankers of California should insist upon having Federal warehouse receipts

or receipts issued under the State statute. From San Francisco, Mr. Holman will start eastward, meeting C. E. Dutcher, in charge of the Warehouse Division office at Denver, Colo., and conferring with several licensed grain warehousemen en route.

W. C. Davis left Washington Sunday for Boston, New York and Philadelphia to confer with local representatives relative to the market reporting service. While in New York, he will inaugurate the inspection of meats for grade and quality for the U. S. Lines sailing from New York. To continue and carry on this work, the appointment of Wilford H. Norris has been requested, effective January 29.

J. O. Bell, in charge of the compilation of cold storage reports, has reached Spokane, Wash., on his extended Western trip, checking up and strengthening the list of firms cooperating in the cold storage reporting work. He writes he is obtaining much valuable data. His itinerary includes Los Angeles and San Diego, and points in Oklahoma and Texas. He is expected to return to Washington, March 5.

C. G. Franks, Grain Supervisor in charge of the Atlantic Coast Division, has tendered his resignation effective February 1 to accept the position of Chief Grain Inspector, Port of Norfolk. Mr. Franks was in Washington last week conferring with Mr. Besley re supervision matters.

Miss Mabel G. Darcey, who resigned from the Division of Farm Management, December 31, and Earl D. Strait, were married January 17, at the home of the bride's parents in Washington. They are spending a two weeks' honeymoon in the South, visiting Jacksonville, Tampa, and St. Augustine. They will make their permanent home in Springfield, Mass., where Mr. Strait is employed in the New England Farm Loan Bank.

Employees of the bureau who had worked with both Mr. and Mrs. Strait in the old Office of Farm Management and Farm Economics, presented them with a gift of flat silver. The presentation was made last Tuesday by H. R. Tolley, who spoke a few words in appreciation of the service which Mr. and Mrs. Strait have rendered the bureau and the regard in which they are held by their former coworkers.

E. D. Strait has been reappointed in the Division of Farm Management for one month, beginning February 1. He will assist in completing and preparing for publication the results of the investigation of land settlement and farm organization in Western Washington. This work was being conducted under his direction at the time he resigned from the bureau July 1, 1922, to accept a position with the Federal Farm Loan Bank at Springfield, Mass.

H. S. Beardsley, of the Division of Agricultural Finance, returned from Wisconsin last Tuesday where he assisted Dr. Hibbard in gathering data on agricultural finance in that State. He left January 21 for Tennessee where he will cooperate with Professor Allred and others in a study of credit and insurance problems in selected areas of the state. This work will be carried on under a cooperative agreement between the Experiment

Station of the University of Tennessee and this bureau.

A. L. Wiley, who has been employed in the Warehouse Division for the past two and one-half years, has submitted his resignation effective at the close of February 16.

Frank B. Wilkinson, of the Warehouse Division, is absent from the office because of illness.

Miss Pearl L. Boone, Clerk, was transferred from the Bureau of Animal Industry to the Live Stock, Meats and Wool Division, January 18.

J. J. Doheny, in charge of the Boston office of the Live Stock, Meats and Wool Division, delivered a speech entitled "Boston's Meat Supply and Consumption" over the radio from the Medford Hillside Station on January 16.

Miss Louise Kelly, who has been appointed Clerk in the Fort Worth joint office, reported for duty January 10.

S. W. Mendum has gone to New Brunswick, N. J., to confer with the officials of the New Jersey Agricultural College concerning farm organization and cost of production studies.

Frank Hiler reported in Los Angeles January 16 to take charge of the joint Federal-State market reporting service at that point. E. W. Baker, who has been in charge of that office temporarily, left January 20 for Chicago, and will visit San Francisco, Sacramento, Salt Lake City and Denver en route.

W. W. Wofford, who will assist in the investigations on the costs, methods and practices of marketing live stock on the Pacific Coast, reported for duty in San Francisco January 16.

The live stock market exhibit which was shown during the International Live Stock Exposition at Chicago in December is being shown this week at the University of Illinois, Urbana, along with other live stock exhibits from the department. J. S. Campbell of Chicago is in attendance explaining this exhibit.

Henry Hawxhurst, Mrs. Mable Tait and Mrs. Torey Wright, all of the Market Statistics Section, have been absent from their duties on account of sickness.

Among the members of the Division of Information, who were ill during the past week are Katharine G. Rice, Anne P. Rhodes and Violet L. Heinson.

Arthur W. Palmer, Specialist in Cotton Classing, has returned to his duties after an absence due to illness.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

VED
1923 ★

Department of Agriculture

January 30, 1923.

Vol. 8, No. 5.

FARMING INCOMES WILL BE MEASURED.

Measurement of incomes from farming in all parts of the country in 1922 is the objective of a questionnaire recently mailed to the thousands of cooperators on the mailing list of the Division of Crop and Live Stock Estimates. This questionnaire covers the principal receipts, expenses, and changes in inventory items in such a way as to show the general results of the farm operations for 1922, for the country as a whole. After the first report on a territorial basis, the returns may be reassembled for a report on a commodity basis.

This is one phase of a permanent project to determine the trend of incomes from farming currently from 1922 forward; and backward, so far as available data may permit. The more detailed phase of the project has been assigned to the Division of Farm Management. In addition to the general questionnaire there will be: 1. A county detailed broadcast questionnaire sent to all farmers in those counties where the division has previously conducted farm business analysis studies, whose addresses can be secured; 2. A farm income survey in each of these areas at least once in every five years and at intervals of five years. This year the special county work will be confined to sixteen areas, ten by mail, six by visitation; 3. The coordination of the several farm management survey series of records taken in different years by different parties.

FINAL HEARINGS ON WOOL GRADES ANNOUNCED.

Final hearings on United States Standard Wool Grades, formulated and distributed by the department under the name of Tentative Wool Grades, will be held on the fourth floor of the Bieber Building on February 6, at 1 P. M. The proposed grades are intended for use in connection with merchandising graded wool. All persons, or officials of organizations, who are interested in the proposed grades are invited to be present or to send a representative to this final hearing, after which final action will be taken concerning United States Standard Wool Grades.

Those who have not submitted their comments to the department and wish to do so, but are unable to attend the final hearing, are urged to submit them in writing.

AMERICAN AND EGYPTIAN CROP REPORTS EXCHANGED.

Arrangements for the interchange of crop reports on cotton and wheat in the United States and Egypt have been completed by the department. As soon as the reports on crop acreage and forecasts are available in each country the news will be dispatched immediately by cable or radio to the other country.

Promptly upon receipt of the Egyptian news, the reports will be broadcast throughout the United States by telegraph and radio. This plan should reduce the time consumed in placing important crop news in the hands of American farmers to a minimum.

AT THE BUREAU COUNCIL.

Foreign discussions filled most of the Council hour. Mr. Michael continued his report of conditions in Central Europe, reviewing briefly Hungary, Yugoslavia and Bulgaria. Agricultural history formed a part of each discussion with summarizing statements regarding present conditions. As Hungarian peasants can no longer go to other countries to work during the harvests, and as the small holdings among them mean excess labor supply, harvest time in 1920 and 1921 were marked by peasant uprisings and there was a drop in exported wheat of more than 20 million bushels.

The history of the parts now united to form Yugoslavia was outlined briefly, and the unique methods of marketing grain that continued through 1921. In 1922 the Jugoslavian government took charge and distributed grain throughout the domestic regions instead of exporting grain and leaving home districts unprovided.

Hopeful conditions in Bulgaria based on the industry of the people were emphasized. During the war, Bulgaria organized the country into districts with a county agricultural agent possessing military powers in each district. People were forced to work in the fields as were any soldiers not actively engaged in military duties, Mr. Michael said. Although the military powers have been withdrawn, this organization in general still holds good, supplemented with progressive work among the women who do much of the farm work. Agricultural schools exclusively for women have been established and it is planned to have a woman agent associated with the agricultural agent in every district. By such means has Bulgaria maintained its rate of seeding.

ADDITIONAL COURT DECISION RENDERED IN WOOL CASES.

Another judicial opinion upholding the right of the Government to collect excess profits made on wool handled during 1918 under Government control was filed recently by Judge Morton of the United States District Court in Boston, in the case of the United States vs. R. L. Smith. This decision, by agreement of counsel, applies to three other similar cases pending in the Boston court.

TYPE TRAYS OF GRAIN ARE OF INTERNATIONAL IMPORTANCE.

Among the many requests for type trays of grain to illustrate our official standards for corn, wheat and oats was a recent one from the Liverpool Corn Trade Association. On their receipt the secretary of that association reports as follows:

"These trays were before my Board of Directors yesterday, and they ask me to say that they appreciate your Department's kindness in forwarding them. They are very useful and informing, and are particularly well set-up. We have seen nothing of the sort so well done before."

MISUSE U.S. POTATO GRADES HELD ILLEGAL.

United States grades for fruits and vegetables are recommended for voluntary use only but such grades are not to be misused in interstate commerce. This is shown by three cases recently handled by the Bureau of Chemistry. In each case adulteration and misbranding were alleged since potatoes of an inferior grade were labeled and offered for sale as "U. S. Grade No. 1." The department is determined to pursue this policy vigorously and the policy is strongly supported by the progressive members of the trade.

PROGRAM FOR DENVER CONFERENCE OUTLINED.

Accomplishments since the inauguration of the enlarged live stock program will be reviewed at the conference of our agricultural and live stock statisticians to be held at Denver, February 12, 13 and 14. Sources of information and methods of gathering, compiling and using the data, will be reported upon by each statistician, all of whom have been requested to bring samples of various kinds of field records kept by them. A number of papers will be presented including: Methods of coordinating live stock information from various sources, office organization of live stock information, What Washington will handle, Methods and time for estimating, Cooperation with State and Federal agencies and Method of estimating acreage. A general discussion will follow the presentation of each paper.

NEW STRAIN OF FLORIDA CELERY FOR MARKETS

Inspectors have been notified through the Division Letter of the Fruit and Vegetable Division that they may be called upon to examine a new strain of Florida celery that has already been the subject of some complaint by receivers. Considerable acreage of this celery has been planted and probably several carloads will be shipped. This celery is marked by tall stalks, little heart formation, coarse and woody branches that seem to wilt quickly.

IN CONGRESS:

S. 4280 by Senator Capper, providing credit facilities for the agricultural and live stock industries of the United States, etc., was passed by the Senate.

S. 4287, also providing credit facilities for the agricultural and live stock industries of the United States, etc., was under discussion in the Senate.

S. Res. 413 by Senator McNary, extending until January 1, 1924, the time for making report on crop insurance required under Senate Res. 341, was agreed to.

HR-13773, to amend an act to regulate radio communication approved August 13, 1912, and for other purposes, was under discussion in the House.

NEW BILLS:

S. 4399, by Senator McNary to fix standards for hampers, round stave baskets and splint baskets for fruits and vegetables and for other purposes, was referred to the Committee on Manufacturers.

S. Res. 417, by Senator Fletcher, providing that the Federal Trade Commission shall investigate alleged violations of the antitrust acts by manufacturers of, or dealers in calcium arsenate, was agreed to.

HR 14017 by Mr. Strong of Kansas, to amend the Federal Farm Loan Act, was referred to the Committee on Banking & Currency.

S 4424 by Senator Norbeck, to provide credits to secure the successful production and profitable and orderly marketing of agricultural products and live stock in the United States. To the Committee on Banking & Currency.

IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending January 26, are the following:

Australia. Bureau of census and statistics. Labour and industrial branch.

... Prices, purchasing-power of money, wages, trade unions, unemployment, and general industrial conditions, 1921. Melbourne, 1922. (Its report no. 12)

Cincinnati. Union stock yard co.

Annual live stock report, 49th, 1922. [Cincinnati, 1922]

Friday, David.

Address delivered before workers of the Department of agriculture, in the auditorium of the new National museum, Tuesday, November 21, 1922.

Plans for an agricultural program for Michigan.

- Milwaukee stock yards co.
Annual report, 17th, 1922, and summary for years 1906-1922.
Milwaukee, 1923?
- St. Paul Union stockyards co.
Receipts and shipments of live stock...for the year 1922, 35th
year. [St. Paul? 1922]
- Taussig, C. W.
The book of radio... New York, D. Appleton and company, 1922.
- U. S. Bureau of the census.
Annual report of the Director of the census to the Secretary
of commerce, 1921/22. Washington, 1922.
- U. S. Bureau of the census.
... Financial statistics of cities having a population of over
30,000. 1921. 1922.
- U. S. Bureau of the census.
... Financial statistics of states, 1921. 1922.
- U. S. Congress. Senate. Committee on banking and currency.
Rural credits. Hearings before the Committee on banking and currency.
United States Senate, Sixty-seventh Congress, fourth session on
Senate bills... 1922-23.
- U. S. Federal trade commission.
... Prices of tobacco products. Letter from the chairman of the
Federal trade commission transmitting in response to a Senate
resolution of August 9, 1921, certain information relative to
the prices, profits, and competitive conditions of the tobacco
industry... Washington, 1922.
- U. S. Interstate commerce commission.
... A preliminary abstract of statistics of common carriers,
1921. 1922.
- U. S. Laws, statutes, etc.
Statutes of the United States of America, passed at the second
session of the Sixty-seventh Congress, 1921-1922. 1922.
- U. S. Treasury. Comptroller of the currency.
The National-bank act as amended. The Federal reserve act...
Washington, 1919.
- U. S. War finance corporation.
Annual report, 5th, 1922. 1922.
- Wichita union stock yards co.
Annual live stock report, 30th, 1922. Wichita, 1923.

BUREAU BREVITIES.

BULLETINS ON RURAL COMMUNITY BUILDINGS, prepared by W. C. Nason, are listed in the January number of The Playground with circulation statistics for each as an indication of the extent of interest in community buildings in rural communities.

CHANGES IN ROOM ASSIGNMENTS are as follows: G. A. Collier has moved from Room 418b to Room 418 and his telephone number changed from Branch 214 to Branch 531. Telephone for W. A. Wheeler and M. H. Hess is changed from Branch 323 to Branch 531.

CAPTAIN JAMES G SCOTT, connected with the Shipping Board, and with headquarters at Hamburg, Germany, was a recent visitor in the bureau. A group of people that are interested in cooperative marketing in foreign countries met Mr. Scott and discussed with him particularly the agricultural cooperative movement in Russia. For the past year Mr. Scott has spent most of his time in Petrograd and Moscow, handling the ships that have come into Russian ports bringing American relief supplies.

IN THE BOWLING LEAGUE. Agricultural Economics lost three games to Soils last week and Farm Management lost three to the Secretary's Office. Grain team has accepted the challenge issued by Agricultural Economics and Fruits and Vegetables and Farm Management have accepted tentatively.

DIVISION LETTER, VOL. 4, NO. 4, issued by the Fruit and Vegetable Division, contains a floor plan, division directory and outline of duties of each person. Much of this information is of general interest to the bureau.

LEGAL PHASES OF COOPERATIVE ASSOCIATIONS, Department Bulletin 1106, is in demand for use in courses in marketing in several universities and agricultural colleges. The University of California is the latest institution to notify us of this use.

PERSONALS

Lloyd S. Tenny attended a farmers' meeting at Harrisburg on January 23 where he gave a talk on The Farmer's Part in Solving the Marketing Problem. The meeting was held in connection with the annual farmers' convention and agricultural exhibit at Harrisburg. Mr. Tenny reports that there was an excellent exhibit of fruits and vegetables and other agricultural products; that the marketing work in connection with the State Department of Agriculture in Pennsylvania is now stressed; that the farmers are much interested in local cooperative efforts; and that considerable emphasis is being placed on a better standardization of agricultural products in Pennsylvania.

At the same meeting A. V. Swarthout, in charge Division of Cost of Marketing, presented a paper on The Cost of Marketing Agricultural Products, which was well received and stimulated much discussion. Judge Miller, of the Dairymen's League, spoke on the legal questions involved in cooperative marketing.

W. A. Schoenfeld will attend the joint session of the New England Research Council and the New England Association of Marketing Officials on February 2. He will discuss from the marketing standpoint, the basic economic problems around which New England's research program in agricultural economics should center. Dr. A. B. Cox will also attend the meeting.

Dr. L. C. Gray, in charge, Division of Land Economics, addressed meetings of the Farmers' Week at the College of Agriculture, University of Illinois, last week, on "Relation of the United States Production to the World's Markets" and "Tenancy as a National Problem." He also read a paper by Lloyd S. Tenny, Assistant Chief of Bureau, on "The Farmer's Part in Solving the Market Problems."

Dr. C. J. Galpin left Washington, yesterday to address the annual meeting of the Rural Life Conference, held in conjunction with the Annual Farm and Home Week at the Iowa State College of Agriculture on January 31, on American Rural Life and its Future Outlook. Dr. Galpin will be enroute to College Station, Texas, where he will interview President Bizzell in regard to a cooperative project between the Agricultural and Mechanical College of Texas and the Division of Farm Population and Rural Life on a housing study in the State of Texas.

William R. Meadows, in charge, Division of Cotton Marketing, will leave Washington on February 1, for Atlanta, to confer with the field crop reporters of the Division of Crop Estimates.

H. W. Samson attended sessions of National Cannery Association at Atlantic City, January 24. He discussed the standardization of can-house crops with members of the association with a view to securing cooperation in the establishment of grades for canning tomatoes.

G. S. Meloy returned to Washington last week from an extended trip through the South where he was engaged in cotton work.

Robert Bier, Fruit and Vegetable Division, left Washington on Saturday to begin field work in the grading and handling of celery. He will conduct some investigations in conjunction with C. W. Hauck, now at Lakeland, Fla.

H. A. Spilman, of the same division is travelling through Alabama in the interests of the enforcement of the standard container act. He will meet Mr. Bier at Sanford about February 1.

C. R. Chambers, Division of Land Economics, has gone to Pennsylvania to aid in the appraisal of orchard lands in that state.

C. A. Burmeister, who has been on an extensive field trip throughout the West and South collecting data on the methods, practices and costs of marketing live stock, returned to Washington, January 25.

H. W. Samson attended recent sessions of the conference called by Secretary Hoover of parties interested in the manufacture and standardization of containers for food products and explained the standardization program of this bureau. F. P. Downing, formerly of this bureau, came from South Bend for the conference and visited this bureau during his stay in Washington.

Dr. A. B. Cox of the Division of Cotton Marketing left Washington today for New York, Boston, and Providence, for the purpose of investigating cotton marketing conditions.

Mrs. L. S. Carter has been added to the clerical force in the Division of Agricultural Cooperation, to assist in the tabulating of the reports received from 10,000 cooperative associations.

Dr. O. E. Baker, Division of Land Economics, attended the Spring Wheat Region Conference, to confer with the Committee of the Spring Wheat Council and to render assistance to the committees concerned with the problems of agricultural production.

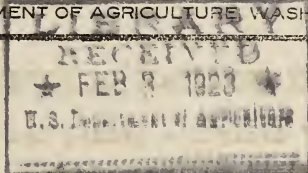
Miss Catherine Panella has reported for duty in the Division of Cotton Marketing under her appointment to the position of skilled laborer qualified in pasteboard box making.

Edward A. Beecher reported for duty as cotton classer's helper in the Division of Cotton Marketing on January 26.

Among the many members of the bureau staff who are, or have been, on the sick list are: Misses Catherine Viehmann, Editor Bureau News, Edna Heffner, Florence Lee, L. E. Bowdler, and Messrs C. E. Gibbons, E. M. Kayden, G. O. Gatlin, G. T. Willingmyre, Arnold Graham, G. S. Meloy and George Butterworth. Others are absent or have been absent on account of illness in family.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.



February 6, 1923.

Vol. 3, No. 6.

1. STATUS OF AGRICULTURAL APPROPRIATION BILL.

The Agricultural Appropriation Bill has been returned to conference on account of the disagreement of the two Houses on the item covering Forest Roads & Trails. All other items in the bill have been agreed upon by the two Houses..

The following table shows a comparison of the appropriations of this bureau for the current year and amounts carried in pending bill for 1924.

BUREAU OF AGRICULTURAL ECONOMICS

Fiscal Year 1924.

	Appropriation 1923	Appropriation Carried in Pending Bill 1924	Increase or Decrease
General Administration	\$ 36,273	\$ 36,273	-----
Farm Management & Practice	291,707	281,937	-9,720*
Marketing & Distributing Farm Prod- ucts	471,200	500,000	28,800
Crop & Live Stock Estimates	325,000	332,000	7,000
Foreign Competition & Demand	65,000	65,000	-----
Market Inspection of Perishable Foods	175,000	275,000	100,000
Market News Service	405,000	700,000	295,000
Total General Expenses	1,769,180	2,190,260	421,080
Enforcement of the U.S. Cotton Futures Act	146,540	143,540	-3,000*
Enforcement of the U.S. Grain Standards Act	536,223	541,223	5,000
Administration of the U.S. Ware- house Act	120,000	136,400	16,400
Enforcement of Standard Container Act	3,800	5,000	1,200
Completion of Work of Domestic Wool Section	15,000	12,000	-3,000
Total Lump Funds	2,590,743	3,028,423	437,680
Statutory Salaries	965,440	977,430	11,990
Total Lump Funds & Statutory	3,556,183	4,005,853	449,670
Center Market	165,000	176,000	11,000

*Decrease is offset by transfers to the Stat. roll.

2. EXPRESSION SOUGHT FROM TRADE ON HONEY GRADES.

The number of desirable grades and where the line of demarcation between grades should be drawn are points upon which the department wishes to obtain a definite expression from the honey trade. Preliminary work looking toward the establishment of grades for honey has been performed by this bureau in cooperation with the Bureau of Entomology. H. W. Samsen, and Dr. E. F. Phillips, Apiculturist of the Bureau of Entomology, will attend the annual meeting of the American Honey Producers League to be held at St. Louis, February 6-8, with a view to getting the league on record regarding grades.

The 300 samples of honey gathered by the department, representing the largest and finest collection ever assembled, will be exhibited at the meeting. The color of these samples was scientifically measured by Bernhard Kurrelmeyer, of Johns Hopkins University, who was temporarily employed by the department. The color varies from an almost colorless liquid to a very dark amber shade. In Mr. Kurrelmeyer's studies, it was developed that there is no natural grouping of colors in extracted honey secured from plants in widely-separated parts of the country. Different types of pollen produce variations in the color of honey. The same plant produced nectar in the North, or at high altitudes, will secrete a much lighter-colored nectar than when grown in the South.

3. "BETTER LAMB MARKETING" CAMPAIGN STARTED.

The opening guns in an intensive publicity campaign calculated to influence better preparation of lambs shipped to the Jersey City lamb market have been fired by the Live Stock, Meats and Wool Division in cooperation with the Bureau of Animal Industry. The first "charge" is in the form of educational material giving details for better preparation of lambs, disseminated by the press throughout the States that produce lambs for the Jersey City market.

The live stock division demonstrated in test shipments last fall that producers and shippers of high quality lambs receive relatively high prices for their animals, compared with animals in poor condition. Publication of the results of these demonstrations at the time impressed shippers with the need of better preparation of their product for market. Similar tests will be made this year and the results published broadcast.

"We are 'sold' on the value of publicity," said C. V. Whalin, in charge of the work. "We feel confident that systematic publication of educational and news matter will influence general improvement in the quality of lambs marketed."

4. HAY, FEED AND SEED DIVISION INAUGURATES MONTHLY REVIEW.

A regular monthly review of the hay market situation has been inaugurated by the Hay, Feed and Seed Division. On February 1, the first review was prepared and released in mimeographed form. Several trade associations have already requested the service and have agreed to give the reports wide distribution through their market bulletins. These reviews will also be sent to a selected list of farm papers.

5. RADIO TALKS BY REPRESENTATIVES OF THE BUREAU.

Field representatives of the bureau have many opportunities to broadcast short talks on marketing questions, and it is the wish of the Department that this method of distributing information be fully utilized. However, it is requested that those receiving invitations to give such addresses immediately advise their respective division heads in Washington. The address as broadcasted should be written out, and a copy transmitted to the Division of Information in the bureau for approval in advance of the time of delivery. When delivered, the address should be read from the manuscript. It is obvious that more care must be exercised concerning matter that is broadcast by radio than in the case of addresses made before limited audiences.

6. INSPECTIONS BRING SAVINGS FOR SHIPPING BOARD.

An estimated saving of about \$300.00 in less than one week's time was made for the U.S. Lines on meats purchased at New York City in accordance with specifications recently prepared by the Live Stock, Meats and Wool Division of this bureau, at the request of the Shipping Board. This saving was the result of inspections of meats loaded on the first two vessels under the new arrangement. It seems to demonstrate the adaptability of the bureau's grades of meats for use under commercial conditions.

Officials of the Shipping Board have now requested a similar inspection service on poultry and fish. Tentative arrangements have been made by the bureau to certify to the condition and quality of these products, although specifications for grade have not yet been drawn up.

7. PLANS FOR JUNIOR FETE MAKE PROGRESS.

Great preparations are being made by the boys of the bureau and others for the basket ball game and dance to be given by the Junior Improvement Association on February 21, at the Center Market Auditorium. Tickets are on sale by all the boys. Miss L. E. Rixey, of the Division of Agricultural Cooperation, bought ticket No. 1. The advertising committee is on the job and posters will be seen at several prominent places.

The line-up of the bureau basket ball team is as follows:

Captain Arthur Anholt, Forward
Ernest Greene, Center
Charles Bleam, Forward
H. Millington, Forward
Frank LaScola, Guard
Welford Skinner, Guard
Frank O'Brien, Guard
William Smith, Guard
Elmer Strang, Guard

Other boys will form a team to be used as seconds.

The Secretary and Assistant Secretary are expected to be present. Members of the Junior Improvement Association are expecting every member of the bureau to be present.

8. COST OF PRODUCING RANGE CATTLE

Cost of producing range cattle on seventy-five cattle ranches in Colorado is being studied by the Cost of Production Division with a view to reducing the high mortality of ranching enterprises in the West. This cost study is based on the calf as a unit and includes the cost of handling the cow herd for one year.

Most of the cattle raisers in this region are endeavoring to reduce production costs and to increase their income by greater diversification of their business, the division reports. There is a marked tendency to form associations for the standardization of cattle in regard to uniform ages, breeding and marketing classes.

Ranchmen are being urged to reduce their general overhead by economizing in cost of ranch equipment, maintenance and cost of supervision compatible with efficient operation.

9. JUNIOR MARKETING SPECIALIST EXAMINATION ANNOUNCED

An open, competitive examination for Junior Marketing Specialist will be held April 4 and 5 at points throughout the country, the Civil Service recently announced. The usual entrance salary for these positions ranges from \$1,320 to \$1,620 a year, but persons unusually qualified may be appointed at higher salaries not to exceed \$2,100 a year. Examination will be in the following optional subjects: marketing grain and hay; marketing fruits, vegetables and miscellaneous products; marketing live stock and animal products; marketing dairy products; marketing poultry and eggs; marketing cotton; warehouse investigations; market business practice; and the economics of marketing. The announcement states that the duties of appointees will depend somewhat upon their personal qualifications but gives a general statement regarding the duties in each instance. Competitors will be rated on the following subjects: geography, practical questions on each optional subject chosen, thesis, education, training and experience.

Applicants must have had a high school education or have completed at least 14 units of high school work; and, in addition, must have graduated from a college or university of recognized standing, or must be senior students in such an institution and furnish proof of graduation within six months from the date of this examination. For each year lacking of the college degree, applicants may substitute a year of experience in a position or positions clearly tending to qualify them for work under the optional or optionals in which they desire to be examined. Two separate registers will be established as a result of this examination: register A will include those eligibles who are college graduates; register B will include those eligibles substituting experience for college education. Announcements of this examination may be obtained from our Personnel Section or from the Civil Service Commission.

10. EARLY EDITORIAL SUGGESTIONS EXPEDITE MATTERS.

Publication matters may be greatly expedited by getting editorial suggestions early, preferably before actual writing begins. To this end four distinct steps have been worked out to be taken by each author before a manuscript is considered ready for editing.

1. Twice each year estimates are submitted through the division leaders covering proposed manuscripts to be submitted during the year, with probable size, number of illustrations, etc.
2. As soon as an author is ready to begin work on a projected manuscript, he should take the matter up with the editors and with them determine (a) Series in which it is to appear; (b) Scope; (c) Style of treatment, and (d) Extent and character of illustrations. At this time a copy of the proposed outline and a check list of proposed illustrations is to be filed with the Division of Information. Now, and later, the editors will be glad to give all help possible and to make plans to smooth the way for more prompt movement of the manuscript after it is finally edited.
3. Editorial comments and criticisms are to be secured from the Division of Information on penciled forms of charts and graphs before they go to the Graphic Section. This will save much time and labor. This action may be taken in connection with Item 2.
4. Manuscripts are submitted to the Division of Information by means of the usual mimeographed transmittal memorandum. They are to be submitted in complete form, with all illustrations present in completed form. Approval of the Chief will be secured by the Division of Information.

The purpose of these four distinct steps, to be taken by all prospective authors, is that all necessary suggestions be made early enough to be used in the initial preparation of manuscripts. This should render final editing and submittal to the Assistant Secretary a speedy process.

11. INDIANA FARMING CHANGING TO SHARE BASIS, SURVEY INDICATES.

Farming in Central Indiana is rapidly changing from a cash-rent to a share basis according to a recent survey made by the Division of Farm Management. The former system of renting for cash in 1920 in Clinton County has practically disappeared. The number of cash-rented farms in Boone County has decreased 50%.

The survey shows that approximately 150 farms in the two counties were transferred in 1922, as compared with the sale of more than 500 of the 5,400 farms in the two counties in 1919. Many purchasers of farms during the period of the land boom have been forced to return the farms to their former owners, thereby sacrificing their cash payments, the survey shows. The more hopeful cases have been adjusted through extensions of time for paying indebtedness but there are many farmers who own such a small equity in their farms that they may eventually be forced to sell.

12. SPACE CHANGES IN THE DIVISION OF INFORMATION.

Miller Hamilton and Miss Emily L. Day, editors of Weather, Crops and Markets, are now located in room 703. Frank George, in charge of press releases, Miss Helen Bonebrake, editor, State and Federal Marketing Activities, and Miss Catherine M. Viehmann, editor, The B.A.E. News, have moved into room 707. Miss Sherman and Miss Rice remain in room 705. Telephone numbers have not been changed except in the case of Mr. George. His number is now 539.

13. BUREAU SUPPLIES STAGE TALENT.

This bureau was well represented on the stage at the department's moving picture show in the Central High School Auditorium January 29. The reel of the Golden Fleece was prepared in this bureau; Mrs. Murphy, Misses Bean and Lang and Messrs. Arndt, Funk and Wooten were among the singers; Mr. Hamilton was the star performer in the radio stunt; and Mr. Barghausen devised the stage setting.

14. ARTICLES SUBMITTED BY THE BUREAU IN JANUARY.

- Barr, J. E.: The Right Kind of Cotton Seed and How to Get it. For Southern Agriculturist.
- Barr, J. E.: What of the Seeds the Market Gardener Buys? For The Market Growers Journal.
- Beardsley, H. S.: Telephones on the Farm. For Country Gentleman.
- Collier, G. A.: Federal Hay Grades and the Farmer. For Southern Agriculturist.
- Elder, G. C.: The Field Seed Situation. For Seed World.
- Gilbert, J. C.: Radio Telephone Broadcasting of Weather, Crop and Market Reports. For N. Y. State Agricultural Teachers' Bulletin.
- Pirtle, T. R.: Noteworthy Events in the World's Dairy Industry in 1922. For Dairy Science Journal.
- Seeds, K. B.: Federal Hay Inspection for New York. For Greater New York.
- Seeds, K. B.: A New Era in the Hay Trade. For Facts and Figures.
- Sherman, Caroline B.: Farmer Cooperation and Food Prices. For Cooperation.
- Sherman, Caroline B.: Marketing Texas Spinach. For Farm and Ranch.
- Spillman, W. J.: Application of Law of Diminishing Returns to Some Fertilizer and Feed Data. For Journal of Farm Economics.

15. IN CONGRESS:

- S. 4237, (Lenroot-Anderson bill) to provide credit facilities for agricultural and live stock industries passed the Senate.
- H.R. 13773, to amend an act to regulate radio communication passed the House.
- S. 4399, to fix standards for hampers, round stave baskets, etc., was reported to the Senate from the Committee on Manufactures without amendment:
- S.Res.429, directing the Federal Trade Commission to investigate alleged violations of the anti-trust laws with respect to operation in cotton, etc., was adopted by the Senate.
- S. 3858, providing standards for butter was under consideration but no action taken.

NEW BILLS:

- H.R.14167, by Mr. Sinclair, to promote and encourage agriculture by divesting grains of their interstate character in certain cases.
- H.R.14169, by Mr. Sinclair, to secure to the United States a monopoly of electrical means for the transmission of intelligence, etc.***
- H.J.Res.432, by Mr. Hudspeth, to provide for cooperative agricultural extension work between agricultural colleges and the United States Department of Agriculture.
- H.Res.502, by Mr. Steenerson, directing Secretary of Agriculture to transmit to the House of Representatives the reports and communications of John Lee Coulter and L. A. Fitz as to the operation of certain grain elevators.
- S.Con.Res.33, by Senator McLean, providing for investigation of reason why eligible State banks do not join Federal reserve system.
- H.R.13378, by Mr. McFadden, to amend last paragraph of Section 10 of the Federal Reserve Act.
- H.R.14110, by Mr. Almon, to amend the Tariff Act of 1922.
- S. 4453, by Senator Norbeck, to amend the Farm Loan Act.
- H.R. 14112, by Mr. McLaughlin to repeal the Transportation Act of 1920.

16. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending February 2 are the following:

Cassel, Gustav.

Money and foreign exchange after 1914... London [etc.] Constable & Co., Ltd., 1921.

Cotsworth, M. B.

Cotsworth's reciprocals for all numbers from 1 to 10,000,000, with direct index reference to seven significant figures... London, McCorquodale [1922?]

Cotton facts. A compilation... of the crops, receipts, stocks, exports, imports, visible supply, sales, prices, consumption and manufacturing output of cotton and cotton products... New York, Shepperson Pub. Co., 1922.

Downs, B. W.

The radio telephone. St. Paul, B. W. Downs [1922]

Ensrud, A. G.

... A history of the origin and functions of the Federal Bureau of Markets... Chicago, 1922.
Thesis (M.A.) - University of Chicago.

Kansas City Stock Yards.

Receipts and shipments of live stock... for the year 1922. 52d annual report. With summary for the years 1881-1922. [Kansas City, 1922]

Musart, Charles

La réglementation du commerce des grains en France au XVIII^e siècle. La théorie de Delamare... Paris, Librairie ancienne Ed. Champion, 1921.

Portland Union Stock Yards Co.

Annual report, 13th. Portland, Ore. [1922]

With summary for the years 1909-1922.

South Africa. Office of Census and Statistics.

Monthly bulletin of Union statistics. No. 2-Feb. 1922-Pretoria [1922]

U.S. Bureau of Foreign and Domestic Commerce.

... Trade information bulletin.

No. 79. Smith, H.B.A. The reorganization of railways in Great Britain. (Suppl. to Commerce report Jan. 10, 1923)

No. 80. Towles, J. K. Petroleum trade and industry of the United Kingdom. (Suppl. to Commerce report Jan. 29, 1923)

U.S. Tariff Commission.

Comparison of tariff acts: a comparison... of the dutiable schedules and the free list of the Tariff act of 1922 with the corresponding provisions, respectively, of the Tariff acts of 1909 and 1913. 1922.

U.S. Treasury Dept.

Imported merchandise and retail prices... 1922.

BUREAU BREVITIES.

17. RESULTS OF COMPARATIVE SPINNING TESTS of vital importance to growers in weevil-infected areas, and to buyers and users of cotton from those districts, have been made available through Department Bulletin No. 1148. Superior varieties of cotton grown under weevil conditions in the Southeastern States were tested in a series of experiments planned by W. R. Meadows and W. G. Blair. These tests were conducted by Mr. Blair, in the textile department of Clemson College, assisted by H. B. Richardson, C. E. Folk and E. S. Cummings, Assistants in Cotton Testing. This bulletin will reach the Southeastern cotton planters well before the planting season.

18. STANDARDS FOR CRATES AND BASKETS are being studied by H. A. Spilman, who reports from Hazlehurst, Miss., that if the hotel is full, the town marshal may be able to accommodate one at the jail. It is to be hoped that Mr. Spilman arrived in Hazlehurst before 9:30 p.m., because after that hour, according to a sign posted in the hotel lobby, guests must see the night marshal. If Mr. Spilman had a conference with the marshal, perhaps he will have something to report on standard cots.

19. THE ARTICLE ON CROP INSURANCE, contributed by Mr. Valgren to the Journal of Insurance and Financial Statistics, on request, and appearing in the October and November numbers has stimulated considerable discussion. The column Letters to the Editor in the November number contains five letters on the subject.

20. SUPERVISOR OF GRADES, WEIGHTS AND MEASURES OF NORTH DAKOTA, J. N. Hagen, recently called at the Minneapolis Office of Federal Grain Supervision and discussed with R. C. Miller, Supervisor in charge, matters relating to grain grading.

21. A DELEGATION OF FARMERS, including a member of the Minnesota State Legislature, visited the Minneapolis Office of Federal Grain Supervision last week. They were very much interested in observing the methods by which wheat is graded, including the determination of moisture, dockage and other factors.

22. SOME FACTORS IN TOWN AND COUNTRY RELATIONSHIPS is the title of a bulletin published by Tulane University, New Orleans, as the result of a cooperative study between the university and the Division of Farm Population and Rural Life. This bulletin shows the relationship between small urban and village population groups on the one hand, and open country popu-

lation groups on the other hand. Similar studies published are "Rural Primary Groups," in cooperation with the University of Wisconsin, and "Rural Organization," in cooperation with the North Carolina State College of Agriculture.

23. BRANCH OFFICE RECORDS maintained in the central office of the Branch of Operation contain the names, home addresses and home telephone numbers of many of the men in charge of branch offices. Employees who may anticipate a need for such information on an official trip may secure it, when available, from R. V. Bailey.

24. CHINESE ARE PLEASED WITH TYPE TRAYS showing various classes and subclasses of wheat prepared and forwarded by Federal Grain Supervision, according to a recent letter of appreciation received by Mitsubishi Shoji Kaisha, Ltd., of Seattle, from their Shanghai branch.

25. ABSTRACTS AND REFERENCES RELATING TO GARLIC OR WILD ONIONS have been prepared by Miss C. Louise Phillips, Scientific Assistant, Grain Standardization.

26. THE DIVISION OF FARM MANAGEMENT has challenged the Division of Cost of Production to three series of three games each of duck pin bowling. The losing team is to furnish luncheon for the winning team at not to exceed \$1.00 a plate.

27. IN THE BOWLING LEAGUE. Agricultural Economics won two games from Accounts, and Farm Management lost two games to Plant Industry last Wednesday.

PERSONALS:

Dr. Taylor participated in the meeting of our Agricultural Statisticians from the Southern States, held at Atlanta, February 2 and 3. Messrs. Callander, Murray, Tolley, Jones, Becker and Gage also went to Atlanta to take part in the meeting.

Today, Dr. Taylor is in attendance at the meeting of the Southern Extension Workers and the Southern Agricultural Workers at Memphis. He and Messrs. Callander and Murray will go to Denver to meet with the Agricultural Statisticians from the Western States.

Lloyd S. Tenny is Acting Chief.

G. A. Collier, of the Hay, Feed and Seed Division, will attend the fourth annual meeting of the Ohio and Indiana Equity Union, to be held at Lima, Ohio, February 13 and 14. Mr. Collier will speak on "Marketing Grain and Hay to Carlot Buyers." Mr. Collier will leave Washington today visiting Lynchburg, Va., Charlestown, W. Va., Pittsburgh, and Cincinnati en route. He will return to Washington about February 15.

Adner D. Miller, Investigator in Marketing Fruits and Vegetables, has tendered his resignation effective February 15. Mr. Miller resigns to become Assistant Manager of the Fruit Auction Company with headquarters in New York City. This company is the largest auction company in the United States.

Mr. Miller was first appointed in the bureau in 1918. He was connected with the market news service on fruits and vegetables and later with the Domestic Wool Section. During the last year he has been studying fruit and produce auctions and is expected to submit a comprehensive report of his study before he leaves the bureau.

G. S. Meloy, of the Division of Cotton Marketing, left Washington February 4 for Memphis, Tenn., to attend the conference of the Association of Southern Agricultural Workers February 5-8.

Roy C. Potts, Specialist in Charge of the Division of Dairy and Poultry Products, recently visited the branch offices of that division at Philadelphia and New York, and conferred with bureau representatives and officials of the New York State Department of Farms and Markets. They discussed plans for conducting an investigation of the marketing of milk and dairy products at the New York and Philadelphia markets.

Ralph E. Curtiss, Junior Marketing Specialist, Division of Dairy and Poultry Products, resigned effective January 31.

H. J. Clay, of the Fruit and Vegetable Division, and A. A. Ruark, of the Photographic Section, are visiting the peanut sections of Virginia and North Carolina this week. They will secure photographs and other data to be used in the completion of a bulletin on the marketing and distribution of peanuts.

O. D. Miller, of the Fruit and Vegetable Division, and Gordon F. Cadisch, of the Division of Agricultural Finance, have gone to Gainesville, Sanford and other points in Florida to study the methods of financing fruit and truck crops in the South.

"Does it Pay to Grade Potatoes and other Vegetables?" will be discussed by H. W. Samson at the sixteenth annual Farmers' Week at the New York State College of Agriculture, Ithaca, February 14.

E. W. Baker of the Chicago Live Stock, Meats and Wool office, who has been in Los Angeles for some time assuming charge of the Live Stock office at that point for the past month, returned to Chicago January 31. Before returning to Chicago Mr. Baker visited San Francisco, Salt Lake City, Ogden and Denver in the interest of the live stock reporting service. On his way to Los Angeles, Mr. Baker assisted Mr. Emens in opening the live stock reporting office at Fort Worth, Texas. He also conferred with bureau statisticians in the States visited regarding the live stock estimating service.

Byron Hunter, Specialist in Farm Management and Farm Economics, University of Idaho, is in Washington to assist in the preparation for publication of data obtained from farm business analysis surveys in the Palouse area of Washington and Idaho.

Dr. W. J. Spilman, who has been ill with La grippe for the past two weeks, has returned to duty.

Oscar Juve, of the Division of Cost of Production, has gone to Baton Rouge, to confer with field investigators who are cooperating with the bureau in studying the cost of producing sugar cane. Mr. Juve expects to return by way of Illinois and Indiana where he will confer with field investigators engaged in cost of production work.

The many friends of Miss Caroline B. Sherman and Wells A. Sherman were grieved to learn of the death of their mother on January 24. Sincere sympathy is extended them in their loss.

W. C. Davis of the Washington Live Stock, Meats and Wool office, who has been in New York City for the past two weeks inaugurating the meat grading work for the U. S. Shipping Board steamship lines, returned to Washington February 3.

W. H. Norris, Live Stock Market Reporter, reported for duty at the New York Live Stock office January 29. He will assist in the market reporting service at that point but will give special attention to the inspection of meat grading for the U. S. Shipping Board.

R. C. Miller, Grain Supervisor stationed at Minneapolis, discussed problems of grain grading before the conference of State officials in the spring wheat region, at Minneapolis, January 20-22.

Members of the staff who have been on the sick list during the week are: Miss Bettie Corder and Mrs. Sidney W. Holman, of the Division of Cotton Marketing, Miss Mildred H. Niles and Miss Virginia K. Patterson, of the Division of Farm Population and Rural Life, Miss Mae McWilliams and D. C. Goodrich, of the Mails and Files Section; Miss Verna M. Schult, of the Fruit and Vegetable Division; Miss E. W. Barksdale, of the Grain Division, Miss E. E. Jenkins and W. J. Holbrook, of the Division of Information; and Miss Esther Doherty, Section of Property and Supplies.

Miss Elizabeth K. Woodward, formerly with the Division of Statistical and Historical Research was recently transferred to the Personnel Office of the department.

DR. E. G. NOURSE, of the Institute of Economics, Washington, D. C. will speak on "Outlook for Cooperation in the Middle West" before the District of Columbia Chapter of the American Farm Economic Association, Wednesday, February 14, at 4:40 p.m. in room 411, Bieber Building. YOU ARE INVITED TO ATTEND.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

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Bureau of Agriculture

February 13, 1923.

Vol. 8, No. 7.

1. MARKET NEWS TO BE BROADCAST FROM NEW ARLINGTON RADIOPHONE STATION.

Market news reports will be broadcast daily from the new Arlington radiophone broadcasting station, beginning February 15. Reports will be sent out hourly on a wave length of 710 meters and will cover the markets for live stock, fruits, vegetables, hay, feeds and dairy products. Broadcasting will be done directly from the Radio Section of the Division of Information by what is known as "remote control". A telephone line from the Bieber Building connects with the transmitting equipment at Arlington so that the voice of the reader in the Radio Section will be heard in the area covered by the station.

This new arrangement supersedes the broadcasting of market news by Post Office Department Air Mail Station WWX at Washington, at the direction of the Interdepartment Advisory Committee on Radio Telephone Broadcasting. Outside of Washington, the highpowered radio telegraphic service for government broadcasting is to be handled by Navy stations.

The schedule of the broadcasting from Arlington is:

- 9:45 a. m. Live stock reports; receipts at markets; tone of opening.
- 10:05 a. m. Weather Bureau report.
- 10:25 a. m. Fruit and vegetable shipping report.
- 12:25 p. m. Live stock market reports.
- 1:45 p. m. Reports from fruit and vegetable markets.
- 3:25 p. m. Complete live stock market comment.
- 3:45 p. m. Weather report.
- 4:05 p. m. Daily; except Saturday) Crop report and
- 4:25 p. m. Saturday) Special items.
- 5:05 p. m. Daily market report.
- 10:05 p. m. Weather report.

2. TENTATIVE WOOL GRADES UNANIMOUSLY APPROVED AT FINAL HEARING.

Tentative wool grades formulated by this bureau were unanimously approved at the final hearing held in Washington, February 6. The date of promulgation of these tentative grades as the official standards of the United States will soon be determined by the bureau and they will be established under authority contained in the warehouse Act. Gen. John P. Wood, President of the National Association of Wool Manufacturers was enthusiastic in his support of the grades and promised the full cooperation of his association in the use of Federal standards.

J. Clyde Marquis, Director of Information, presided at the hearing, and was assisted by C. V. Whalin, G. T. Willingmyre, W. E. Doble, D. W. Willingmyre, and W. A. Mueller. Twenty-eight persons were present, including the president and secretary of the National Association of Wool Manufacturers, representatives of the Daily News Record, Textile World, and officials of State and Federal Departments.

With a view to correlating our recommended grades with the English count system, a careful study of the British system will be made by representatives of this bureau.

3. MR. BRAND TO MAKE SPECIAL STUDIES FOR THIS BUREAU.

Charles J. Brand, who sailed last Saturday for England on the President Roosevelt will, among other studies, make a preliminary investigation of the specifications of the particular classes and grades of meat used in European countries in order that we may check our standardization work to determine whether or not the grades outlined by this bureau will cover the requirements of buyers across the water. In the course of his studies, Mr. Brand will visit France, Germany, Italy, Denmark, Norway, Sweden, Switzerland, and The Netherlands.

4. DENVER CONFERENCE NOW IN SESSION.

Dr. Taylor and Messrs. Callander, Murray and Gage, are representing the Washington office at the meeting of Crop and Live Stock Statisticians from the Range, Mountain and Pacific Coast States at Denver, February 12-14. The special purpose of the meeting is to discuss the live stock reporting service which has been instituted since the summer of 1922. This service has involved accumulating a very large amount of basic information relating to the seasonal movements of live stock, developing methods of procedure and establishing an organization, during the course of which many problems have arisen and these are to be thrashed out at the Denver meeting.

5. DR. NOURSE TO SPEAK WEDNESDAY.

Members of the staff are reminded that Dr. E. G. Nourse, of the Institute of Economics, Washington, D. C., and formerly of Iowa State College of Agriculture, will address the local chapter of the American Farm Economic Association, tomorrow, February 14. The meeting will be held at 4:40 p.m., in room 411, Bieber Building. Dr. Nourse's topic will be "The Outlook for Cooperation in the Middle West." Every one is cordially invited to attend.

6. KENTUCKY TOBACCO ASSOCIATION ADOPTS TENTATIVE GRADES WORKED OUT BY BUREAU.

Grades for four different types of tobacco outlined as tentative official standards by F. B. Wilkinson have been adopted by the Dark Tobacco Growers Cooperative Association of Hopkinsville, Ky., as the standards of that association. The acceptance and adoption of the grades by this association, one of the largest tobacco growers' cooperative associations in the country, is a distinct endorsement of the pioneer work in tobacco standardization being done by this bureau. The grades are for Kentucky-Tennessee Dark-Fired, One-Sucker Air-Cured, Green River Air-Cured, and Henderson Dark-Fired tobacco. The following four grade factors are considered in each type: family, quality, color, and length.

7. RESULTS OF GRADUATE SCHOOL INSTRUCTION SEEN IN BUREAU.

The close of the first semester of the Graduate School of Agriculture last week affected many members of the bureau, as it was represented in the classes of agricultural writing, statistics, advanced economic theory and library science. Many have indicated a desire to continue the work for the second term which begins this week. Mimeographed announcements of the courses offered may be obtained from Dr. E. D. Ball's office.

As a direct result of instruction and class work in writing under J. Clyde Marquis, at least 6 special articles and press releases based on the work of this bureau have been placed in the public press.

Among the new courses is one in Scientific French to be given by Dr. H. B. Humphrey. Those wishing information about this class should consult Dr. Humphrey, room 105, West Wing, telephone 134.

8. SOUTHERN AGRICULTURAL STATISTICIANS CONFERENCE SUCCESSFUL, MR. GAGE REPORTS.

Technical and administrative matters connected with the crop and live stock reporting service were discussed at the meeting of the Agricultural Statisticians from the Southern States held at Atlanta, Ga., February 2 and 3. Especial attention was given to problems which arise in making estimates of acreage of crops and production of live stock. Possibilities of developing higher statistical methods in connection with acreage studies, correlation of the various factors involved in acreage, yield and production estimates, and in the study of economic phases of farm life were also considered. The meeting was one of the best that has been held by the Division of Crop and Live Stock Estimates, according to C. E. Gage, who, after visiting the Raleigh office of his division, returned to Washington with N. C. Murray last Tuesday. S. A. Jones, who also participated in the Conference, returned last Wednesday. J. A. Becker is visiting several field offices and has not yet come back to Washington. Others who participated in the Conference were: Messrs. Taylor, Callander, Tolley, and Sherman from the Washington office, and the Agricultural Statisticians from the following States: Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Tennessee, West Virginia, Kentucky, Missouri, Arkansas, Oklahoma, Texas and Louisiana.

9. AT THE BUREAU COUNCIL.

"Standardization" was the theme of the Bureau Council Meeting yesterday morning. H. J. Besley told the history of standardization of grain. He spoke of grain inspection and the law under which standards are established and the effect of guaranteed prices on the reception of the wheat standards. Permissive standards for rye which have been available for nearly a year and adopted only by the Norfolk, Va., market will be made mandatory under the law, effective July 1 next, Mr. Besley explained. Because of the increased production of rye since the war, and the increased exports of rye, the demand for mandatory standards has become more insistent. All of the larger markets and foreign buyers want grades effective

under law.

J. Clyde Marquis, who presided at the final hearing on the wool grades, said that no criticism of the grades developed. W. C. Davis, of the Division of Live Stock, Meats and Wool, told of the progress made in the inspection of meats for the U. S. Lines of the Shipping Board. Inspections to date, made in accordance with specifications written by this bureau, have resulted in a saving of \$436.00 to the Shipping Board. L. M. Davis, of the Dairy and Poultry Products Division, spoke of a recent inspection of butter for the Navy at Norfolk, Va., which resulted in the rejection of 50,000 pounds of butter because it scored 89 and was storage butter, when the specifications called for 92-score, fresh butter. Miss Emily E. Clark reported on the Agricultural Appropriation Bill as it affects this bureau, calling attention to increases, which were listed in The B.A.E. News for last week. Dr. S. A. Jones reported on the meeting of Agricultural Statisticians at Atlanta, which is covered in a separate item in this issue.

In the absence of Dr. Taylor, Mr. Tenny, who presided, announced that next week he would ask J. H. Riddle, of the Division of Research of the Office of the Secretary of the Treasury, to tell us of his work. Dr. C. J. Galpin will outline the work of his division in meeting rural social problems in certain communities in West Virginia, and V. N. Valgren will be called upon to speak on rural credit legislation. H. F. Fitts is also slated for a talk on measures now before Congress.

10. FEDERAL HAY INSPECTORS COMPLETE FIRST MONTH OF SERVICE.

Federal hay inspectors made 376 inspections and 18 reinspections during January, the first month of operation of this service.

An examination of the certificates issued shows the need for greater care in production and harvesting and the necessity for improvements in loading for market. Of the 353 cars graded according to Federal standards, 3% were No. 1; 25%, No. 2; 54%, No. 3; 3%, No. 4; and 15%, Sample Grade. Over 4% of these cars contained foreign material. Nearly one-third of all cars inspected were unevenly loaded, some containing as many as six different grades. These shipments, according to inspectors, nearly always sell at a discount, which could be avoided by proper care in loading.

11. SPACE CHANGES IN GRAIN DIVISION.

Changes involving location, telephone numbers and transfers in the Grain Division are as follows:

- H. M. Crosswhite, from C Bldg. to Room 421, Bieber Bldg.; phone 361-2
- Miss E. Marguerite Meyer, from C Bldg., to Room 421, Bieber Bldg.
- Miss Fay E. Arnold, from C Bldg. to Room 423, Bieber Bldg.
- Miss Myrtle V. Chockley, from C Bldg. to Room 423, Bieber Bldg.
- J. F. Gott, from Room 423 to Room 420, Bieber Bldg.
- Miss Bertha P. Cooke, from Room 421 to Room 420, Bieber Bldg.
- Miss Onie G. Aleshire, Room 423 to Room 420-A, Bieber Bldg.
- Miss Eliza W. Barksdale, Room 420 to Room 403, Bieber Bldg.; Phone 333.

Dennis N. Hevener and William H. Young have been transferred to the Section of Property and Supplies because of the consolidation of the Grain Division stock rooms with the bureau central stock section.

12. ARE YOU WILLING TO HELP IN CASES OF EMERGENCY?

In response to the call for volunteers who would be willing to furnish the use of their automobiles in emergency for taking ill employes home or to hospitals, only two persons have offered the use of their machines. The first was Mrs. Elsie Sollers; the other is E. F. Ramsey, who says his automobile will be available while he is on duty from 6 a.m. to 1 p.m. Others who are willing to volunteer for this service in case of emergency will aid in the welfare work of the bureau by listing their names with Miss L. E. Rixey, room 503, Bieber Building.

13. IF YOU HAVE BOUGHT YOUR TICKET TO THE JUNIOR DANCE, BE SURE TO USE IT.

Over the top with the sale of 55 tickets to the Junior Improvement dance to his credit is the record of Oswald G. Hoover, messenger in the Division of Agricultural Cooperation. All of the boys are enthusiastic supporters of their forthcoming fete, and are making an excellent showing through the sale of tickets. They are exceedingly anxious to have a large gathering with them on the evening of February 21, and wish to urge those who have helped make their affair a financial success through the purchase of tickets to come to the game and dance to assure a record-breaking attendance.

14. GIRLS PREPARING TO ENTER BOWLING LEAGUE.

"To the victors belong the spoils" is the belief of the girls of the Division of Live Stock, Meats and Wool, and with a view to getting the "spoils" they have challenged the men of their division to a duck-pin match. Because only one of the girls had ever bowled before, the team is now taking intensive training. At a recent game, Miss M. Agnes Kelly, the first up, knocked down 7 pins. The girl following her saw 3 pins standing and decided it was up to her to finish the job, so she sent a ball down the alley with such terrific speed she not only knocked over the pins but the pin boy also. Miss Edna M. Jordan, the "anchor man," says "If we can't lick them on the inside, we will on the outside."

The Hay, Feed and Seed Division realizes now that it started something in issuing its challenge a few weeks ago. A girls' team may be after its scalp.

15. CHANGES IN HOTEL DIRECTORY.

Supplementary to previous memorandums, the Bureau of the Budget has advised that reduced rates on hotel rooms for government employes traveling on official business upon proper identification will be allowed by the following hotels as indicated:

<u>State</u>	<u>City</u>	<u>Hotel</u>	<u>Reduction offered</u>
Arizona.....	Phoenix.....	Adams.....	10% discount
California..	Pasadena.....	Green.....	25% discount provided two weeks' notice is given between Dec. 1 and May 1.
		Huntington.....	do.....
		Maryland.....	do.....
		Vista del Arroyo... ..	do.....
"	.. Sacramento....	Travelers... ..	25% discount.
"	.. San Francisco..	Fielding... ..	10% discount.
Maine.....	Portland.....	Falmouth... ..	10% discount.
Nevada.....	Reno.....	Overland... ..	25% reduction on \$1.75 and \$2.00 rooms; 50% reduction on \$2.25 and \$3.00 rooms; \$1.00 reduction on \$3.50 rooms.
Oklahoma....	Waurika.....	Stuard.....	25% discount.
Texas.....	Fort Worth.....	Terminal... ..	20% on rooms and meals.
"	.. San Antonio....	Gunter.....	10% discount.
Washington..	Bremerton.....	Winsor.....	50% reduction on \$2.00 and \$2.50 rooms.

The Eppley Hotels have now withdrawn their offer of 25% reduction. These hotels are as follows:

<u>State</u>	<u>City</u>	<u>Hotel</u>
Iowa.....	Cedar Rapids.....	Montrose
"	.. Sioux City.....	Martin
Nebraska.....	Lincoln.....	Lincoln
"	.. Omaha.....	Fontenelle
"	.. Scots Bluff.....	Lincoln
South Dakota..	Sioux Falls.....	Carpenter
"	" .. Sioux Falls.....	Cataract

16. BRANCH OFFICE DIRECTORY.

LOS ANGELES, CALIFORNIA. Change entry for Inspection of Perishable Foods to read as follows:

Inspection of Perishable Foods,
285 Wholesale Terminal Office Building,
1304 East Seventh St.
In Charge, R. C. Butner.

17. MEMORANDUM TO THE FIELD.

With this issue, Circular No. 111, Office of the Secretary, regarding the Federal Council of Citizenship Training, is sent to field offices.

18. IN CONGRESS:

- S. 4287, The Lenroot-Anderson farm credit bill passed the Senate and has been referred to the Committee on Banking and Currency in the House.
- S. 4399, Senator McNary submitted a report (No.1087) to accompany bill to fix standards for hampers, round stave baskets, etc.
- S.J.Res.265, providing for purchase and distribution of nitrate of soda and calcium arsenate was reported out of Committee on Agriculture in House with report No. 1541.
- H.R. 7103, to establish the standard of weights and measures for wheat-mill and corn-mill products, etc., passed the House and was referred to the Committee on Agriculture and Forestry in the Senate.
- S. 2023, defining crop failure and providing for the reimbursement of those whose crops failed but who had made payment of their loan prior to May 31, 1921 has passed both Houses.

NEW BILLS:

- H.R. 14274, by Mr. Fulmer to establish and promote the use of the official cotton standards of the United States in interstate and foreign commerce, etc.
- H.R. 10819, which fixes maximum salaries of scientific workers in Department of Agriculture has passed the House.
- S. 4473, by Senator Gooding to promote agriculture by stabilizing the price of wheat.
- S. 4477, by Senator McLean, to amend the Federal Farm Loan Act.
- H.R. 14270, by Mr. Strong, to amend the Federal Farm Loan Act.
- H.R. 14226, by Mr. Volstead, to amend the Employes Compensation Act.
- H.R. 14113, by Mr. McLaughlin of Nebraska, to repeal the Interstate Commerce Act.

The sixth annual report of the Federal Farm Loan Board has been transmitted to Congress and printed as H.Doc.No.560.

19. IN THE LIBRARY.

Among the accessions to the Bureau Library for the week ending February 9 are:

American farming (Chicago)

Semi-annual digest of cooperative agricultural extension workers' activities comp., classified and pub. March, 1922-Sept. 1922. Chicago, 1922.

Argentine Republic. Oficina cartografica.

Nueva mapa de la Republica Argentina y sus paises limitrofes, Chile, Uruguay y Paraguay... Buenos Aires, 1919.

Kayden, Eugene M.

The evolution of co-operation in Russia... (In the Economic World, n.s. v.25, No. 4, January 27, 1923, p.116-117)

"Republished from v.1, No. 2 of "Agricultural Co-operation," issued by the Bureau of Agricultural Economics, United States Department of Agriculture.

Kent, F. I.

F. I. Kent on co-operative marketing as aid to farmer. (In the Commercial & Financial Chronicle, v.116, No.3005, January 27, 1923, p.366-367)

Montgomery, B. G. de.

British and continental labour policy... London, K. Paul, Trench, Trubner & Co., ltd., 1922.

Omaha. Union Stock Yards Co.

38th-39th annual live stock report, 1921-22. South Omaha, Neb., Union Stock Yards Co. of Omaha [1921-22]
With summary for the years, 1884-1922.

Rand and McNally.

Commercial Atlas of America, Ed. 54, 1923.

Secrist, H.

The control of expenses and profits in the retail merchandising of clothing. Chicago, Northwestern University. School of Commerce. Bureau of Business Research, 1922.

(Northwestern University. School of Commerce. Bureau of Business Research. [Publications] ser. II, No. 6)

U. S. Bureau of Efficiency.

... Report on the statistical work of the United States government submitted to Congress in pursuance to the acts of March 1, 1919, and November 4, 1919. 1922.

Submitted by Herbert D. Brown, Chief, Bureau of Efficiency.

U. S. Federal Trade Commission.

Index-digest of vols. I, II, and III of decisions of the Federal Trade Commission with annotations of federal cases. March 16, 1922 to June 30, 1921. Washington, 1922.

U. S. Bureau of Labor Statistics.

Miscellaneous series. Washington, 1923.

Bulletin No. 313. Parker, Florence E. Consumers' cooperative societies in the United States in 1920.

U. S. Superintendent of Documents.

Important radio publications. Washington. [1922?]

U. S. Tariff Commission.

... Preferential transportation rates and their relation to import and export traffic of the United States. Washington, 1922.

U. S. Tariff Commission.

... Report on the Emergency tariff act of May 27, 1921. Rev. ed. Washington, 1922.

BUREAU BREVITIES.

20. GRADES FOR WHOLE MILK AMERICAN CHEESE, as outlined by C. W. Fryhofer and Roy C. Potts, in the Handbook for use in inspection, were given endorsement in an editorial of The New York Produce Review of February 7. The following paragraph concludes the statement: "We believe the cheese trade as a whole is indebted to the department for its work, and should cooperate in securing for the new grades general official recognition."

21. INCREASE OF TENANT FARMING IN THE UNITED STATES, a statement issued by Dr. C. L. Stewart in mimeographed form appears in the January issue of The Tenant Farmer's Bulletin, Lewiston, Nebr. This is the third time articles prepared by Dr. Stewart have found their way into print, although they were not regularly submitted. The other two articles appeared in the March, 1922, and August, 1922, numbers of The Banker-Farmer.

22. TENTATIVE GRADES FOR STRAWBERRIES formulated by this bureau will be used as the basis for the pack put out by the Plant City Growers Association, Florida, according to C. W. Hauck, Investigator in Marketing Fruits and Vegetables. Mr. Hauck is now in Florida studying problems encountered by strawberry growers with a view to suggesting improvements in marketing.

23. CROP CONDITIONS IN LIBERIA, West Africa, are reported upon in an interesting letter received from Ellis H. Robinson, of the St. John's Industrial School, Cape Mount, Liberia. In exchange for Weather, Crops and Markets, Mr. Robinson submits reports on trade in agricultural products in Liberia.

24. THE ECONOMIC WORLD for January 27 reprints in full E. M. Kayden's article on The Evolution of Co-operation in Russia, which originally appeared in vol. 1, No. 1 of the mimeographed series, Agricultural Cooperation.

25. IN THE BOWLING LEAGUE. Agricultural Economics lost two games to States Relations Service, and Farm Management lost two games to Chemistry last Wednesday.

PERSONALS.

Dr. Taylor, while in Denver attending the meeting of the Agricultural and Live Stock Statisticians, will address the Denver Agricultural and Live Stock Bureau, February 13. Before returning to Washington Dr. Taylor will attend the meeting of the Four State Regional Conference at Minneapolis, February 16 and 17.

Lloyd S. Tenny, Assistant Chief, who was absent last week on account of La, grippe, returned to the office yesterday morning.

R. P. Teele, of the Division of Land Economics, is spending two months in the West making a study of State irrigation policies. While in California, Mr. Teele will deliver several lectures on land settlement in connection with the Short Course at the University of California.

F. G. Robb, in company with F. Earl Parsons, of the Division of Markets, Richmond, Va., spent last Wednesday at Charles Town, W. Va., conferring with the Legislative Committee of the State Horticultural Society. As a result of this conference, the committee decided to recommend that West Virginia adopt the barreled-apple grades established by this bureau. The committee also recommended the adoption of an amendment to the grading law providing for an appropriation of \$10,000 and a revolving fund of fees collected for the support of a joint Federal-State shipping-point inspection service.

Roy C. Potts left Washington last Sunday for Richmond, Va., where he will confer with poultrymen, State officials and others on matters pertaining to the marketing of poultry.

Theo. Wade, of the Division of Agricultural Cooperation, will on February 14 go to Sandy Spring, Md., to attend a meeting of the Federation of Farmers' Clubs, and will make an address on "Marketing Farm Products in Eastern United States."

H. J. Clay, of the Fruit and Vegetable Division, returned to Washington last Friday after having spent five days in the peanut belt of Virginia. For the first three days of last week, A. A. Ruark, Photographer, was with him and took photographs of different operations in peanut cleaning and shelling factories. Some interesting photographs of processes in a peanut candy and butter factory were also secured. Mr. Clay visited Norfolk, Suffolk, Petersburg and Franklin and discussed the present market situation with peanut shippers.

John H. Cox, of the Grain Division, after returning to the office for a day last week, had to go back to bed and is very sick with erysipelas.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

February 20, 1923.

Vol. 8, No. 8.

1. HEARINGS ON RYE GRADES ANNOUNCED.

Hearings upon proposed official grain standards of the United States for rye, to be established and promulgated by the Secretary of Agriculture under the grain standards Act effective on or about July 1, 1923, will be held at the following places on the dates indicated:

- February 26, beginning at 10 a.m., New Orleans, La.,
St. Charles Hotel;
- February 28, beginning at 10 a.m., Chicago, Ill., Fort
Dearborn Hotel;
- March 1, beginning at 10 a.m., Minneapolis, Minn.,
Assembly Room, Court House;
- March 7, beginning at 10 a.m., New York City, Board of
Managers Room, New York Produce Exchange.

The basis for discussion will be the grades recommended by this bureau and published in Department Circular No. 246. These grades are the result of extensive investigations relating to the various phases of the rye industry, including production.

Lloyd S. Tenny, Assistant Chief, will conduct the hearings, assisted by H. J. Besley and E. G. Boerner. Mrs. M. M. Wright will report the New Orleans and New York hearings, while Miss W. M. Daish will report those held at Chicago and Minneapolis.

Producers of grain, millers, merchants, manufacturers, bankers, grain inspectors, members of exchanges, warehousemen, carriers, and other persons interested are invited to be present at these hearings, where opportunity for oral discussion will be afforded to as many as practicable. Written communications received on or before March 10 will be considered. These should be sent to the Chief of the Bureau of Agricultural Economics.

2. AMERICAN FARM LOCAL TO HAVE EXTRA SESSION WEDNESDAY.

J. Duane Livingston, Specialist in Chattel Paper, New York City, will speak before the District of Columbia chapter of the American Farm Economic Association, tomorrow, February 21, at 4:40 p.m. in the conference room, (411) Bieber Building. Mr. Livingston will speak on live-stock loans from the point of view of the lender. Members of the staff are cordially invited to attend.

3. EDWARD A. FOLEY ATTENDED ROWETT INSTITUTE MEETING, SCOTLAND.

That the United States is about thirty years ahead of the rest of the world in agricultural research was stated by Dr. Orr, Director of Rowett Institute, University of Aberdeen, Scotland, and Prof. Hendrick, of the North of Scotland College of Agriculture, according to Edward A. Foley, our Agricultural Commissioner at London. Mr. Foley attended the reception and dinner at the Rowett Institute, January 18, when an opportunity was given to those interested to inspect the institute and experimental farm buildings. He reports: "The meeting of the institute was a very interesting one and was very valuable in view of the fact that we were able to come in contact with the foremost feeders and exporters of cattle in the United Kingdom, especially in Scotland where the finest feeding is done. Aberdeen is in the heart of the best cattle feeding country and I had the opportunity of visiting several feeding stations."

In responding to the toast to "other research institutions" Mr. Foley spoke of the work done by this department and by State and other colleges and research institutions in the United States. Mr. Foley states that:

"The Scotch are a very appreciative audience - the speaking began at 9 o'clock, my talk began at 12 o'clock. There were about seven more speakers and two volunteers after I got through. It might have been a feast of oratory - there is such a thing as too much of a good thing."

4. FOOD-PRODUCTS INSPECTION SERVICE ENDORSED.

"It is your committee's belief that the present scope of Government inspection has been of great benefit to the industry and we earnestly recommend that members take advantage of United States Government inspection service wherever possible" reads the report of the Committee on Standardization of Grades and Inspection of the American Fruit and Vegetable Shippers Association submitted at the annual business meeting of the association held at Chicago, January 17-19.

The report continues: "We further recommend that the inspection service of the Government be enlarged and extended as rapidly as possible to adequately cover all points where there is a substantial need or desire for it because of its protective means in providing a better record of conditions at shipping point and destination."

5. LAND UTILIZATION COMMITTEE SUBMITS REPORT.

The Committee on Land Utilization appointed last year by the Secretary, of which Dr. L. C. Gray of the Division of Land Economics is chairman, has completed and sent to the Secretary a partial report. This report comprises estimates of the amount of land now devoted to the three uses, - crops, pasture and forest, - of the probable future requirements of land for these three uses as affected by prospective changes in productivity and in standards of consumption, and the relation of these future needs to the potential supply of land available for the several uses. The report also includes some implications with respect to land policy based on the estimates.

6. INVESTIGATION REVEALS IRREGULAR PRACTICES UNDER WAREHOUSE ACT.

Upon complaint of the Memphis Terminal Corporation, a warehouseman licensed under the United States warehouse Act, that changes were being made in warehouse receipts issued by it, an investigation was instituted during the course of which it was developed that of receipts issued to the Staple Cotton Cooperative Association, of Greenwood, Miss., the grade designation had been changed on some 1100 receipts and the length of staple had been inserted on about 2900 receipts. The investigation developed the further fact that the changes were made in the offices of the Staple Cotton Cooperative Association by clerks of the association without authority or the knowledge of the management of the association. It was also shown that apparently there was no intent to defraud or deceive anyone, and without doubt, no one had lost anything through the transaction. The Staple Cotton Cooperative Association made due apology to the Memphis Terminal Corporation, offered a proper explanation to this bureau and prepared a statement for publication in the press, which was supplemented by a statement from the cashier of the trustee bank, which handled the loans and held the receipts for the War Finance Corporation.

In commenting on the benefits derived from the warehouse Act, the President of the Staple Cotton Cooperative Association said: "One of the basic policies determined upon by those promoting this association was that its financing would be done through the use of warehouse receipts issued under the United States warehouse Act.*** The association, both last year and this year, placed every bale of its cotton in Federally-licensed warehouses for the simple reason that it feels that it is to its interest to have the very best type of collateral it can secure."

7. GRAIN GRADING CLASS TO VISIT BALTIMORE OFFICE.

Arrangements have been made for the grain grading class of the University of Maryland to visit the Baltimore Office of Federal Grain Supervision next Saturday, according to a letter just received from Harold Anderson, Grain Supervisor at Baltimore. The class will be shown through both the inspection and supervision laboratories and will have an opportunity of visiting the trading floor of the chamber of commerce. A visit to one of the local elevators will also be made in order that the students may observe the handling and sampling of grain for export shipment.

On February 15, Mr. Anderson went to College Park and gave a lecture on "Federal Regulation of Grain Inspection" to the grain grading class. About forty students were present and after the lecture were given an opportunity to ask questions relative to the grading and handling of grain.

8. "FOREIGNERS" MAKE MERRY.

Dinner and sociability lubricate the wheels of business, thought the Section of Foreign Competition and Demand, so it planned the dinner and story-telling fete which was held at The Hut, Grace Dodge Hotel, last Thursday evening. Nineteen members of the section, the wives of three members,

Mr. and Mrs. Tenny and C. L. Christensen constituted the group which after dinner gathered around the fire place and listened to L. G. Michael "the marvelous story-teller" and others who spoke briefly of their present work and of future prospects and possibilities.

Dr. O. C. Stine, in charge of the foreign marketing work, introduced Mr. Michael as a traveler and asked him to tell about his travels, starting where he pleased, going where he pleased and talking as long as he pleased. Mr. Michael, who is a born story-teller, related personal incidents in connection with visits to foreign countries, particularly Russia. In addition to Mr. Michael, the program included: "What Shall We Read", Olive M. Ford; "Best Short Story of 1923", Lila M. Thompson; "Wool Gathering", Robert Skliar; "The Price We Pay", P. F. Brockens; "Market News by Cable", Leo J. Schaben; "Historical Aspects of the Tariff", C. L. Luedtke; "When Our Ships Come In", Caroline G. Gries.

The invitation to the dinner was cleverly worded as follows:-

We have striven long and struggled,
 We have worked long days together.
 Now a banquet we are planning,
 We shall join in happy feasting.
 And among the guests assembled
 There shall be a story teller,
 Yes, a marvelous story teller,
 Who shall tell the tales of wonder,
 Tell us of some strange adventure,
 That the feast may be more joyous,
 That the time may pass more gaily,
 That the guests be more contented.
 Come and join the merry-making.
 Come with light hearts and with gladness,
 Bring your wives and bring your sweethearts,
 When the evening sun descending
 Sets the clouds on fire with redness.
 Come ye all unto the feasting,
 Come ye then unto "The Hut".

9. TOMORROW NIGHT'S THE NIGHT.

To dance or not to dance is not the question, but whether we are going to encourage our boys in the activities of the Junior Improvement Association is the important consideration. The last call for your support by attending the basket ball game and dance to be given tomorrow evening, February 21, in Center Market Auditorium, goes forth with this issue of The B. A. E. News. Mr. Pugsley, Assistant Secretary, Mr. Tenny, Assistant Chief, and other officials will attend. The Secretary and Dr. Taylor will be there if they have returned to the city by tomorrow night. Will YOU be there? The boys will look for you.

10. AT THE BUREAU COUNCIL.

Mr. Tenny introduced J. H. Riddle, of the Treasury Department, who spoke about his work which he defined as rapid-fire work rather than research. He said his principal duties dealt with financing and banking, including studies of the public debt, receipts, and expenditures. A revision of circulation statements and investigations of tax exemption and the silver question were also among the duties of his unit. A concise statement of the history of financing the war and of the history of financing under the Federal Reserve system is now being prepared to be issued in pamphlet form later. By means of a number of interesting graphs, Mr. Riddle showed receipts and disbursements of public funds.

V. N. Valgren, in outlining pending credit legislation, gave the outstanding features of each of the three more important bills now before Congress.

The Capper bill which has passed the Senate and is now before the Committee on Banking and Currency in the House is permissive in its nature. It authorizes the incorporation under Federal charter of Federal live-stock and agricultural loan corporations with powers to discount and otherwise to deal in paper representing loans on live stock. The maximum term of discount on this type of paper is three years. Paper based on warehouse receipts representing stable agricultural products may be discounted for a term not exceeding nine months.

The Lenroot bill which has also passed the Senate and is before the House Committee on Banking and Currency, sets up a farm credits department in each of the 12 Federal land banks, Mr. Valgren said. Such departments may discount and deal in agricultural and live-stock paper with terms of maturity ranging from six months to three years.

The Strong bill, or as it might now be called, the McLean-Strong bill, has been reported by the Committees of Banking and Currency in both Houses of Congress. This bill amends the provisions in the Federal Farm Loan Act referring to the permanent organization of the Federal land banks, by changing the number of directors of each bank from 9 to 7. According to this amendment 3 of the 7 directors shall be elected by the borrowers and 3 appointed by the Federal Farm Loan Board. A seventh director, who shall be president of the board of directors shall be appointed by the Federal Farm Loan Board from among the 3 men receiving the highest number of votes from the borrowers as nominees for this position. The Act is further amended by authorizing a Federal land bank with the approval of the Federal Farm Loan Board to place loans through agents when deemed desirable, even though the territory in question is already occupied by a national farm loan association. Some changes are also made in the provisions of the Act governing the issuance of farm loan bonds. There is considerable divergence of opinion as to whether or not the amendments proposed would tend ultimately to eliminate the national farm loan associations, as well as on the question of whether such a result would or would not be detrimental to the system, Mr. Valgren pointed out.

Mr. Marquis announced the important changes to be made in Weather, Crops and Markets. These changes are covered in a separate item.

Mr. Tenny called attention to the forthcoming basket ball game and dance to be given by the Junior Improvement Association and urged that as many as possible attend.

11. DR. NOURSE GAVE INTERESTING TALK ON COOPERATION.

Because most of his studies had been carried on in Iowa, Dr. E. G. Nourse, in addressing the local chapter of the American Farm Economic Association last Wednesday, limited his remarks more or less to the outlook for cooperation in that State. He sketched the development in Iowa, outlined its problems and touched upon obstacles and accomplishments. He spoke also of the present status of the grain elevators and the difficulties that must be overcome if the elevators are to continue in business and function to the best advantage.

12. ASSOCIATE AND ASSISTANT MARKETING SPECIALISTS EXAMINATION TO BE HELD.

A non-assembled examination for Associate Marketing Specialist, \$3,000-\$4,000 a year, and Assistant Marketing Specialist, \$2,400-\$3,000 a year (tobacco standardization and warehousing) has been announced by the Civil Service Commission. Papers will be rated as received until April 30. Persons thoroughly acquainted with the commercial grades of tobacco are urged to enter this examination.

Competitors will be rated on education and experience and on a thesis or discussion to be filed with application.

The duties of the Associate Marketing Specialist will be to direct and to conduct investigations relating to commercial grading of tobacco, to inspecting and sampling tobacco, to warehousing of tobacco and other agricultural products; to supervise the work of warehouse inspectors; to assist in the administration of the United States Warehouse Act; to address public meetings; and to assist in conducting educational campaigns relating to the act. The duties of the Assistant Marketing Specialist will be to assist Associate Marketing Specialists in investigations to determine the relative qualities of tobacco for commercial purposes; to assist in the inspection of warehouses used for storing agricultural products, and to assist in performing other duties.

Applicants must show that they have graduated from a full four years' high-school course or completed at least 14 units of high-school work. Experience in either tobacco grading or warehousing will be accepted in lieu of each year lacking of a four years' college course.

For the position of associate specialist, applicants must show that they have had at least five years' experience of a responsible character in the actual determination of grades or relative qualities of tobacco for commercial purposes; for the position of assistant, applicants must have had at least two years of such experience.

Further information may be obtained from the Personnel Section.

13. VOLUME AND NUMBER SHOULD BE INDICATED ON REQUESTS FOR WEATHER, CROPS AND MARKETS.

When requesting copies of Weather, Crops and Markets from the Division of Publications, the volume and number of the desired copies should be indicated as well as the date of the periodical.

14. OLD COPIES OF WEATHER, CROPS AND MARKETS NEEDED.

The Division of Information needs for binding purposes 50 copies of Weather, Crops and Markets, Vol. 1, Nos. 3 and 4. If copies can be spared, Miss Rhodes will appreciate having them sent to her in room 709, Bieber Building, as soon as possible.

15. MEMORANDUM TO THE FIELD.

With this issue of The B. A. E. News, Office of the Secretary Memorandum No. 419, regarding the sale of reports of hearings, is being sent to field offices.

16. BRANCH OFFICE DIRECTORY.

LOS ANGELES, CALIFORNIA. The entry for the office of the Marketing Live Stock, Meats and Wool Division should be changed to read as follows:

Marketing Live Stock, Meats and Wool Division,
In Charge, Frank Hiler.
207 Exchange Bldg., Union Stock Yards.

OFFICIAL ITEMS.17. CHANGES TO BE MADE IN WEATHER, CROPS AND MARKETS.

Certain changes in the subject matter and make-up of Weather, Crops and Markets are to be made effective with the issue of March 10. Pages will be divided into two columns instead of three as at present. The first page will contain table of contents and general summary of crop and market conditions for the week, and the second page will contain monthly summaries giving condensed pictures of crop and market conditions both in this country and abroad.

The present form and content of some of the tables will be enlarged to include comparative data and other figures which show market trends and price movements over a longer period of time than the tables now show. The weekly market reviews will be presented in the briefest possible space without omitting the essential facts or repeating what is presented in the tables or charts.

18. USE OF OWN AUTOMOBILE AT OFFICIAL STATION.

The following decision of the Comptroller General regarding reimbursement for the use of personally-owned automobile at official station in lieu of street cars by officials of this department is of interest:

"The authority for the allowance of not to exceed 7 cents per mile to officials of the Department of Agriculture for travel performed in automobiles in lieu of actual travel expenses when the expense of travel can

be thereby reduced, conferred upon the Secretary of Agriculture by the act of May 11, 1922, 42 Stat., 538, does not extend to authorizing such allowance for use of own automobile for official business at an official station, and reimbursement for such use when authorized in lieu of street cars is limited to the cost of gasoline, oil, etc., actually consumed."

19. FILES SHOULD BE KEPT INTACT.

As is generally understood, the Mails and Files Section endeavors to assemble all correspondence from a writer on one subject, and this file is given a number and recorded accordingly. When such a file is referred to an individual or division, and any part of it is detached without the knowledge of the file section, it is obvious that the record is incomplete, and it is difficult, sometimes impossible to locate missing letters. The breaking of a continuous chain of correspondence by detaching letters from a file has occurred on numerous occasions recently, the file room reports, and because of the confusion such practice causes, it is requested that files be kept intact. Where it seems necessary or desirable that certain letters be retained in the divisions, the Mail and File Section should be notified in order that it may make the proper notation in its records

20. IN CONGRESS:

- H.R. 13481, the agricultural appropriation bill which was returned to conference on account of the disagreement of the two Houses on the item concerning Forest Roads and Trails has been agreed to by the Conference Committee and the conference report adopted by both Houses. The bill will now go to the President of the United States for signature.
- H.R. 14302, to promote the use of the official cotton standards of the United States, etc., passed the House and was referred to the Committee on Agriculture and Forestry in the Senate
- H. R. 12053, providing a standard for butter passed the House and was put on calendar of Senate. This bill is similar to S. 3858 now before the Senate.
- H. R. 14270, to amend the Farm Loan Act has been reported from the Committee on Banking and Currency of the House.
- S. 3220, to amend the United States Warehouse Act has been passed by both Houses.
- S. 4478, a bill intended to stabilize the price of wheat has been reported to the Senate from the Committee on Agriculture and Forestry with report No. 1141.
- S.J.Res. 265, providing for the purchase and distribution of Nitrate of Soda by the Government came up for discussion on the floor of the House but was not passed.

NEW BILLS:

H. J. Res. 466, by Mr. Voigt directing the Federal Trade Commission to investigate the proposed merger of Armour and Co., and Morris and Co; referred to the Committee on Agriculture.

S. 4543, by Senator Spencer to amend an Act entitled "An Act to provide compensation for employes of the United States suffering injuries while in the performance of their duties, and for other purposes," referred to the Committee on the Judiciary in the Senate.

The President of the United States transmitted to Congress a supplemental estimate of \$25,000 to be used during the fiscal year 1923 for the collection of seed loans; referred to the Committee on Appropriation and ordered to be printed (H.Doc. 566).

21. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending February 16 are the following:

Chamber of Commerce of the United States, Washington, D. C. Organization service bureau.

Convention dates of national and trade associations; dates and places of meeting of conventions to be held by national and trade associations. Issued Jan. 1, 1923. Washington, D. C., Chamber of Commerce of the United States [1922]

Ely, R. T.

Outlines of land economics... Ann Arbor, Mich., Edward Brothers [1922] v.1. Characteristics and classification of land.- v.2. Costs and income in land utilization.- v.3. Land policies.

Guaranty Trust Company of New York.

American goods and foreign markets [semi-monthly] Feb. 3, 1919- New York, 1919.

International Institute of Agriculture. Bureau of Agricultural Legislation. Annuaire international de législation agricole, XI^{ème} année, 1921... Rome, 1922.

International Labor Office, Geneva.

Industrial and labour information [weekly] v.5, No. 1- Jan. 5, 1923- Geneva [1923]

Kelly, Ernest.

Market milk... New York, J. Wiley & Sons, 1923.

Kyle, Edwin Jackson,
 Fundamentals of Farming and farm life... [Rev. ed.] New York,
 Chicago [etc.] C. Scribner's Sons [1922]

National Council of Farmers' Cooperative Marketing Associations.
 Annual convention, 1st; Dec. 14-15, 1922, New Willard Hotel,
 Washington, D. C. Washington, D. C., Reported by R. L. Holmes,
 Inc. [1922]

BUREAU BREVITIES.

22. TWO MORE TRACTOR PUBLICATIONS have come from the press: Farmers' Bulletin No. 1295, "What Tractors and Horses Do on Corn Belt Farms", and Farmers' Bulletin No. 1296, "Changes Effected by Tractors on Corn Belt Farms". Both bulletins are by L. A. Reynoldson and H. R. Tolley and both belong to the series of six farmers' bulletins submitted by the Farm Power Committee of which Dr. Taylor is chairman.

23. COOPERATIVE LIVE STOCK SHIPPING ASSOCIATIONS form the theme of Farmers' Bulletin No. 1292 now available. Organization and management are treated in some detail. This publication takes the place of Farmers' Bulletin No. 718, long out of print but still in constant demand. The present bulletin is the result of collaboration between the following workers who are mentioned in the boxed statement: S. W. Doty, Turner Wright, O. B. Jesness, F. S. Ruggles, Ralph Loomis, C. A. Burmeister, and L. B. Burk.

24. PROF. J. N. LIPSCOMB, of the Mississippi A. and M. College, is conferring with members of the bureau in Washington relative to cooperative work in farm management and cost of production to be undertaken in his State during the coming year. Prof. Lipscomb expects to stay in Washington about a month.

25. METHODS OF MARKETING THE COWPEA SEED CROP are outlined and discussed briefly in Farmers Bulletin No. 1308 by J. E. Barr. Direct and practical suggestions are given for the guidance of the farmer.

26. "MARKETING AMERICAN PORK IN ENGLAND" is the title of a report by E. C. Squire, Specialist in Foreign Marketing, Live Stock and Meats. The report which has been mimeographed and distributed by the Division of Statistical and Historical Research was edited by Leo J. Schaben Jr.

27. NEW YORK HAY AND GRAIN DEALERS' ASSOCIATION adopted the United States grades for hay effective February 1.

28. FEBRUARY 22 is a legal holiday and therefore the offices of the bureau will be closed all day.

29. IN THE BOWLING LEAGUE. Agricultural Economics lost three games to Chemistry, while Farm management won two from States Relations Service last Wednesday.

PERSONALS.

Dr. Taylor is expected to return from the West the latter part of this week.

W. A. Sherman returned to his desk today.

Dr. O. E. Baker returned to duty on Wednesday after an absence of over a week with La Grippe.

Bruce McKinley and J. J. Vernon have gone to Ohio to obtain records of farm business for 1922 in Palmer Township, Washington County. This is the eleventh year of a continued study of incomes and profits of farmers in that area.

H. W. Hawthorne is at the Agricultural College, Newark, Del. assisting in analyzing the data which were obtained last November in the farm management survey in Sussex County.

The Division of Land Economics received on February 14, a report from R. P. Teele giving a synopsis of the main points of interest at the Land Settlement Conference in session at Berkeley and enclosing a copy of the paper "Financing Reclamation and Land Settlement", which he read before the conference, February 7.

G. Avery Dabinett, Assistant in Federal Grain Supervision, has tendered his resignation, effective February 28, to become associated with The Caslon Press, Inc., Printers, Birmingham, Ala. Mr. Dabinett transferred to the former Bureau of Markets in 1916 from the Bureau of Plant Industry, where he had served since 1912.

H. F. Buchanan and R. M. Roudabush, of the Cost of Marketing Division, recently returned from Chicago where they conferred with W. W. Woods and D. W. Martin representing the Institute of American Meat Packers, John T. Russell, of the International Association of Meat Councils, H. Kaiser, Secretary of the Meat Council of Chicago, and Dr. Horace Secrist of Northwestern University, in regard to the accounting system which is being prepared by this bureau in cooperation with the Northwestern University, for the use of retail meat dealers. On February 8, Mr. Buchanan addressed a meeting of the United States Butchers of America. He outlined the work of the bureau in connection with cost studies of the retail meat business; pointed out particularly the value of the work to the individual dealer; and described methods which will be used in determining certain standard costs. The use of the standard accounting system now being prepared is essential to the successful prosecution of the cost study, and general adoption by the retail meat trade of such a system will make possible the collection of very valuable figures.

Mr. Buchanan and Mr. Roudabush left Washington last Sunday for New York City, where they will confer with the officials of the local meat councils and Master Butchers Association regarding the installation of the standard account-

ing system. It is expected that they will attend the meetings of the retail dealers from time to time to bring the subject before individual members of these organizations.

Because of the transfer of Miss Norma C. Twiss to the Bureau of Plant Industry, effective February 16, Miss Dorothy E. Roddy succeeds Miss Twiss as secretary to the head of the Branch of Operation and as head clerk of that division.

G. C. Wheeler, of the Hay, Feed and Seed Division, will leave Thursday for Albany, N. Y., to confer with representatives of the State Department of Farms and Markets relative to a feed market reporting service for the State of New York.

M. A. Crosby, of the Hay, Feed and Seed Division, has been transferred to the Tariff Commission, effective February 23, to assist in agricultural production work with special reference to cotton. Mr. Crosby entered the former Bureau of Markets in 1920, transferring from the old Office of Farm Management, where he had served for five years. Previously, he had been connected with the Bureau of Plant Industry for a number of years.

K. B. Seeds, in charge of hay inspection, left Washington yesterday for Harrisonburg, Staunton and Richmond, Va. to confer with hay producers and dealers, and representatives of the Virginia Division of Markets, relative to the formation of a hay producers' association for the purpose of securing Federal hay inspection service.

E. G. Boerner left Washington on February 18 for New Orleans to confer with officials of the Grain Division in regard to the rice investigational work and also to attend the rye hearing to be held at New Orleans on February 26.

H. J. Besley will leave Washington February 24 to attend the rye hearing to be conducted at New Orleans on the 26th.

F. W. Sweitzer, of the Grain Division, has returned from Buffalo, N. Y., where he was called on account of the death of his father, February 6.

D. W. Foley, Head Clerk of the Division of Information, was called to Westerly, R. I., last Saturday on account of the death of his brother.

E. B. Ballow, who has been conducting a study of the cost of marketing grain in Kansas for several months, was in Washington for about ten days for conferences regarding the progress of this work. He returned to Kansas last Friday.

William M. Carpenter, of the Cost of Marketing Division, returned from Ohio where he has been working among the cooperative live stock shipping associations on the costs of marketing live stock.

Frank E. Manning and W. H. Beyer have returned from Presque Isle, Me., where they collected data on the cost of marketing potatoes.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

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February 27, 1923.

Vol. 8, No. 9.

1. STATISTICAL EXPERTS SUBMIT ADDITIONAL RECOMMENDATIONS.

The committee of statistical experts composed of Carroll W. Doten, of the Boston Institute of Technology, Prof. Warren M. Persons, of Harvard, W. I. King, Statistician in the Bureau of Business Research of New York, and Dr. G. F. Warren, of Cornell, spent last Friday and Saturday in Washington examining the statistical work of the bureau. As a result of its study, the committee made the following recommendations:

1. Consolidation of the work of machine tabulation.
2. Revision of the historical records of acreage, crop production, live stock estimates, etc. since the work was begun, and the publication of same.
3. Ascertaining and forecasting prior to the planting season the probable intended area to be devoted to various crops.
4. Setting forth clearly the specific purpose for which index numbers are intended.

In a memorandum to the Chief, it is stated "The committee feels that more has been accomplished than it could reasonably have hoped toward putting into effect the recommendations which it made on the occasion of its former visit a year ago." However, the committee resubmits certain recommendations including:

1. Publication of a monthly statistical supplement to Weather, Crops and Markets.
2. Publication of estimates as follows: a. Most probable estimate; b. Probable upper limit; c. Probable lower limit.
3. Presentation of statistical results in graphic as well as tabular form.
4. Improvement of statistics of milk production.

2. ADDITIONAL HAY INSPECTORS TO BE TRAINED.

The second school for training hay inspectors will be held at Auburn, N. Y. beginning March 5. The school term will last two weeks and will be conducted by K. B. Seeds, Specialist in Hay Inspection, H. B. McClure, Specialist in Hay Marketing, and S. N. Swartwout, Hay Inspector. About twelve members of the New York State Grain and Hay Dealers Association and two or three persons from other States will take this preliminary training for shipping-point inspection. Those completing the course will be stationed at central points in the hay producing sections of New York. This will make Federal hay inspection available at practically all shipping points in that territory.

3. COOPERATIVE SHIPPING POINT INSPECTION WORK MAY BE INCREASED.

Tentative arrangements for cooperative shipping-point inspection were made with the States of Texas, Florida, Georgia and North Carolina, by W. A. Sherman, who returned to Washington last Tuesday after an absence of two months. A cooperative agreement will be made with Texas for inspecting Bermuda onions at shipping points. Watermelons will be inspected at Florida and Georgia shipping points, and peaches and possibly other products in North Carolina, if the tentative arrangements are made effective. In the case of Georgia, L. B. Jackson, Director of the State Bureau of Markets, has entered into an agreement to start the service with the beginning of the watermelon season. If certain legislation now before the Texas legislature is enacted into law, it is possible that a joint inspection service may be offered to Texas shippers of fruits and vegetables generally, Mr. Sherman reports. He also had conferences with State officials in Utah and Nevada concerning shipping-point inspection work in those States for the coming year. While in California, he consulted with State officers regarding possible reorganization of shipping point inspection in that State and ascertained what changes would be necessary in the cooperative agreement with this bureau under the new State organization.

4. BUREAU LUNCHEON HELD LAST FRIDAY.

Dr. W. A. Taylor, Chief of the Bureau of Plant Industry, and Charles W. Holman, Secretary of the National Milk Producers' Federation, were the honor guests and speakers at the bureau luncheon held at the City Club last Friday.

Dr. W. A. Taylor spoke of the bureau as he had known it, referring in a jocular manner to its many names or "labels" as he called them. He emphasized the need for actual facts concerning production and distribution, and mentioned the desirability of encouraging or stimulating group production and distribution. He said the cooperative spirit which exists throughout the bureau is a very welding and unifying influence.

Charles W. Holman outlined the development and work of the National Milk Producers Federation, an organization which he said represented over 200,000 dairy farmers. The federation maintains an office in Washington with Mr. Holman as its representative. This office keeps in touch with all legislative matters which may affect members and supplies an informational service for members.

Dr. H. C. Taylor, who presided, expressed gratification at being back in Washington after a three-weeks' absence. He said "I had no worry at all how things were going in Washington during my absence, and since returning have evidence that they were going well. I had a good trip and learned a great deal, which will ultimately show in the outlining of the work of the bureau."

5. SUBSISTENCE SUPPLIES FOR PUBLIC HEALTH HOSPITALS INSPECTED BY BUREAU.

Twenty-seven inspections, amounting to 43,143 pounds of fruits and vegetables purchased by the various stations of the public Health Service in greater New York were made during the last half of January by the New York office of the Food Products Inspection Service. This service was undertaken

on January 15 and covers subsistence supplies for the marine hospitals at Stapleton, Ellis Island, and Hudson Street, and the U. S. Quarantine Station located at Rosebank, Staten Island. All expenses in connection with this work are paid by the Treasury Department.

6. AT THE BUREAU COUNCIL.

"What's Worth Doing can be Done", the motto of this bureau, is being lived up to, according to Dr. Taylor, who pointed out that the shipping point inspection service which has been inaugurated mainly through the efforts of W. A. Sherman was started off practically without financial assistance from the Federal Government.

Mr. Sherman spoke of his recent trip and said that in the West great interest was manifested over the proposed leased wire. In connection with the shipping point inspection service in progress in California, oranges will for the first time be inspected by grade. It is expected that at least 1,000 cars will be inspected on grade this season. Heretofore all sales of oranges have been by brand. Mr. Sherman touched upon the great increase in lettuce acreage in the Imperial Valley the profitableness of which he attributed to the long planting and harvesting seasons and to the high quality of the lettuce produced. He spoke also of cooperative shipping point inspection work which is covered in a separate item.

H. F. Fitts gave a general review of pending legislation which might affect this department, particularly this bureau. He spoke of the present status of the Vestal bill providing for the standardization of hampers and round stave baskets, and stated that through the efforts of H. W. Samson, certain changes had been made in the bill to make it conform with the bureau's idea of what this law should cover. He gave briefly the status of bills relating to cold storage, cooperative marketing, cotton, nitrate, price stabilization, trading rules, grain standards, warehousing, butter standards, pure seed, seed grain loans, credits, radio, truth in fabric, filled milk, the packer merger, and salary increases for scientific workers in the department. His talk elicited the comment that a Congressional legislative program would seem to be in order.

7. NURSES AND AUTOMOBILES AVAILABLES IN CASES OF EMERGENCY.

Misses M. C. Parker, E. B. Johnson, C. M. Vielmann, Mrs. M. R. Pierce and Mrs. A. B. Wiley may be called upon to assist in administering first aid to employes who are ill, according to a notice recently posted in the emergency room. The following persons have kindly offered the use of their automobiles in emergency cases: Miss C. L. Phillips, Mrs. M. E. Murphy, Mrs. Elsie Sollers, C. E. Gage, A. E. Graham, M. H. Hess, G. S. Meloy, E. F. Ramsey Jr., and E. W. Stillwell. Requests for cars should be confined to emergency cases only. So far as possible, calls will be distributed equally among volunteers.

8. JUNIOR FETE BIG SUCCESS.

Ecstasy over the close proximity of sweethearts, relatives and other admirers, overpowered the bureau juniors to such an extent that they went down to defeat 27-13 at the hands of the all-star messenger aggregation picked from the whole department. Our boys started out at a fast clip and in the second quarter were doing well, but seemed to weaken as the game progressed. It seemed impossible for them to stop Bowers, the experienced and rangy center from the department five, who frequently dribbled the length of the floor and caged basket after basket with the able assistance of his guards and forwards. Both teams showed excellent teamwork and the game was fought cleanly. Agricultural Economics was represented by Arthur Anholt, Ernest Green, William Restorff, Harold Mellington, Welford Skinner, Charles Bleam and Frank LaScola. Mr. Davis of the Y. M. C. A. acted as referee.

Our boys might have won had they gotten An-holt of the big center, who proved to be, right and left, Bowers, of the departmental team. Ernest may be Green, but he was a good center. Many have expressed the hope that Elmer, Frank, Harold and the Rest-orff them play regularly. There were fouls and fowls, the latter better known as "chickens" and "Otis" Skinner, the Sheik, Philip, and the Charleses and Franks were right there in the art of "caking", for everyone must admit it is an art.

Financially, the affair was more than a success. A large crowd helped the boys celebrate, and every one, especially the boys and their young friends, enjoyed the party.

OFFICIAL ITEMS.

9. ITEM NUMBERS ON PROPERTY TRANSFER INVOICES.

The Bureau Inventory List contained in the latest revision of the Administrative Handbook has identification numbers assigned to each item and the new cards being written up by the Bureau Inventory Clerk are numbered accordingly. It is suggested that the cards maintained in the division and branch offices be similarly numbered at an early date. All property transfer invoices should in the future show these item numbers in the margin in front of each item. The new transfer blanks now in stock have a column for this purpose. This numbering system has been given a thorough tryout in the inventory offices and has been found to effect a great convenience and saving in time in referring to the card records.

In this connection it is requested that the following changes be made in the Bureau Inventory List as contained in the handbook:

Change "3885. Sections, transfer, storage, cap size" to "756.

Cases, transfer storage, cap size."

Change "3890. Sections, transfer storage, letter size" to "757.

Cases, transfer storage, letter size."

Add "165. Bases for cases, transfer storage, cap size."

"166. Bases for cases, transfer storage, letter size."

If any office has new items for which no numbers are shown in the list now contained in the Administrative Handbook, the numbers can be obtained by communicating with Mrs. Meader in the Bureau Inventory Office.

10. VAULT FOR STORAGE OF INFLAMMABLES NOW AVAILABLE.

To minimize danger from fire or explosion, a vault for the storage of highly inflammable materials used by the bureaus, has been constructed by the department in the grounds near the mechanical shops. One of the cells in the vault has been allotted to this bureau for storing inflammable materials, except necessary quantities for current use (amount needed for a week). Alcohol in barrels is to be kept in the vault.

Any divisions having such materials as benzine, gasoline; etc. should arrange to have them removed to the vault at once. A key to the vault and one to the cell are in the custody of C. F. Duvall.

11. MEMORANDUM TO THE FIELD.

The following memorandums are being sent to field offices with this issue:

Office of the Secretary Memorandum No. 420, containing an amendment to the fiscal regulations regarding actual traveling expenses.

Office of the Secretary Memorandum No. 421, regarding the establishment of an Office of Accounts in the Secretary's Office.

12. IN CONGRESS:

H. R. 13481, The Agricultural Appropriation Bill was signed by the President February 26.

H. R. 14270, the Strong farm credits bill, has been passed by the house.

S. 3220, to amend the United States Warehouse Act has been passed by both Houses.

H. R. 13352, by Mr. Little to authorize the Secretary of Agriculture to purchase, store and sell wheat for the purpose of stabilizing wheat values, etc., was reported to the House from the Committee on Agriculture with report, No. 1671.

H. R. 7735, by Mr. Christopherson, to create the American Stabilizing Commission, etc., was reported to the House from the Committee on Agriculture with report, No. 1672.

H. R. 12966, by Mr. Sinclair, to provide for the purchase and sale of farm products was reported to the House with Report No. 1667.

S. 3757, by Senator Dial, authorizing the Department of Commerce to collect and publish additional cotton statistics was reported to the House from the Committee of Census with Report No. 1644.

H. R. 8086, by Mr. Voigt, to prohibit the shipment of filled milk in interstate commerce has been under discussion in the Senate but no action taken.

NEW BILLS:

H. R. 14400, by Mr. Little to stabilize wheat values.

H. J. Res. 457, by Mr. Haugen to authorize appointment of joint committee of the Senate and House to represent Congress at the World's Dairy Congress.

3. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending February 23 are:

Arnett, A. M.

... The Populist movement in Georgia; a view of the "agrarian crusade" in the light of solid-South politics... New York, Columbia University, 1922.

(Studies in history, economics and public law, ed. by the Faculty of Political Science of Columbia University, v. 104, No. 1; whole No. 235)

Cumberland, M.

The new economics... London, C. Palmer [1922]

Exporters' Encyclopaedia, 18th ed., 1923. New York, Exporters' Encyclopaedia Corporation, 1923.

Ham's year book, 1922, 1922, v. 1. Customs. Laws & regulations of H.M. customs, ... together with directory to the ports, harbours, and bonded warehouses of the United Kingdom... London, E. Wilson, 1922.

Hoover, H. C.

Economic factors in railway rate adjustment. Statement... before the Interstate Commerce Commission, Feb. 3, 1922. Washington, Govt. Print. Off., 1922.

Jevons, H. S.

The future of exchange and the Indian currency. London, Bombay [etc.] H. Milford, Oxford University Press, 1922.

Palm, F. C.

The economic policies of Richelieu... Urbana, University of Illinois [1922]

(University of Illinois. Studies in the social sciences, v. 9, No. 4)

Steiner, W. H.

The mechanism of commercial credit. New York, D. Appleton and Co., 1922.

Taylor, H. C.

The educational significance of the early federal land ordinances ... New York, Teachers College Columbia University, 1922.

(Teachers College, Columbia University, Contributions to education, No. 118)

U. S. Bureau of Foreign and Domestic Commerce.

... Schedule A. Statistical classification of imports into the United States... 2d ed. Washington, 1922.

U. S. Bureau of Foreign and Domestic Commerce.

Schedule B. Statistical classification of domestic commodities exported from the United States... Washington, 1922.

U. S. Congress. Senate. Committee on Appropriations.

Agricultural appropriation bill, 1924. Hearings... Sixty-seventh Congress, fourth session on H. R. 13481... 1923.

BUREAU BREVITIES

14. APPROXIMATELY 25 COUNTRY GRAIN SHIPPERS who attended the recent meetings of the Minnesota Farmers' Grain Dealers' Association and the Tri-State Country Grain Shippers Association at Minneapolis, visited the Federal Office of Grain Supervision in that city. R. C. Miller and his assistants explained in detail the official standards, and demonstrated methods followed in determining grades and dockage.

15. EIGHT REASONS WHY CAREFUL AND UNIFORM GRADING are important in the successful marketing of farm crops are given in a circular prepared by Charles W. Hauck, Investigator in Marketing, now in Florida assisting in the promotion of the use of standard grades for fruits and vegetables. The circulars were printed on the letterheads of this bureau and distributed at the South Florida Fair, held at Tampa, the early part of February.

16. TO BUY OR NOT TO BUY? In Farmers' Bulletin No. 1299 just issued, L. A. Reynoldson and H. R. Tolley discuss the various points to be considered by the farmer who is trying to decide whether to buy a tractor or continue to use farm horses on his corn-belt farm.

17. COSTS OF MARKETING LIVE STOCK IN THE CORN BELT during 1921 are discussed in a preliminary mimeographed report prepared by the Cost of Marketing Division. The report is based upon partial results of the tabulation of data collected from 237 cooperative live stock shipping associations.

18. THE INTERNATIONAL INSTITUTE OF AGRICULTURE building at Rome will be enlarged, according to recent press releases. It is stated that King Victor Emmanuel has set aside 1,000,000 lire for this purpose.

19. AN INTERESTING RECAPITULATION OF UNLOADS on the St. Louis market for the year 1922, with comparative figures for 1921, has been prepared by V. G. Gibson, in charge of the market news service on fruits and vegetables at St. Louis.

20. DR. HENRY WALCOTT FARNAM, political economist of New Haven, Conn. was among the visitors who conferred with Dr. Taylor last week.

21. IN THE BOWLING LEAGUE. Agricultural Economics lost two games to Plant Industry and Farm Management lost two games to Accounts last Wednesday.

PERSONALS

Lloyd S. Tenny is in New Orleans conducting the hearing on the rye grades.

W. A. Wheeler left yesterday for Lansing, Mich. to attend the annual meeting of the Michigan Hay & Grain Association. This association is considering the adoption of the United States hay grades and the putting into effect of a shipping-point inspection service similar to that of the New York State Grain & Hay Dealers Association. Mr. Wheeler will also visit Toledo, Ohio, with a view to getting that market to adopt the Federal grades and establish an inspection service.

F. G. Robb, in charge of the Food Products Inspection Service, left last night for Trenton, N. J. to attend the meeting of State marketing officials from Atlantic Coast States. He will visit the New York offices of his division before returning to Washington.

K. B. Seeds, of the Hay, Feed and Seed Division, has gone to Philadelphia, New York and Boston to confer with Federal hay inspectors and members of the hay trade regarding the inspection and marketing of hay under the Federal grades. He will attend the meeting of State marketing officials at Trenton today and will go to Auburn, N. Y. to conduct the school for hay inspectors.

R. C. Potts and C. A. Burmeister are also attending the meeting of State marketing officials at Trenton today and tomorrow.

Dr. A. B. Cox, of the Division of Cotton Marketing, who left Washington, February 19 for Atlanta, and other Southern points to investigate cotton marketing conditions, returned to his desk yesterday morning.

H. W. Samson returned to Washington Saturday from Boston and New York, where he spent a few days last week conferring with food products inspectors and members of the trade regarding grades for various fruits and vegetables.

W. F. Callander returned to Washington last Thursday morning. After participating in the Denver meeting of statisticians, Mr. Callander visited the offices of his division at Oklahoma City, Okla., Des Moines, Iowa, and Columbus, Ohio, conferring with the officers in charge regarding the crop and live stock reporting work.

H. A. Spilman, in charge of the enforcement of the Standard Container Act, has returned to Washington after a three-months' trip in the interest of the work on standard containers. He visited package factories in Middle-Western and Southern States and spent two weeks with Robert Bier in the Sanford section of Florida studying the packing of celery.

THE B. A. E. NEWS.

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ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

March 6, 1923.

Vol. 3, No. 10.

1. SHIPPING BOARD REQUESTS ADDITIONAL MEAT INSPECTION SERVICE.

So satisfactory is the meat grading service established by the Division of Live Stock, Meats and Wool for the U. S. Lines at New York, that the Shipping Board has requested an extension of the service to include the inspection of all meats bought for the crews of idle ships at New York and Norfolk. W. C. Davis went to New York on February 25 to make some investigations to determine whether the additional service desired could be undertaken.

2. NAT C. MURRAY RESIGNS.

After nineteen years of loyal and able service in the department, Nat C. Murray has tendered his resignation as chairman of the Crop Reporting Board to accept the position of Statistician and Crop Reporter with Clement, Curtis & Co., grain brokers of Chicago. His resignation which was handed to the Chief yesterday will take effect March 31.

Mr. Murray entered the service in 1904 as Field Agent in the old Bureau of Statistics. In 1907 he came to Washington as Assistant Statistician and has been associated with the crop reporting service up to the present time.

3. SPACE CHANGES IN THE FRUIT AND VEGETABLE DIVISION.

H. W. Samson and Mrs. Cecile Linn have moved from room 516 to room 523, Bieber Building. H. A. Spilman, Robert Bier and Miss Anna Ericson will be in room 525, and T. C. J. Baker and F. A. Clark in room 526. W. L. Evans, Mrs. M. E. Lawrence, Miss Mamie Parker and Miss Hilda Mangers are now located in room 503. H. V. DeMott and Mrs. Ethel Mague are temporarily occupying room 513. G. B. Fiske's section, including Miss May Eldridge, Miss Margaret Gachet, Paul Froehlich and Mrs. Doris Ireland, has moved to rooms 516, 516A and 517. Mrs. C. E. Lacy, Mrs. J. N. Vedder, Miss Nellie Hepinger and Miss F. O. Myers, of the Food Products Inspection Service, are now in room 528. Aaron Stambaugh, Miss Pearl Edwards, Mrs. R. G. Tucker, and Miss Elizabeth Sanders have moved from 513 to room 514.

4. AT THE BUREAU COUNCIL.

Three Farm credit bills, the Lenroot-Anderson, the Capper-McFadden, and the Strong bills, with minor changes in each, have now been enacted into law under the official title of the Agricultural Credits Act of 1923, V. N. Valgren told the Council yesterday. This Act provides for a Federal intermediate credit bank in each city now having a Federal land bank. The officers and directors of the respective Federal land banks are made ex officio officers and directors of the new banks to be established. National agricultural credit corporations may be formed by private individuals, which

Library,
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also may deal in intermediate farm credit paper. These will operate under the supervision of the Comptroller of the Currency. The permanent organization of the Federal land banks is provided for under a board of 7 directors for each bank, partly elected by borrowers and partly appointed by the Federal Farm Loan Board. Mortgage loans to individual farmers may be made up to \$25,000 instead of \$10,000. The Federal Farm Loan Board is increased from 5 to 7 members. The term of discount on agricultural paper for Federal Reserve banks is increased from 6 to 9 months. The actual life of the War Finance Corporation is extended to February 29, 1924. This Act, Mr. Valgren stated, should do much to give farmers credit in the amount and for the term they need and should reduce interest rates, particularly for sections remote from centers of loanable capital.

Dr. L. C. Gray, in telling of the prospects for an agricultural census for 1925, stated that the Advisory Committee of the Census agreed to recommend such a census. The committee indicated that this department would be asked to cooperate very closely in planning schedules and planning machinery for taking this census. Our State statisticians may be called upon to act as census district supervisors and with Secretary Wallace's permission, county agents may play a large part in the actual taking of the census.

W. A. Schoenfeld, who was in North Carolina last Friday, told of his conference with Dr. B. W. Kilgore in which he presented our program for marketing research. Dr. Kilgore was interested in a study of cotton marketing and an investigation of the marketing of North Carolina peaches in comparison with Georgia peaches.

Lloyd S. Tenny, who had just returned from Minneapolis, where he conducted the third of a series of four hearings on the rye grades, said the trade unqualifiedly endorsed the idea of Federal grades. The discussion at the hearings centered around questions of details regarding moisture content, foreign material, etc. Mr. Tenny will be in New York tomorrow to preside at the last of the rye hearings.

Mr. Tenny attended a meeting on commodity cooperative marketing called last Friday at St. Paul. He said that Aaron Sapiro in a masterful address advocated cooperative marketing as the solution of the troubles in the Northwest. Plans were made for organizations to handle potatoes, wool and wheat.

The educational background of cooperation in Denmark was covered by C. L. Christensen. He reviewed briefly the present system of education in Denmark which dates back to the Free Constitution of 1849. This necessitated a greater civil education of the rural population if this new governmental democracy and freedom were to be a blessing for the peasants as well as the entire nation. The peoples' high school, which was established in 1850, is an adult university. Each of the 75 of these schools in Denmark instructs an average of 3,000 farmers' sons in winter and about as many farm girls in summer. One of the unique features of the schools is that no entrance tests or examination during the sessions are required. Only adults 18 years or over may attend, the majority of students ranging in age from 20 to 24 years. The instruction comprises literature, history, economics, and sciences, such as chemistry, botany, etc. The lower agricultural schools, of which there are 30 in Denmark, supplement the year's training received at

the high schools with a year's training in the agricultural sciences. Inasmuch as more than 85% of the young men who attend these schools go back to the farms they carry with them the spirit of cooperation with which they are imbued, Mr. Christensen said.

The agricultural societies of Denmark deal only with technical and educational phases of agriculture. They employ crop specialists as well as agricultural specialists to carry the message of the scientists to the 186,000 of the 230,000 Danish farmers who belong to the societies.

5. RED CROSS OFFERS INSTRUCTION IN HYGIENE.

Classes for women in home hygiene and care of the sick are being organized by the District of Columbia Red Cross Chapter, according to a letter recently received from Miss Mabel T. Boardman, Secretary of the American Red Cross. The courses offered consist of fifteen lessons of one and one-half hours each, part of the time being devoted to theory and part to practice. Instruction will be given at National Red Cross Headquarters, 17th and E Streets, N.W. Each class will meet once or twice a week, as best suits its convenience, on Tuesday, Wednesday, Thursday or Saturday, from 4:45 to 6:15 p.m. The minimum number of members for a class will be ten and the maximum number, eighteen. A nominal charge will be made of \$2.50 each for a class of 10 to 14 members and \$2.25 each for a class of 15 to 18 members. This charge covers the costs of the textbook, which is sixty cents, the use of materials and equipment and part of the nurse's salary, the Red Cross Chapter paying the remainder of the instructor's salary.

The courses cover: Causes and prevention of sickness, health and the home, babies and their care, indications of sickness, equipment and care of the sickroom, beds and bed making, baths and bathing, appliances and methods for the sickroom, feeding the sick, medicines and other remedies, applications of heat, cold and counter-irritants, care of patients with communicable diseases, common ailments and emergencies, special points in the care of children, convalescents, chronics, and the aged.

Miss Laeta E. Rixey has been designated by R. M. Reese, Chief Clerk, as the representative of the department to organize classes should the women employes wish to take advantage of this opportunity. Those who are interested should communicate with Miss Rixey, room 303 Bieber Building, telephone 321 or 373.

6. ADMINISTRATIVE ROUTINE EXPLAINED TO COST OF MARKETING STAFF.

Administrative regulations and the procedure adopted by the bureau in the handling of such matters was discussed by Miss E. V. Lang, Head Clerk of the Cost of Marketing Division, at the last regular staff meeting of that division. The handling of shop requests, requisitions for photographic work, mimeographing and printing and the use of different forms relating to travel, such as letters of authorization, transportation requests and expense accounts, were among the subjects she covered.

Miss Lang's talk should be of great help to the field men of the Cost of Marketing Division, for in addition to outlining the regulations as they pertain to the everyday business, she sounded a word of caution regarding the handling of situations which are more or less unusual.

7. EXAMINATION ANNOUNCED FOR ASSISTANT MARKETING SPECIALIST (WAREHOUSING).

Applications for the position of Assistant Marketing Specialist (Warehousing) will be considered by the Civil Service Commission until further notice.

Applicants must show the completion of work equivalent to the first two years of a standard high-school course and two years' responsible warehousing experience. The required warehousing experience must have been in some way related to practical warehousing of agricultural products. For one year of responsible warehousing experience referred to above there may be substituted one year of responsible experience in any one of the following lines: banking business, investigational work along agricultural lines, grading of cotton, grain, wool or tobacco.

The duties of appointees will be to inspect warehouses for the storage of grain, cotton, wool, or tobacco, licensed or for which licenses are applied for under the United States warehouse Act, and to perform other miscellaneous duties in connection with the administration of the act, including the preparation of reports and the handling of correspondence. It is essential that applicants have had experience in either grain, cotton, wool, or tobacco warehousing (but not in all four), or in banking.

In the course of inspecting warehouses it is necessary to analyze financial statements. Ability to make thorough analyses and to prepare clear reports is essential.

The salary range is \$1,620 - \$2,400 a year, plus bonus.

8. RECENT SURVEY SHOWS EXODUS FROM NEW YORK FARMS.

Reports from nearly 4,000 typical New York State farms obtained by J. B. Shepard, our Agricultural Statistician for New York State, in cooperation with the New York State College of Agriculture and the New York State Department of Farms and Markets, showed that during the year preceding February 1, 34,000 men and boys left the farms of New York State to go to work in towns and cities. Only one-fourth of this number left the cities to go to work on the farms.

9. WHEN ARE "SWEET POTATOES" NOT SWEET POTATOES?

In the monthly comparison of shipments reported by telegraph with those reported by mail, the Transportation Section never fails to catch discrepancies. A recent instance brought to light some interesting facts. A South Carolina railroad reported by wire the forwarding of a car of sweet potatoes. As no local freight agent has reported this shipment in his mail summary for the month, the discrepancy was brought to the attention of the Division Superintendent who replied that the car "moved from a non-agency station and was reported to us as a car of 'sweet potatoes.' We later learned that, when car reached Cincinnati or thereabouts, some one handling one of the barrels dropped it, and whiskey started trickling out. There were about 200 barrels. This is the reason car was not reported to you on mail report form."

10. GIRL BOWLERS AT IT AGAIN.

Recreation bowling alleys withstood a terrific bombardment last Wednesday afternoon when girls of the Division of Live Stock, Meats and Wool and the Division of Information had another try-out. One of the girls who aspires to be a champion throws a ball which goes straight until the second bounce when it curves into a weird hook, at times narrowly missing the pins. Winged pins might be a step toward minimizing possible damages.

OFFICIAL ITEMS11. "PREPARED BY" SLIPS ARE ONLY ONES USED BY DICTATOR.

Blue "Prepared by" slips, with the name of the dictator in full, should be attached to letters drafted for the signature of the Chief, the Assistant Chief, or the Secretary of Agriculture.

The yellow "Initialed by" slips are attached by the reviewing clerks to letters prepared for the Secretary's signature, and should be used only for the initials of the Chief or Acting Chief.

12. PROPER ABBREVIATIONS FOR STATE NAMES.

Because of the increasing tendency on the part of employes to abbreviate State names in a haphazard manner, the reviewing clerks call attention to the following abbreviations which are accepted by the Post Office Department and the Government Printing Office for the States and Territories of the United States:

Ala. for Alabama	Md. for Maryland	Oreg. for Oregon
Ariz. for Arizona	Mass. for Massachusetts	Pa. for Pennsylvania
Ark. for Arkansas	Mich. for Michigan	P.I. for Philippine Islands
Calif. for California	Minn. for Minnesota	P.R. for Porto Rico
Colo. for Colorado	Miss. for Mississippi	R.I. for Rhode Island
Conn. for Connecticut	Mo. for Missouri	S.C. for South Carolina
Del. for Delaware	Mont. for Montana	S.Dak. for South Dakota
D.C. for District of Columbia	Nebr. for Nebraska	Tenn. for Tennessee
Fla. for Florida	Nev. for Nevada	Tex. for Texas
Ga. for Georgia	N.H. for New Hampshire	Vt. for Vermont
Ill. for Illinois	N.J. for New Jersey	Va. for Virginia
Ind. for Indiana	N.Mex. for New Mexico	Wash. for Washington
Kans. for Kansas	N.Y. for New York	W.Va. for West Virginia
Ky. for Kentucky	N.C. for North Carolina	Wis. for Wisconsin
La. for Louisiana	N.Dak. for North Dakota	Wyo. for Wyoming
Me. for Maine	Okla. for Oklahoma	

Alaska, Canal Zone, Guam, Hawaii, Idaho, Iowa, Ohio, Samoa, Utah, and Virgin Islands should not be abbreviated.

13. MANUSCRIPTS SUBMITTED BY THE BUREAU IN FEBRUARY.

The following manuscripts were submitted to the Assistant Secretary during February:

McNair, A. D.: Labor Requirements for Arkansas Farms. For Department Bulletin.

Tolley, H. R. and Humphries, W. R.: Tractors and Horses in the Winter Wheat Belt. For Department Bulletin.

Articles have been approved for publication in the following periodicals:

Christensen, Chris L.: Cooperative Activities in Europe. For Nebraska Farmer.

Collier, G. A.: Federal Hay Grades an Aid to Marketing. For Orange Judd Farmer.

Collier, G. A.: Federal Hay Grades and Better Marketing. For Wisconsin Farmer.

Galpin, C. J.: Country Life Movement in the United States. For International Institute of Agr. Publication.

Hess, M. H.: Know Your Hay. For Michigan Farmer.

Scott, E. C.: How United States Hay Grades will Help the Farmer. For Winchester Star.

Sherman, Caroline B.: Research Work for Country Banks. For Banker-Farmer.

Sherman, Caroline B.: A Retail Market Under Government Control. For Journal of Home Economics.

Shollenberger, J. H.: Influence of Relative Humidity on Flour Milling Results. For Milling Journals.

Taylor, Henry C.: What Can the Farmer Do to Improve His Situation? For Country Gentleman.

Tenny, Lloyd S.: War and Post War Measures to Facilitate Agricultural Cooperation in the United States. For International Institute of Agr. Publication.

Viehmann, Catherine M.: Federal Warehouse Act Benefits Bankers. For Pacific Banker.

14. IN CONGRESS:

Important bills which were passed during the closing days of 4th Session of the 67th Congress:

- H.R. 14302, by Mr. Fulmer, providing for the use of the official cotton standards of the United States in interstate and foreign commerce, and for other purposes. This bill is similar in scope to the United States Grain Standards Act.
- H.R. 3923, which provides for the reclassification of federal employees in the District of Columbia. This act takes effect July 1, 1924.
- S. 4230, to provide credit facilities for the agricultural and live stock industries of the United States. This Act combines the principal features of the Capper, the Lenroot-Anderson and the Strong bills.
- H.R. 14435, making an appropriation to cover the federal employees \$240 bonus for the fiscal year 1924. This applies to both Washington and field.
- H.R. 3036, by Mr. Voigt, to prohibit the shipment of filled milk in interstate or foreign commerce.

15. IN THE LIBRARY.

Among the accessions to the Bureau Library for the week ending March 2 are:

Boucke, Oswald Fred.

A critique of economics; doctrinal and methodological... New York, The Macmillan Company, 1922.

Dane, E.

The common sense of economic science. London, Mills & Boon, Limited [1922]

Gras, N. S. B.

An introduction to economic history. New York, Harper & Bros., 1922.

(Harper's historical series)

Leites, K.

Recent economic developments in Russia... Oxford, The Clarendon press; London, New York, H. Milford, 1922.

Mohler, J. R.

Live-stock industry of the United States. Supplementing exhibit of the Bureau of Animal Industry at the Brazil centennial exposition, Rio de Janeiro, Brazil, 1922-1923. Washington, Govt. Print. Off., 1922.

See, Henri.

Esquisse d'une histoire du régime agraire en Europe aux xiii^e et xix^e siècles. Paris, Marcel Giard & cie, 1921.

U. S. Dept. of Agriculture. Press service.

What there is to see in the United States Department of Agriculture. [1923]

U. S. Congress. House. Committee on Foreign Affairs.

Foreign service of the United States. Hearings... Sixty-seventh Congress, fourth session on H. R. 12543... Washington, 1922.

U. S. Federal Farm Loan Board.

Annual report, 6th, 1922. 1923. House Doc. No. 560, 67th Congress, 4th session.

U. S. Bureau of Labor Statistics.

Labor laws of the United States series. Bulletin No. 292.
Labor legislation of 1920. 1922.

U. S. Bureau of Labor Statistics.

Miscellaneous series.
Bulletin No. 314. Cooperative credit societies (Credit unions) in America and in foreign countries, by E. L. Whitney. 1922.
Bulletin 319. The Bureau of Labor Statistics, United States Department of Labor; its history, activities, and organization, by G. A. Weber. 1922.

U. S. Bureau of Labor Statistics.

Wholesale prices series.
Bulletin No. 320. Wholesale prices, 1890 to 1921. 1922.

Wertebaker, T. J.

The planters of colonial Virginia. Princeton, Princeton University press, 1922.

16. REVISED STOCK LIST NOW AVAILABLE.

With this issue of The B. A. E. News, an up-to-date list of supplies and forms carried in stock is being distributed.

BUREAU BREVITIES

17. FLORIDA CELERY is now moving under United States grades, according to word received from Robert Bier who is at Sanford, Fla. It is expected that at least 200 cars will be shipped under Federal grades from the Sanford section alone.

18. THE SECRETARY OF THE PEANUT GROWERS ASSOCIATION OF NORFOLK, Va., J. Frank Fooshe, visited the bureau yesterday and Saturday to obtain sta-

tistics for use in connection with a suit the association has filed in the Virginia courts.

19. PAUL WILLIAMS, formerly of the Fruit and Vegetable Division and now a carlot broker of Hutchinson, Kans., called at the bureau last week to visit former associates.

20. IN THE BOWLING LEAGUE. Farm Management won two games from Soils and Agricultural Economics lost two games to the Secretary's Office last Wednesday.

PERSONALS

Dr. Taylor left Washington yesterday at noon for New Brunswick, N.J., to confer with Dr. J. G. Lipman, Dean of Agriculture and Director of the New New Jersey Experiment Station. He arrived in New York City this morning, where he will hold a series of conferences regarding future work with members of the staff. He will confer with Messrs. Tenny, Besley, Boerner and Ralph P. Merritt, of the California Associated Raisin Growers' Association, regarding the use of rice grades in the marketing of California rice. He will also discuss the marketing of raisins with Mr. Merritt. He will probably remain for the rye hearings to be held in the board of managers room of the New York Produce Exchange, tomorrow.

Lloyd S. Tenny is in New York. He will preside at the rye hearings tomorrow.

W. A. Schoenfeld left last night for New York City. He will attend the rye hearings and will confer with Eldon C. Shoup, Research Agent in Marketing, relative to methods and costs of marketing milk in the various States. Mr. Shoup will come from Boston, his headquarters.

J. Clyde Marquis is Acting Chief.

C. W. Kitchen, Superintendent of Center Market, and John F. Barghausen, Investigator in Agricultural Technology, left Washington last Sunday for New York City, Newark, N. J., Pittsburgh, Cleveland and Toledo, to investigate latest improvements in modern markets and stands, and methods of operation and management. At Newark, they will confer with municipal officials who are interested in the construction of a five million dollar market. Information obtained on this trip will be used in connection with plans for constructing new stands in Center Market this summer. Messrs. Kitchen and Barghausen will be absent about ten days.

William R. Meadows, in charge of the Division of Cotton Marketing, left Washington February 27 for New Orleans, La., to attend a conference called by the New Orleans Cotton Exchange to discuss the cotton situation in general. Mr. Meadows will stop at Montgomery, Ala., Charlotte, N. C., and Atlanta, Ga., on the return trip to Washington.

H. K. Holman Jr., returned to Washington last Friday after a six-weeks' trip throughout the Northwest and Pacific Coast States in the interest of the warehouse Act.

C. R. Haller, of the Grain Division, has tendered his resignation effective March 21 to accept a position with the Bay State Milling Company at Winona, Minn. Mr. Haller has been associated in the grain cleaning work with R. H. Black of the Minneapolis office.

John F. Welch, Grain Supervisor at Ogden, Utah, spoke on "The Purposes and Work of Federal Grain Supervision" before the Rotary Club of Ogden, February 7.

H. H. Hart, of the Personnel Section, and Miss Madelaine Crowder, were married at Annapolis, Md., December 23, 1922, it has just been announced. Mr. Hart returned to duty last Monday after a brief and somewhat belated honeymoon.

On account of the serious illness of her mother, Miss Ethelyn C. Winslow is on leave at her home in Reynoldsville, Pa.

Joseph D. Hale has been appointed Live Stock Market Reporter effective March 16, to assist in quoting the live stock market at Omaha, Nebr.

W. Mackenzie Stevens, Assistant in Cooperative Marketing in the Division of Agricultural Cooperation, left last Sunday for Boston to confer with bureau representatives and Dr. Starch of Harvard University relative to the study of the advertising of agricultural products.

Miss Viola Louise Heinson, of the Division of Information, and Wallace Hickox, were married at Baltimore, March 2. Mrs. Hickox expects to return to her desk next Monday.

Miss Willye A. Smith, who resigned from the Division of Live Stock, Meats and Wool in 1918 to take up overseas work with the American Red Cross, sailed for the States from Bremen on the President Harding, February 23. After serving a year and a half in Paris with the American Red Cross, Miss Smith became associated with the Rhineland Interallied High Commission at Coblenz, Germany, where she has been for the last three years.

Carl Nagel, of the Warehouse Division, is in Chicago making inspections of wool warehouses. He is expected to return to Washington the latter part of this week.

R. D. Conklin, Head Clerk, Live Stock, Meats and Wool Division, was called to New York last week on account of death in his family.

M. L. Benn, of the New York Office of the Food Products Inspection Service, and Miss Anna G. Meyer, of New York City, were married February 10.

After the closing of the Presque Isle, Me. field station on March 10, J. D. Snow will assist in the work of the Boston fruit and vegetable office for a few weeks.

THE B. A. E. NEWS.

LIBRARY
RECEIVED
MAR 11 1923

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

March 6, 1923.

Vol. 3, No. 10.
SUPPLEMENT.

BUREAU STOCK LIST

(Superseding Bureau Stock List issued February 23, 1922)

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DIRECTIONS FOR ORDERING

Typewrite all requisitions for supplies on Forms EM-33a, 33b and 33c, making the ribbon copy on the pink sheet (33a).

Order by item number, using same description and unit as shown in the stock list. Supplies not listed are not carried in stock.

Be sure to indicate appropriation and project to be charged.

For Washington deliveries, give building and room number to which delivery should be made.

For branch office deliveries, give consignee's full address.

On requisitions for Washington delivery one pink and one green copy should be sent to the Central Supply Section.

Branch offices will draw requisitions on Form AE-33 as follows:

The pink sheet (33a) should be used for the ribbon copy, one carbon made on the green sheet (33b) and two on the buff sheet (33c), making four copies to be sent to the Washington office. A third carbon on the buff sheet should also be made and retained tentatively in the branch office files. Distinction should be made between items shown in the Bureau Stock List as being available for immediate shipment from the Section of Property and Supplies in Washington and items that are not so shown, separate requi-

sitions being prepared for each class. In other words, any articles desired that are not included in the Bureau Stock List should be ordered on a separate requisition. Each branch office should number its requisitions serially.

The requisitions should be forwarded to the Washington office of the division where they will be approved and initialed by the division leader or head clerk and forwarded to the Section of Property and Supplies without being recopied. If the requisitions are for supplies carried in stock, they will be filled immediately and both buff copies mailed to the branch office, notation being made of how shipment is going forward and any necessary changes in the list of supplies. The Section of Property and Supplies will enter on all copies the prices of the articles furnished together with an estimate of the transportation charges. The green copy will be forwarded to the division office in Washington for its files. Immediately upon receipt of the buff copies and the supplies, one buff copy should be signed and returned to the Washington office of the division, the other one being retained for the branch office files. The Washington office will in turn transmit the receipted copy to the Section of Property and Supplies.

Occasionally an item ordered may temporarily be out of stock. The item will be crossed out on the requisition and should be reordered in about three weeks.

Do not order items marked with an asterisk (*) for field delivery as they cannot be economically shipped because of their bulky or fragile nature. Such supplies should be purchased locally.

Request "no charge" writing and scratch pads whenever the nature of the work will permit them to be used. They are made from old forms and letterheads and from stock that otherwise would have to be destroyed.

If you do not see what you want, ask for it. Possibly it is in the list somewhere, but under a name that cannot be readily recalled.

If quality of supplies or service is not what you think it should be, kindly confer with the Assistant in Charge of Property and Supplies. Also offer any suggestions which may occur to you for improving the present system.

SUPPLIES CARRIED IN STOCK IN THE
CENTRAL SUPPLY SECTION
BUILDING "F", 7th & B STS., N.W.
WASHINGTON, D. C.

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
*5.	Alcohol, denatured, (In bulk, send container)	gal.
*10.	Ammonia water (in 4 lb. bottles)	bottle
15.	Aprons, cloth, work	each
20.	Bands, rubber, No. 15 (in 1/8 lb. boxes)	box
25.	Bands, rubber, No. 18 (in 1/8 lb. boxes)	box
26.	Bands, rubber, No. 18 (in 1/2 lb. boxes)	box
30.	Bands, rubber, No. 30 (in 1/8 lb. boxes)	box
35.	Bands, rubber, No. 32 (in 1/8 lb. boxes)	box
36.	Bands, rubber, No. 32 (in 1/2 lb. boxes)	box
40.	Bands, rubber, No. 60 (in 1/8 lb. boxes)	box
45.	Baskets, desk, wire	each
*50.	Baskets, waste, fiber	each
55.	Binders, grip, letter size (#400-S)	each
59.	Binders, ring, 11 x 8-1/2, cloth (Inventorial)	each
60.	Binders, string, bulletin size, gray, red border	each
65.	Binders, string, letter size, gray, red border	each
70.	Binders, extra laces for string	roll
75.	Blotter holders, rocker, small size	each
80.	Blotter holders, rocker, large size	each
	Blotting paper (See items 1730-1735)	
*85.	Board, bristol, 100-lb., white	sheet
*90.	Board, bristol, 120-lb., white	sheet
*95.	Board, bristol, 140-lb., white	sheet
*100.	Board, litho (white cardboard)	sheet
	Boards, clip (see clips, board, item 620)	
105.	Books, memorandum, 8-3/4 x 5-3/4, not indexed, record ruled	each
110.	Books, memorandum, 8-3/4 x 5-3/4, indexed, journal ruled	each
115.	Books, memorandum, 6-1/4 x 3-3/4, indexed, journal ruled	each
120.	Books, memorandum, 6-1/4 x 3-3/4, indexed, record ruled	each
125.	Books, memorandum, 5-1/4 x 2-3/4, not indexed, journal ruled	each
126.	Books, memorandum, 5-1/4 x 2-3/4, not indexed, record ruled	each
130.	Books, memorandum, 5-1/4 x 2-3/4, indexed, journal ruled	each
131.	Books, memorandum, 5-1/4 x 2-3/4, indexed, record ruled	each
135.	Books, memorandum, 9-3/4 x 7-3/4, journal ruled	each
140.	Books, press copy, 10 x 12	each
145.	Books, scrap	each
150.	Books, stenographer's note	each
*155.	Bottles, water cooler, 3-gal.	each
*160.	Bottles, water cooler, 5-gal.	each
161.	Boxes, shipping, for L. C. Smith typewriters	each
162.	Boxes, shipping, for Underwood typewriters	each
*165.	Brooms, floor, straw	each
170.	Brushes, dustpan	each

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
175.	Brushes, radiator	each
180.	Brushes, water closet	each
185.	Brushes, floor, hair push, 14"	each
190.	Brushes, floor, hair push, 18"	each
195.	Brushes, mucilage, small	each
200.	Brushes, mucilage, large	each
205.	Brushes, paste, 1"	each
210.	Brushes, paste, 2"	each
215.	Brushes, scrubbing	each
220.	Brushes, type cleaning (bone handle)	each
225.	Brushes, typewriter (wooden handle)	each
230.	Brushes, typewriter (wire handle)	each
*235.	Buckets, galvanized iron, 14-quart	each
240.	Calendar Pads, "Bunch of Dates"	each
245.	Calendar Pads, "Gem"	each
250.	Calendar Stands, "Gem"	each
255.	Cans, safety, 1 qt. (for alcohol or gasoline)	each
257.	Cards, file, for photographic negatives, 9-1/2 x 11,	each
260.	Cards, guide, 2x5, plain, 1/3 cut, buff, open punch(100to pkg)	pkg.
261.	Cards, guide, 2x5, plain, 1/3 cut, buff, round punch(100 to pkg)	pkg.
265.	Cards, guide, 2x5, plain, 1/3 cut, salmon (100 to pkg)	pkg.
266.	Cards, guide, 2x5, plain, 1/5 cut, salmon (100 to pkg)	pkg.
270.	Cards, guide, 3x5, plain, 1/2 cut, buff (100 to pkg)	pkg.
275.	Cards, guide, 3x5, plain, 1/3 cut, blue (100 to pkg)	pkg.
280.	Cards, guide, 3x5, plain, 1/3 cut, buff (100 to pkg)	pkg.
285.	Cards, guide, 3x5, plain, 1/3 cut, salmon (100 to pkg)	pkg.
290.	Cards, guide, 3x5, plain, 1/5 cut, buff (100 to pkg)	pkg.
295.	Cards, guide, 3x5, alphabetical, 25 subdivisions, buff	set
300.	Cards, guide, 3x5, alphabetical, 25 subdivisions, blue	set
305.	Cards, guide, 3x5, alphabetical, 25 subdivisions, salmon	set
310.	Cards, guide, 3x5, alphabetical, 50 subdivisions, buff	set
315.	Cards, guide, 3x5, alphabetical, 75 subdivisions, uff	set
325.	Cards, guide, 3x5, alphabetical, 120 subdivisions, uff	set
326.	Cards, guide, 3x5, alphabetical, 150 subdivisions, buff	set
327.	Cards, guide, 3x5, alphabetical, 240 subdivisions, uff	set
330.	Cards, guide, 3x5, months, blue	set
335.	Cards, guide, 3x5, states, blue	set
345.	Cards, guide, 3x5, daily, blue	set
346.	Cards, guide, 3x5, daily, salmon	set
350.	Cards, guide, 4x6, plain, 1/2 cut, buff (100 to pkg)	pkg.
355.	Cards, guide, 4x6, plain, 1/2 cut, salmon (100 to pkg)	pkg.
360.	Cards, guide, 4x6, plain, 1/3 cut, buff (100 to pkg)	pkg.
365.	Cards, guide, 4x6, plain, 1/3 cut, blue (100 to pkg)	pkg.
366.	Cards, guide, 4x6, plain, 1/3 cut, salmon (100 to pkg)	pkg.
370.	Cards, guide, 4x6, plain, 1/5 cut, buff (100 to pkg)	pkg.
375.	Cards, guide, 4x6, plain, 1/5 cut, blue (100 to pkg)	pkg.
380.	Cards, guide, 4x6, alphabetical, 25 subdivisions, buff	set
382.	Cards, guide, 4x6, alphabetical, 25 subdivisions, salmon	set
383.	Cards, guide, 4x6, alphabetical, 25 subdivisions, blue	set

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
385.	Cards, guide, 4x6, alphabetical, 75 subdivisions, buff	set
390.	Cards, guide, 4x6, alphabetical, 100 subdivisions, buff	set
395.	Cards, guide, 4x6, states, salmon	set
400.	Cards, guide, 5x8, plain, 1/3 cut, blue (100 to pkg)	pkg.
405.	Cards, guide, 5x8, plain, 1/3 cut, buff (100 to pkg)	pkg.
410.	Cards, guide, 5x8, plain, 1/3 cut, salmon (100 to pkg)	pkg.
415.	Cards, guide, 5x8, plain, 1/5 cut, buff (100 to pkg)	pkg.
420.	Cards, guide, 5x8, states, salmon	pkg.
425.	Cards, guide, 5x8, alphabetical, 25 subdivisions, buff	set
430.	Cards, guide, 5x8, alphabetical, 25 subdivisions, blue	set
435.	Cards, guide, 5x8, alphabetical, 25 subdivisions, salmon	set
440.	Cards, guide, 5x8, alphabetical, 50 subdivisions, buff	set
445.	Cards, guide, 5x8, alphabetical, 75 subdivisions, buff	set
450.	Cards, guide, 5x8, alphabetical, 120 subdivisions, buff	set
455.	Cards, guide, letter size, plain, 1/3 cut	each
460.	Cards, guide, letter size, plain, 1/5 cut	each
465.	Cards, guide, letter size, alphabetical, 25 subdivisions	set
470.	Cards, guide, letter size, states	set
471.	Cards, guide, letter size, months	set
475.	Cards, guide, cap size, plain, 1/3 cut	each
481.	Cards, guide, cap size, plain, 1/5 cut	each
485.	Cards, guide, cap size, alphabetical, 25 subdivisions	set
490.	Cards, guide, cap size, months	set
494.	Cards, index, 2x5, blue, plain, open punch (100 to pkg)	pkg.
495.	Cards, index, 2x5, green, plain, open punch (100 to pkg)	pkg.
500.	Cards, index, 2x5, white, plain, open punch (100 to pkg)	pkg.
505.	Cards, index, 2x5, yellow, plain, open punch (100 to pkg)	pkg.
510.	Cards, index, 2x5, white, plain, round punch (100 to pkg)	pkg.
515.	Cards, index, 2x5, white, plain (100 to pkg)	pkg.
520.	Cards, index, 2x5, buff, plain, round punch (100 to pkg)	pkg.
522.	Cards, index, 3x5, blue, plain, (100 to pkg)	pkg.
523.	Cards, index, 3x5, canary, plain, (100 to pkg)	pkg.
524.	Cards, index, 3x5, cherry, plain (100 to pkg)	pkg.
525.	Cards, index, 3x5, white, plain (100 to pkg)	pkg.
530.	Cards, index, 3x5, white, plain, round punch (100 to pkg)	pkg.
535.	Cards, index, 3x5, white, plain, open punch (100 to pkg)	pkg.
540.	Cards, index, 3x5, buff, plain, open punch (100 to pkg)	pkg.
545.	Cards, index, 3x5, white, ruled (100 to pkg)	pkg.
546.	Cards, index, 3x5, white, ruled, round punch (100 to pkg)	pkg.
550.	Cards, index, 3x5, salmon, plain (100 to pkg)	pkg.
555.	Cards, index, 3x5, salmon, ruled (100 to pkg)	pkg.
560.	Cards, index, 7.5x12.5, white, ruled, 1 hor. 1 vert. (Library use)	pkg.
565.	Cards, index, 4x6, white, plain (100 to pkg)	pkg.
570.	Cards, index, 4x6, white, ruled (100 to pkg)	pkg.
575.	Cards, index, 4x6, salmon, plain (100 to pkg)	pkg.
580.	Cards, index, 5x8, white, plain (100 to pkg)	pkg.
585.	Cards, index, 5x8, white, ruled (100 to pkg)	pkg.
586.	Cards, index, 5x8, white, ruled, round punch (100 to pkg)	pkg.
590.	Cards, index, 5x8, salmon, plain (100 to pkg)	pkg.

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
595.	Cards, index, 5x8, blue, plain (100 to pkg)	pkg.
600.	Cards, index, 5x8, buff, plain (100 to pkg)	pkg.
601.	Cartons, for fruit and vegetable specimens	each
602.	Castors, chair	each
603.	Cases, transfer storage, wood, letter size (Inventorial)	each
604.	Cases, transfer storage, wood, cap size (Inventorial)	each
605.	Chalk, white (crayons)	gross
610.	Chloride of lime	can
615.	Cheesecloth (For cotton waste substitute, see Item 2770)	yard
620.	Clips, board, letter size (wood board with metal clasp)	each
625.	Clips, board, cap size (wood board with metal clasp)	each
630.	Clips, paper, Gem #1 (100 to a box)	box
631.	Clips, paper, Gem #2 (100 to a box)	box
635.	Clips, paper, Ideal #1 (12 to a box)	box
640.	Clips, paper, Ideal #2 (50 to a box)	box
645.	Clips, paper, binder, L.E.B. #2, 3/4"	box
650.	Clips, paper, binder, L.E.B. #6, 1-1/4"	box
655.	Clips, paper, binder, L.E.B. #10, 2"	box
656.	Clips, paper, pinch #2	box
660.	Cloths, copying	doz.
662.	Containers, liquid soap	each
665.	Cots, finger #11	doz.
670.	Cots, finger #11-1/2	doz.
675.	Cots, finger #12	doz.
680.	Cots, finger #13	doz.
685.	Covers, manuscript	each
690.	Crayons, marking, blue (For colored pencils, See Items 2155-2160)	each
695.	Cups, sponge	each
700.	Cups, sponge, for desk sets	each
705.	Cuspidors	each
710.	Cutting Wheels for Pencil Sharpeners (See Items 1555-1560)	
715.	Dictaphone Pads	each
715.	Disinfectant	gal.
720.	Door Stops (See Item 2610)	
720.	Dustpans	each
725.	Envelope openers	each
726.	Envelopes, 2-1/2 x 4-1/4, manila, plain, open end	100
727.	Envelopes, 3-1/8 x 5-1/2, manila, plain, open end	100
730.	Envelopes, 3-1/2 x 6, manila, franked	1000
735.	Envelopes, 3-1/2 x 6, manila, messenger	1000
740.	Envelopes, 3-1/2 x 6, white, plain	1000
745.	Envelopes, 3-1/2 x 6, white, franked	1000
750.	Envelopes, 3-7/8 x 8-7/8, manila, plain	1000
755.	Envelopes, 3-7/8 x 8-7/8, white, franked	1000
760.	Envelopes, 3-7/8 x 8-7/8, white, return Chief of Bureau	1000
765.	Envelopes, 3-7/8 x 8-7/8, white, Secretary	1000
766.	Envelopes, 4 x 6, manila, franked, Spear Safety (For Grain	100
770.	Envelopes, 4-1/8 x 9-1/2, manila, plain Div. only)	1000
775.	Envelopes, 4-1/8 x 9-1/2, manila, franked	1000
780.	Envelopes, 4-1/8 x 9-1/2, manila, messenger	1000
785.	Envelopes, 4-1/8 x 9-1/2, manila, economy messenger	1000
790.	Envelopes, 4-1/8 x 9-1/2, white, franked	1000
795.	Envelopes, 4-1/8 x 9-1/2, white, plain	1000

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
800.	Envelopes, 4-1/8 x 9-1/2, white, franked, window	1000
805.	Envelopes, 4-1/8 x 9-1/2, white, Secretary	1000
810.	Envelopes, 4-1/2 x 10-3/8, manila, franked	1000
814.	Envelopes, 6 x 10, rope, franked, Spear Safety (For Grain	100
815.	Envelopes, 6-1/2 x 10-1/2, manila, plain Div. only)	1000
820.	Envelopes, 6-1/2 x 10-1/2, manila, franked	1000
825.	Envelopes, 6-1/2 x 10-1/2, white, franked	1000
830.	Envelopes, 7-1/2 x 10-1/2, tension (For foreign mail)	100
840.	Envelopes, 9 x 12, manila, tension, plain (For foreign mail)	100
845.	Envelopes, 9-1/2 x 12, kraft, plain	100
850.	Envelopes, 9-1/2 x 12, kraft, franked	100
851.	Envelopes, 9-1/2 x 12, kraft, economy, messenger	100
855.	Envelopes, 9-1/2 x 12, kraft, plain	100
860.	Envelopes, 10 x 14, manila, plain	100
865.	Envelopes, 10 x 14, rope, franked	100
870.	Envelopes, 10 x 15, kraft, franked	100
875.	Envelopes, 10 x 15, kraft, economy messenger	100
880.	Envelopes, 10 x 15, manila, plain	100
890.	Envelopes, 12 x 15, manila, plain	100
895.	Envelopes, 12 x 18, kraft, plain	100
900.	Envelopes, 3-7/8 x 3-7/8, amber, return Secretary	1000
902.	Envelopes, 3-7/8 x 3-7/8, blue, return Secretary	1000
905.	Envelopes, 3-7/8 x 3-7/8, green, return Secretary	1000
910.	Envelopes, 3-7/8 x 3-7/8, brown, return Secretary	1000
915.	Envelopes, 3-7/8 x 3-7/8, white, return Secretary	1000
916.	Envelopes, 3-7/8 x 3-7/8, white, return Secretary numbered 1-43	1000
920.	Envelopes, 3-7/8 x 3-7/8, amber, Crop Reporter	1000
930.	Envelopes, 4-1/8 x 9-1/2, white, Crop Reporter, Special	1000
935.	Envelopes, 4-1/8 x 9-1/2, white, Special A	each
940.	Envelopes, 4-1/8 x 9-1/2, white, Special B	each
950.	Envelopes, 4-7/8 x 11, blue, Registered Mail, Crop Estimates	each
955.	Envelopes, 3-1/2 x 16-1/2, string, rope, franked, Crop Estimates	each
960.	Envelopes, 10 x 14, return Chief Clerk, Crop Estimates	each
1000.	Eradicator, Ink	set
1005.	Erasers, blackboard	each
1010.	Erasers, rubber, artgum	each
1015.	Erasers, rubber, pencil	each
1020.	Erasers, typewriter (disc, with brush)	each
1025.	Exterminator, insect, paste	each
1026.	Exterminator, insect, powder	can
1030.	Exterminator, insect, liquid	gal.
1035.	Eyelets, Challenge #1	box
1040.	Eyelets, Challenge #2	box
1045.	Eyelets, Triumph CZ	box
1047.	Eyelets, Triumph DB	box
1050.	Eyelets, Triumph JN	box
1055.	Fasteners, paper, flathead, 1/2"	box
1060.	Fasteners, paper, flathead, 3/4"	box

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
1065.	Fasteners, paper, flathead, 1"	box
1070.	Fasteners, paper, flathead, 2"	box
1075.	Fasteners, paper, roundhead, 1/2"	box
1030.	Fasteners, paper, roundhead, 3/4"	box
1035.	Fasteners, paper, roundhead, 1"	box
1090.	Fasteners, paper, roundhead, 1-1/2"	box
1095.	Fasteners, paper, roundhead, 2"	box
1100.	Fasteners, washers for paper	box
1105.	Files, box, letter size, Phoenix	each
1110.	Files, box, cap size, Phoenix	each
1115.	Files, box for 3x5 cards (cloth covered)	each
1120.	Files, box for 4x6 cards (cloth covered)	each
1125.	Files, box for 4x6 cards, storage	each
1130.	Files, box for 5x8 cards, storage	each
1135.	Files, pamphlet (red boxes)	each
1140.	Files, pamphlet, Pamfiles	each
1145.	Fillers, fountain pen	each
	Fillers, looseleaf (See Item Nos. 1350-1335)	
1150.	Films, photographic, 3-1/4 x 5-1/2, 6-exposures	each
1155.	Folders, manila, letter size, 1/2 cut	box
1160.	Folders, manila, letter size, 1/3 cut	box
1161.	Folders, manila, letter size, 1/5 cut	box
1162.	Folders, manila, letter size, 1/10 cut	box
1165.	Folders, manila, letter size, square cut	box
1170.	Folders, manila, letter size, alphabetical, 25 subdivisions	box
1175.	Folders, manila, cap size, 1/2 cut	box
1180.	Folders, manila, cap size, 1/3 cut	box
1181.	Folders, manila, cap size, 1/5 cut	box
1185.	Folders, manila, cap size, square cut	box
1190.	Folders, nearleather, expansion, envelopes, letter size, red	each
1195.	Folders, nearleather, expansion, envelopes, cap size, red	each
1200.	Folders, nearleather, expansion pockets, letter size, red	each
1205.	Folders, nearleather, expansion pockets, cap size, red	each
1210.	Folders, nearleather, flat, letter size, red	each
1215.	Folders, nearleather, flat, cap size, red	each
	Glasses, drinking (See Tumblers, item 2730)	
1220.	Glue, 1/2 pint can	can
1221.	Glue, 2 oz. tubes	tube
1225.	Handles, mop	each
1230.	Holdes, paper towel	each
1235.	Holdes, toilet paper	each
1240.	Hooks, picture molding	each
1245.	Index tabs, gummed strips, 1/2" (1 doz. to pkg)	pkg.
1250.	Ink, drawing, black	bottle
1255.	Ink, drawing, blue	bottle
1260.	Ink, drawing, brick red	bottle
1265.	Ink, drawing, brown,	bottle
1270.	Ink, drawing, carmine	bottle
1275.	Ink, drawing, green	bottle
1280.	Ink, drawing, indigo	bottle

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Item No.

Article

Unit

1285.	Ink, drawing, orange	bottle
1290.	Ink, drawing, scarlet	bottle
1295.	Ink, drawing, vermilion	bottle
1300.	Ink, drawing, violet	bottle
1305.	Ink, drawing, yellow	bottle
1310.	Ink, duplicating, green (Hectograph)	bottle
1315.	Ink, duplicating, purple (Hectograph)	bottle
1320.	Ink, marking, indelible, 2 oz., black (Eternal)	bottle
1325.	Ink, marking, indelible, 4 oz., black (Eternal)	bottle
1330.	Ink, numbering machine, black	bottle
1335.	Ink, numbering machine, red	bottle
1340.	Ink, numbering machine, violet	bottle
1345.	Ink, stamp pad, black	bottle
1350.	Ink, stamp pad, blue	bottle
1355.	Ink, stamp pad, green	bottle
1360.	Ink, stamp pad, red	bottle
1365.	Ink, stamp pad, violet	bottle
*1370.	Ink, writing, black, quarts	bottle
*1375.	Ink, writing, black, pints	bottle
1380.	Ink, writing, black, 4 oz. (with fountain pen filler)	bottle
*1385.	Ink, writing, black, one-ounce bottles	bottle
1390.	Ink, writing, black, concentrated	bottle
1395.	Ink, writing, black tablets	box
*1397.	Ink, writing, blue, small bottles	bottle
*1400.	Ink, writing, green, small bottles	bottle
*1405.	Ink, writing, violet, small bottles	bottle
*1410.	Ink, writing, red, pints	bottle
*1415.	Ink, writing, red, 1-oz. bottles	bottle
1420.	Ink, writing, red, concentrated	bottle
1425.	Ink, writing, red tablets	box
1430.	Ink, writing, white	bottle
1435.	Inkstands, automatic, #51, black	each
1440.	Inkstands, automatic, #51, red	each
1445.	Inkstands, automatic, #57, black (for sets)	each
1450.	Inkstands, automatic, #57, red (for sets)	each
1455.	Inkstands, open (and covers)	each
1460.	Labels, gummed, Dennison's #201	box
1464.	Labels, gummed, Dennison's #209	box
1465.	Labels, gummed, Dennison's #212	box
1470.	Labels, gummed, Dennison's #213	box
1475.	Labels, gummed, Dennison's #219	box
1480.	Labels, gummed, Dennison's #223	box
1485.	Labels, gummed, Dennison's #225	box
1490.	Labels, gummed, Dennison's #229	box
1493.	Labels, gummed, Dennison's #251	box
1495.	Labels, gummed, Dennison's #261	box
1500.	Labels, gummed, Dennison's #1003	box
1504.	Labels, gummed, Dennison's #2003	box
1505.	Labels, gummed, Dennison's #2007	box
1510.	Lamps, electric, 110 volt, 40-watt, clear	each

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
1515.	Lamps, electric, 110 volt, 60-watt, clear	each
1516.	Lamps, electric, 110 volt, 60-watt, frosted	each
1520.	Lamps, electric, 110 volt, 100-watt, clear	each
1525.	Lamps, electric, 110 volt, 150-watt, clear	each
1526.	Letters and figures, gummed, black, 1/2"	box
1527.	Letters and figures, gummed, black, 3/4"	box
1528.	Letters and figures, gummed, black, 1"	box
1529.	Lye	can
1530.	Machines, paper fastening, Midget (Inventorial)	each
1535.	Machines, paper fastening, Acme #2 (Inventorial)	each
1540.	Machines, paper fastening, Hotchkiss, #1 (Inventorial)	each
1545.	Machines, pencil sharpening, Boston (Inventorial)	each
1550.	Extra cutting wheels, Boston	set
1555.	Extra cutting wheels, Chicago Giant	set
1560.	Extra cutting wheels, Chicago Junior	set
1565.	Extra cutting wheels, Jupiter	set
1570.	Machines, perforating, Cutter (Inventorial)	each
1575.	Machines, perforating, Triumph, round hole (Inventorial)	each
1585.	Mats, cuspidor, rubber	each
1590.	Mimeograph brushes, artists' #8	each
1595.	Mimeograph brushes, dermax	each
1600.	Mimeograph cloth pads	doz.
1605.	Mimeograph dermax solution	bottle
1611.	Mimeograph ink, A. B. Dick, #590, black (1-lb. cans)	can
1615.	Mimeograph rollers, red rubber (4 to set)	set
1620.	Mimeograph stencils, A. B. Dick #360, 3-1/2 x 18	quire
1625.	Mimeograph stencils, A. B. Dick #361, 3-1/2 x 14	quire
1630.	Mimeograph stoppers, rubber, one-hole	each
1635.	Mimeograph varnish	bottle
1640.	Mops, cuspidor	each
1645.	Mops, oil	each
1650.	Mops, scrubbing, large	each
1655.	Mops, scrubbing, small	each
1660.	Mucilage (quarts)	bottle
1661.	Mucilage (in sanitary bottles) Kwikstik	bottle
1665.	Mucilage receptacles	each
1668.	Oil, comptometer	can
1670.	Oil, furniture and floor	can
1675.	Oil, typewriter	bottle
1680.	Oilboard	sheet
1685.	Oilers, typewriter	each
1690.	Pads, chair, felt	each
1695.	Pads, desk, flexible	each
1700.	Pads, numbering machine, Bates	each
1705.	Pads, rubber stamp, black, #1 (small)	each
1710.	Pads, rubber stamp, black, #2 (large)	each
1715.	Pads, rubber stamp, red, #1 (small)	each
1720.	Pads, rubber stamp, red, #2 (large)	each
1725.	Pads, rubber stamp, dry, #1 (small)	each
1726.	Pads, rubber stamp, dry, #2 (large)	each
	Pads, sandpaper (See Pointers, pencil)	

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
1730.	Paper, blotting, for small rocker holders 2-1/2 x 9-1/2 (50 pcs. to pkg)	pkg.
1735.	Paper, blotting, for large rocker holders 3 x 9-1/2 (50 pcs. to pkg)	pkg.
*1740.	Paper, blotting, 19 x 24, green (for pads)	sheet
*1745.	Paper, blotting, 19 x 24, white	sheet
1750.	Paper, carbon, 8 x 10-1/2	box
1755.	Paper, carbon, 8 x 12-1/2	box
1760.	Paper, carbon, 8-1/2 x 14	box
1765.	Paper, carbon, 14 x 17	box
1770.	Paper, carbon, 16 x 21	box
1775.	Paper, computing machine, 2-5/16	roll
1780.	Paper, computing machine, 2-3/4	roll
1785.	Paper, computing machine, 3-15/32	roll
1790.	Paper, cross-section, 5x5, 16 x 21	sheet
1795.	Paper, cross-section, 5x5, 22 x 34	sheet
1800.	Paper, cross-section, 8x8, 16 x 21	sheet
1805.	Paper, cross-section, 8x8, 22 x 34	sheet
1806.	Paper, cross-section, 8x8, 22 x 34 (without heavy lines)	sheet
1807.	Paper, cross section, 10 x 10, 22 x 34	sheet
1808.	Paper, cross-section, 10 x 10 to 1/2 inch, 7 x 10-1/2	sheet
1810.	Paper, letterhead, Washington use, 8 x 7	ream
1815.	Paper, letterhead, Washington use, 8 x 10-1/2	ream
1820.	Paper, letterhead, Washington use, 8 x 12-1/2	ream
1830.	Paper, letterhead, field use, 8 x 7	ream
1835.	Paper, letterhead, field use, 8 x 10-1/2	ream
1840.	Paper, letterhead, Secretary, 8 x 10-1/2	ream
1845.	Paper, letterhead, Secretary, 8 x 10-1/2, second sheets	ream
1850.	Paper, looseleaf, notebook fillers, IP #504, 6-3/4x3-3/4 ruled	pkg.
1855.	Paper, looseleaf, notebook fillers, IP #504, 6-3/4x3-3/4 plain	pkg.
1860.	Paper, looseleaf, notebook fillers, IP #103, 5 x 3, plain	pkg.
1861.	Paper, looseleaf, notebook fillers, IP #103, 5 x 3, ruled	pkg.
1865.	Paper, looseleaf, notebook fillers, IP #104, 6 x 3-1/2, plain	pkg.
1866.	Paper, looseleaf, notebook fillers, IP #104, 6 x 3-1/2, ruled	pkg.
1870.	Paper, looseleaf, notebook fillers, IP #104, 6x3-1/2, cross section	pkg.
1875.	Paper, looseleaf, notebook fillers, IP #105, 6-3/4x3-3/4, plain	pkg.
1876.	Paper, looseleaf, notebook fillers, IP #105, 6-3/4x3-3/4, ruled	pkg.
1880.	Paper, looseleaf, notebook fillers, IP #106, 7-1/4x4-1/4, plain	pkg.
1885.	Paper, looseleaf, notebook fillers, 11 x 8-1/2, plain	pkg.
1886.	Paper, looseleaf, notebook fillers, 11 x 8-1/2, ruled	pkg.
1887.	Paper, looseleaf, notebook fillers, 11 x 8-1/2, 9-column ruled	pkg.
1890.	Paper, mimeograph, 8 x 10-1/2	ream
1895.	Paper, mimeograph, 8 x 12-1/2	ream
1900.	Paper, mimeograph, 8 x 15	ream
1902.	Paper, tabulation, 9-1/2 x 12, 11 column	ream
1905.	Paper, toilet, oval rolls	roll
1910.	Paper, toilet, round rolls	roll
1915.	Paper, typewriter, manila, 8 x 10-1/2, for carbon copies	ream
1920.	Paper, typewriter, colored bond, 8 x 10-1/2, blue	ream
1925.	Paper, typewriter, colored bond, 8 x 10-1/2, canary	ream

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
1930.	Paper, typewriter, colored bond, 8 x 10-1/2, golden rod	ream
1935.	Paper, typewriter, colored bond, 8 x 10-1/2, gray	ream
1940.	Paper, typewriter, colored bond, 8 x 10-1/2, green	ream
1945.	Paper, typewriter, colored bond, 8 x 10-1/2, oriental buff	ream
1950.	Paper, typewriter, colored bond, 8 x 10-1/2, pink	ream
1955.	Paper, typewriter, colored bond, 8 x 10-1/2, primrose	ream
1956.	Paper, typewriter, colored bond, 8 x 10-1/2, russet	ream
1960.	Paper, typewriter, colored bond, 8 x 10-1/2, salmon	ream
1965.	Paper, typewriter, white bond, 8 x 10-1/2	ream
1970.	Paper, typewriter, white bond, 8 x 12-1/2	ream
1975.	Paper, typewriter, white bond, 8 x 12-1/2, marginal ruled	ream
1980.	Paper, typewriter, white bond, 8 x 14"	ream
1985.	Paper, typewriter, white bond, 8 x 18	ream
1990.	Paper, typewriter, white bond, 16 x 21	ream
2000.	Paper, typewriter, manifold, 8 x 7 (thin sheets)	ream
2005.	Paper, typewriter, manifold, 8 x 10-1/2 (thin sheets)	ream
2010.	Paper, typewriter, manifold, 8 x 12-1/2 (thin sheets)	ream
2015.	Paper, typewriter, manifold, 8 x 12-1/2 (marginal ruled)	ream
2020.	Paper, typewriter, manifold, 16 x 21 (thin sheets)	ream
2025.	Paper, wrapping, kraft, 24 x 36 (24 sheets to the quire)	quire
2030.	Paper, wrapping, kraft, 36 x 40 (24 sheets to the quire)	quire
2035.	Paper, wrapping, express drab, 40x48 (24 sheets to the quire)	quire
2040.	Paper pads, scratch, 3 x 5 (no charge)	each
2045.	Paper pads, scratch, 3 x 8 (no charge)	each
2055.	Paper pads, scratch, 5 x 8 (no charge)	each
2060.	Paper pads, scratch, 8 x 10-1/2 (no charge)	each
2065.	Paper pads, writing, plain, 8 x 7, white (no charge)	each
2075.	Paper pads, writing, plain, 8 x 10-1/2, white	each
2080.	Paper pads, writing, plain, 8 x 10-1/2, canary	each
2085.	Paper pads, writing, ruled, 8 x 10-1/2, white	each
2090.	Paste, library, small jars	each
2095.	Paste, library, quart	each
2100.	Patches, gummed cloth, round, for loose leaves	box
2105.	Pencil holders	each
2106.	Pencil leads, Eversharp, grade F	tube
2107.	Pencil leads, Eversharp, grade H B	tube
2108.	Pencil leads, Eversharp, grade B	tube
2110.	Pencils, copying (indelible)	doz.
2111.	Pencils, drafting, colored (24 colors)	doz.
2115.	Pencils, drawing F	doz.
2120.	Pencils, drawing, 3-H	doz.
2125.	Pencils, drawing, 4-H	doz.
2130.	Pencils, drawing, 5-H	doz.
2135.	Pencils, drawing, 6-H	doz.
2140.	Pencils, drawing, large soft lead	doz.
2145.	Pencils, glass writing, blue	doz.
2150.	Pencils, glass writing, red	doz.
2155.	Pencils, marking, blue	doz.
2160.	Pencils, marking, red	doz.
2165.	Pencils, stenographer's	doz.

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
2170.	Pencils, writing, #2, Velvet	doz.
2175.	Pencils, writing, #2, Ticonderoga	doz.
2180.	Pencils, writing, #3, Anglo-Saxon	doz.
2185.	Pencils, writing, #3, Ticonderoga	doz.
2190.	Penholders, cork tip	doz.
2191.	Penholders, crow quill	doz.
2195.	Penholders, rubber tip	doz.
2200.	Penholders, hard rubber	doz.
2205.	Penracks, glass	each
2210.	Penracks, steel spiral	each
2215.	Pens, steel, Esterbrook's #128, professional	gross
2220.	Pens, steel, Esterbrook's #048, falcon	gross
2225.	Pens, steel, Esterbrook's #135, double elastic	gross
2230.	Pens, steel, Esterbrook's #239, chancellor	gross
2233.	Pens, steel, Esterbrook's #284, Blackstone	gross
2235.	Pens, steel, Esterbrook's #313, probate (stub)	gross
2240.	Pens, steel, Esterbrook's #314, relief (stub)	gross
2245.	Pens, steel, Esterbrook's #442, Jackson (stub)	gross
2250.	Pens, steel, Esterbrook's #332, round point	gross
2255.	Pens, steel, Esterbrook's #733, oval point	gross
2260.	Pens, steel, drafting, Gillette #303	gross
2261.	Pens, steel, drafting, crow quill	gross
2265.	Pins, office, (pyramid)	pyr.
2270.	Pins, escutcheon (for metal furniture tags)	lb.
2275.	Pins, push	doz.
2280.	Pins, "T", #1	box
2285.	Pins, "T", #5	box
2290.	Pointers, pencil (sandpaper pads)	each
2295.	Polish, metal	can
2300.	Powder, tracing cloth	can
2305.	Preservers, negative, 4 x 5	100
2310.	Preservers, negative, 5 x 7	100
2315.	Preservers, negative, 5 x 8	100
2320.	Preservers, negative, 8 x 10	100
2325.	Preservers, negative, 11 x 14	100
2330.	Preservers, negative, 14 x 17	100
2335.	Protectors, pencil point	doz.
	Punches, paper, see Items Nos. 1570 and 1575	
2340.	Racks, rubber stamp, 6" strips	each
2345.	Racks, rubber stamp, 12" strips	each
	Reinforcements for loose leaves, gummed (See Item No. 2100)	
2350.	Ribbons, adding machine, Burroughs, black record, 1/2"	each
2355.	Ribbons, adding machine, Burroughs, black and red record, 2-1/8"	each
2360.	Ribbons, adding machine, Burroughs, black record, 3-1/8"	each
2364.	Ribbons, adding machine, Dalton, black and red record 1/2"	each
2365.	Ribbons, adding machine, Dalton, black and red record, 3/4"	each
2366.	Ribbons, adding machine, Dalton, blue record	each
2370.	Ribbons, adding machine, Wales, purple and red record	each
2375.	Ribbons, addressograph, black	each

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
2380.	Ribbons, hectograph, Underwood, purple	each
2385.	Ribbons, metal dating stamp, 2" wide	each
2390.	Ribbons, typewriter, Corona, black record	each
2395.	Ribbons, typewriter, Corona, blue copy	each
2400.	Ribbons, typewriter, L. C. Smith, black record	each
2405.	Ribbons, typewriter, L. C. Smith, black copy blue	each
2410.	Ribbons, typewriter, L. C. Smith, black copy blue and black rec-	each
2415.	Ribbons, typewriter, L. C. Smith, black record and red	ord each
2420.	Ribbons, typewriter, Monarch, black record	record each
2425.	Ribbons, typewriter, Monarch, black copy blue	each
2430.	Ribbons, typewriter, Monarch, black record and red record	each
2435.	Ribbons, typewriter, Remington, black record	each
2440.	Ribbons, typewriter, Remington, black copy blue	each
2445.	Ribbons, typewriter, Royal, black record	each
2450.	Ribbons, typewriter, Royal, black copy blue	each
2455.	Ribbons, typewriter, Royal, black record and black copy blue	each
2460.	Ribbons, typewriter, Underwood, black record	each
2465.	Ribbons, typewriter, Underwood, black copy blue	each
2470.	Ribbons, typewriter, Underwood, black record and black copy blue	each
2475.	Ribbons, typewriter, Underwood, black record and red record	each
2480.	Ribbons, typewriter, Underwood, black copy blue and red copy	each
2485.	Ribbons, typewriter, Underwood, blue and red copy	each
2487.	Rings, rubber, for water coolers	each
2490.	Rulers, rubber, 18"	each
2495.	Rulers, rubber, 24"	each
2500.	Rulers, wooden, 12"	each
2505.	Rulers, wooden, 15"	each
2510.	Rulers, wooden, 18"	each
2511.	Rulers, wooden, 24"	each
2514.	Screweyes, 3/8" (for picture frames)	each
2515.	Shears, 6"	each
2520.	Shears, 10" (Inventorial)	each
2525.	Shields, erasing, steel	each
2530.	Shoes, chair, glass bottom	set
2535.	Soap, hand, white	cake
2540.	Soap, laundry, brown	cake
*2545.	Soap, liquid (In bulk, send container)	gal.
2550.	Soap, scouring, Bon Ami or equal	cake
2555.	Soap paste, Flash or equal	can
2560.	Soap powder (in bulk)	lb.
2565.	Sponges (for cups)	each
2570.	Stamps, dating, revolving, 4-band (rubber)	each
2575.	Stamps, numbering, revolving, 4-band (rubber)	each
2580.	Stamps, numbering, revolving, 6-band (rubber)	each
2585.	Staples, for paper fastening machines, Acme #1 (5000 to box)	box
2590.	Staples, for paper fastening machines, Acme #2 (5000 to box)	box
2595.	Staples, for paper fastening machines, Hotchkiss (5000 to box)	box
2600.	Staples, for paper fastening machines, Midget A (5000 to box)	box
2605.	Staples, for paper fastening machines, Midget B (5000 to box)	box

<u>Bureau</u> <u>Item No.</u>	<u>Article</u>	<u>Unit</u>
2610.	Stops, door	each
*2615.	Strawboard, corrugated, 36" x 36"	sheet
2620.	Supports, book	each
2625.	Supports, desk tray (4 in set)	set
	Tabs, index, see Index Tabs, Item No. 1245	
2630.	Tacks, carpet	pkg.
2632.	Tacks, map, colored, 12 to a box	box
2633.	Tacks, map, colored, 100 to a box	box
2635.	Tacks, thumb, 3/8"	doz.
2640.	Tacks, thumb, 1/2"	doz.
2645.	Tags, shipping, franked	100
2650.	Tags, shipping, plain	100
2655.	Tape, gummed, paper, transparent, 5/8"	spool
2660.	Tape, gummed, paper, brown, 2"	roll
2665.	Tape, gummed, linen, success binder	roll
2670.	Tape, red	spool
2675.	Thermometers, wall	each
2680.	Towels, cloth, 13 x 16, sanitary knit	doz.
2685.	Towels, cloth, cotton huck, 13x36 (for use at branch offices only)	doz.
2686.	Towels, cloth, cotton huck, 14 x 20	doz.
2690.	Towels, paper, folded (25 packages to carton)	pkg.
2695.	Traps, mouse	each
2700.	Trays, desk, wooden, letter size	each
2705.	Trays, desk, wooden, cap size	each
*2710.	Tubes, mailing, 1" diameter, 21" long	each
*2715.	Tubes, mailing, 2" diameter, 24" long	each
*2720.	Tubes, mailing, 3" diameter, 36" long	each
*2725.	Tubes, glass, drinking cup holder, 16"	each
2730.	Tumblers, glass	each
2735.	Twine, cotton, soft, 16# sail	ball
2745.	Twine, cotton, hard, #36, cable	ball
2750.	Twine, jute, soft, light weight	ball
2755.	Twine, jute, hard, (extra heavy)	ball
2760.	Typewriter cushion feet	set
2764.	Typewriter felt pads	each
2765.	Typewriter key cushions	set
2770.	Waste, cotton (substitute for cheesecloth in cleaning machines)	lb.
2775.	Wax, floor	can
2780.	Wax, sealing	stick
2785.	Weights, paper, glass	each
2786.	Wicks for envelope sealing machines	each
2790.	Wire, picture (25 yds. to package)	pkg.
2795.	Wire, for metal property tags	spool

BUREAU FORMS CARRIED IN STOCK

<u>Stock List</u> <u>Item No.</u>	<u>Form</u> <u>No.</u>	<u>NAME</u>
3001	AE-1	Itinerary Report
3005	AE-5	Inventory Master Card
3005a	AE-5a	Inventory Distribution Card
3013	AE-13	Advance Itinerary Post Card
3015a	AE-15a	Certificate of Ownership of Furniture
3015b	AE-15b	Certificate of Officer certifying to Subordinate's Owner-ship
3017	AE-17	Inventory Memorandum Slip of Purchase on L.A.
3020	AE-20	Weekly Travel Report
3021	AE-21	Acknowledgement of Mailing List Request
3022	AE-22	Change of Address to be sent to Project Leaders
3024	AE-24	"Special" Slips
3025	AE-25	Report of Changes in Payroll Status
3026	AE-26	Intra-Bureau Reference Slip
3030	AE-30	Form for Requesting Outside Publications
3031	AE-31	Form for Requesting Auto Truck Service
3040	AE-40	Requisition for Direct Purchase (Branch Offices)
3041	AE-41	Amendment to Letter of Authorization (buff sheet)
3041a	AE-41	Amendment to Letter of Authorization (thin sheet)
3043	AE-43	Record of Branch Office Expenditures (Branch Offices)
3044	AE-44	Request for Certification
3045	AE-45	List of Dealers
3046	AE-46	Changes in Branch Office Directory (Branch Offices)
3050	AE-50	Letter of Authorization (buff sheet)
3050a	AE-50	Letter of Authorization (thin sheets)
3051	AE-51	Application for Leave While Traveling on Official Business
3052	AE-52	Request for Forwarding Salary Check
3053	AE-53	Motor Vehicle Expense Account
3055	AE-55	Request for Amendment to Authorization
3057	AE-57	Mailing List Memorandum
3061	AE-61	Request for Loan of Brief Case or Portable Typewriter
3064	AE-64	Record Slip for Photographs
3070a	AE-70a	Property Transfer Invoice (Original Copy)
3070b	AE-70b	Property Transfer Invoice (Duplicate Copy)
3071	AE-71	Inventory Report of Branch Offices
3072	AE-72	Inventory Blanks, Summary Form
3073	AE-73	Mechanical Equipment Record Card
3074	AE-74	Request for Photographic Work
3076	AE-76	Division Personnel Record Card
3080	AE-80	Separation from the Service
3081	AE-81	Shipping Request (original and duplicate)
3082	AE-82	Application for Position in Bureau of Agricultural Eco-nomics
3084a	AE-84a	Order for Transportation Requests
3084b	AE-84b	Receipt for Transportation Requests, for return to Section of Audits and Accounts
3085a	AE-85a	Property Loan (Original)
3085b	AE-85b	Property Loan (Duplicate)

<u>Stock List</u> <u>Item No.</u>	<u>Form</u> <u>No.</u>	<u>NAME</u>
3086	AE-86	Personal Charge Card
3087	AE-87	Bill of Lading Record Card
3088a	AE-88a	Supplies Requisition (Supply Section Copy)
3088b	AE-88b	Supplies Requisition (Div. Office Copy)
3088c	AE-88c	Supplies Requisition (Branch Office Copy)
3096	AE-96	Reference Letter (Pertains in Part)
3097	AE-97	Request for Increased Compensation
3099	AE-99	Reference Letter (Does not pertain)
3100	AE-100	Statement of Mechanical Equipment
3102	AE-102	Loss or Sale of Property
3103	AE-103	Appointments Card

DEPARTMENT FORMS CARRIED IN STOCK

Stock List

<u>Item No.</u>	<u>NAME</u>
3200	Pay Roll for Personal Services Outside of District of Columbia (Dept. No.2)
3205	Pay Voucher for Personal Service (Dept. No.3)
3210	Reimbursement Voucher for Traveling, Station & Field Expense (Dept. No.4) (Insert sheet for Form 4 Voucher)
3215	Subvoucher for Meals Lodging (Dept. No. 4B) (Subvoucher for Supplies, Livery and Misc.)
3220	Voucher for Purchases and Services other than Personal (Dept.No.5)
3225	Copy of Authority to Publish Advertisement (Dept. No.6)
3230	Advertising Rates (Dept. No. 6b)
3235	Public voucher for Transportation by Express (Dept. No.8)
3240	Request for Publications (Dept. No.9)
3245	Application for Advance of Funds (Dept. No.100)

MISCELLANEOUS FORMS CARRIED IN STOCK

3300	Addressing and Duplicating Requisitions
3305	Application for leave (Field service only-green)
3310	County Diagrams
3315	Franked slips 3x5
3320	Franked slips 2x4, addressed
3325	Franked slips, Printed Matter
3330	Franked Postal Cards
3335	Field Diary Covers
3340	Field Diary Insert Books
3345	Geographical State List (large sheets)
3350	Geographical State List (small sheets)
3355	Government Bills of Lading
3360	Informal Proposal for Supplies
3365	Memorandum of Travel Expense (small books)
3370	Mileage Purchase Slip
3375	Oath of Office
3380	"Prepared By" Slips
3385	Resignation Blanks
3390	Rubber Stamp Requests
3395	Scrip Purchase Slips
3400	Shop Requests, white
3405	Shop Requests, red
3410	Shop Requests, yellow
3415	Statement of Mileage or Scrip Used
3420	Statement of Travel by Motor Vehicle
3425	Temporary Receipts for use in Lieu of Lost Bills of Lading
3430	Tax Exemption Certificates
3435	Telegraph blanks, 3 x 8 (in pads)
3440	Telegraph blanks, 5 x 8 (in pads)
71115	Telegraph blanks 8 x 10-1/2 (in pads)

DEPARTMENT REGULATIONS CARRIED IN STOCK

Stock List
Item No.

NAME

3500	Administrative Regulations (book form)
3505	Fiscal Regulations (book form)
3510	Property Regulations (book form)
3515	Travel Regulations (book form)

FOOD PRODUCTS INSPECTION FORMS CARRIED IN STOCK.

Stock
List No.

Form No.

NAME

5000	1	Food Products Inspection Certificates (Originals)
5005	1a	Food Products Inspection Certificates (Duplicates)
5010	2, 2a, 2b,	Fee Slips (white, blue and pink copies in pads)
5015	3	Food Products Inspection Certificates (Butter) (Originals)
5020	3a	Food Products Inspection Certificates (Butter) (Duplicates)
5025	4	Inspector's Notes
5030	5	Application for Inspection (F. & V.) (in pads)
5035	6	Application for Inspection (Butter)
5040	7, 7a,	Navy Inspection Form (white and yellow copies in bound
5045	8	List of Designated Inspection Markets book)
5050	11	Monthly Report
5055	11a	Monthly Report (Second sheet)
5060	13	Fee Slips, Outside Market (white, blue and pink copies in
5065	14	Post Card Announcement of Inspection pads)
5070	15	Transmittal Sheet, Checks for Deposit (Original)
5075	15	Transmittal Sheet, Checks for Deposit (Second sheet)
5080	15	Transmittal Sheet, Checks for Deposit (Thin original sheet)
5085	15	Transmittal Sheet, Checks for Deposit (Thin second sheet)
5090	--	Weekly Report
5095	--	Monthly Report of Navy and Marine Inspections
5100	--	Perforated Inspector's Notes (3-1/2 x 8-1/2)
5105	--	Card for Forwarding Samples of Diseased Stock

FRUIT AND VEGETABLE DIVISION FORMS CARRIED IN STOCK

<u>Stock List No.</u>	<u>F&V or MS Form No.</u>	<u>NAME</u>
5200	F&V-1	Transfer of Property
5205	F&V-2	Supplementary Daily Price Report (in pads)
5210	F&V-3	Application to Field Stations for Daily Reports (post card)
5300	MS-3	Circularization Form for New Names (in pads)
5305	MS-6	Report of Temporary Field Station Arrangement
5310	MS-15	Order for Addressograph Plates
5315	MS-31	Market Men's Daily Report (in pads)
5320	MS-32	Field Men's Daily Report
5325	MS-37	Market Station Monthly Supply Report
5330	MS-44	Acknowledgment of Request for Daily Reports (post card)
5335	MS-46	Record of Sales (in pads)
5340	MS-47	Record of Receipts (in pads)
5345	MS-50	Notification of Report for Duty (card)
5350	MS-51	Report of Selection of Employee and Recommendation for Appointment
5355	MS-55	Franked Label for Field Station Reviews

GRAIN STANDARDS ACT FORMS CARRIED IN STOCK

<u>Stock List No.</u>	<u>U. S. G. S. A. Form No.</u>	<u>NAME</u>
5500	1	Federal Appeal Grade Certificate - Grain Supervisor (white copy)
5501	1a	Federal Appeal Grade Certificate - Grain Supervisor (white copy)
5502	1b	Federal Appeal Grade Certificate - Grain Supervisor (pink copy)
5503	1c	Federal Appeal Grade Certificate - Grain Supervisor (yellow copy)
5505	2	Federal Appeal Grade Certificate - Board of Review (white copy)
5506	2a	Federal Appeal Grade Certificate - Board of Review (white copy)
5507	2b	Federal Appeal Grade Certificate - Board of Review (pink copy)
5508	2c	Federal Appeal Grade Certificate - Board of Review (yellow copy)
5510	3	Federal Dispute Grade Certificate - Grain Supervisor (white copy)
5511	3a	Federal Dispute Grade Certificate - Grain Supervisor (white copy)
5512	3b	Federal Dispute Grade Certificate - Grain Supervisor (pink copy)

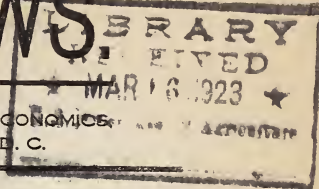
<u>Stock</u> <u>List No.</u>	<u>U. S. G. S. A.</u> <u>Form No.</u>	<u>NAME</u>
5513	3c	Federal Dispute Grade Certificate - Grain Supervisor (yellow copy)
5515	4	Federal Appeal Grade Certificate - Cargo Services (white copy)
5516	4a	Federal Appeal Grade Certificate - Cargo Services (blue copy)
5520	12	Moisture Test Record (Bound notebook)
5525	15	Card for Designating Agents in Appeals and Disputes
5530	16	Appeal Form of Complaint
5535	17	Complaint or Stipulation in a Dispute
5540	52	Car Seal Report to Railroad (white and yellow sheets in pads)
5545	64	Report of Grain Handled by Sample or Type (heavy sheets)
5550	64	Report of Grain Handled by Sample or Type (thin sheets)
5555	74	Memorandum to Grain Zone Agent, Food Administration Grain Corporation (in pads)
5560	78	Notice to Inspector of Appeal from His Grading (heavy sheets)
5565	78	Notice to Inspector of Appeal from His Grading (thin sheets)
5570	92	Folder Appeal Record Sheet
5575	96	Certificate of Preserved Identity
5580	98	Daily Record Sheet of Licensed Inspections of Corn
5585	99-B	Daily Record Sheet of Licensed Inspections of Wheat
5590	100	Monthly Report Covering Elevator Receipts of Wheat (white)
5595	100a	Monthly Report Covering Elevator Shipments of Wheat (pink)
5600	101	Monthly Report Covering Elevator Receipts of Shelled Corn (white)
5605	101a	Monthly Report Covering Elevator Shipments of Shelled Corn (pink)
5610	102	Report of Samples Handled and Submitted to Board (Weekly) (Card)
5615	103	Supervisor's Record on Flagrant Misgrades (card)
5620	105	Daily Record Sheet of Licensed Inspections of Oats (work sheet)
5625	106	Monthly Report Covering Elevator Receipts of Oats (white)
5630	106a	Monthly Report Covering Elevator Shipments of Oats (pink)
5635	109	Weekly Report of Licensed Inspections of Wheat, Shelled Corn and Oats at Inspection Points (to be sent to field headquarters offices)
5640	111	Monthly Report of Licensed Inspections of Wheat, Shelled Corn and Oats at Inspection Points (to be sent to Washington)
5645	113	Notice of Supervisor to Washington Office of Return to Appellant of Deposit
5650	115	Grain Exports Report
5655	116a	Intermarket Inspection Record (white) (in pads)
5660	116b	Intermarket Inspection Record (yellow) (in pads)
5665	117a	Inspections Reviewed at Inspection Offices (card)
5670	117b	Inspections Reviewed by Supervisors (card)
5675	118	Official Sampler's and Laboratory Record (serially numbered)
5680	119	Sample Ticket (card)
5685	120	Appeal Order Book
5690	121	Record of Inspections and Accuracy
5695	122	Car Record Book (for Supervision Offices)
5700	130	Intermarket Summary (thin paper) (in 3 x 5 pads)
5705	131	Cargo Report - Lake and Rail

WAREHOUSE DIVISION FORMS CARRIED IN STOCK

Stock List No.	W. A. Form No.	NAME
6000	9	Application, Classifier-Weigher (Cotton)
6005	3-W	Application, Grader-Weigher (wool)
6010	9	Application, Inspector-Grader-Weigher (Grain)
6015	T-9	Application, Inspector-Grader-Weigher (Tobacco)
6020	C-1	Application, Warehouseman's (Cotton)
6025	1	Application, Warehouseman's (Grain)
6030	T-1	Application, Warehouseman's (Tobacco)
6035	1-W	Application, Warehouseman's (Wool)
6040	2	Application, Warehouseman's (General) Renewal
6045	4-A	Bond - Individual (General)
6050	4-B	Bond - Copartners (General)
6055	4-B	Bond - Affidavit (General)
6060	4-C	Bond - Corporation (General)
6065	4-D	Bond - Personal Surety (General)
6070	4-E	Bond - Agreement to Extend (General)
6075	4-F	Bond - Continuation Certificate (General)
6080	4-G	Bond - Duplicate Receipt (General)
6085	13	Certificate, Cotton Class (Cotton)
6090	14	Certificate, Cotton Weight (Cotton)
6095	15	Certificate, Cotton Class and Weight (Cotton)
6100	15	Certificate, Grain Inspection (Grain)
6105	14	Certificate, Grain Weight (Grain)
6110	17	Certificate, Grain Inspection and Weight (Grain)
6115	6-W	Certificate, Wool Grade (Wool)
6120	7-W	Certificate, Wool Weight (Wool)
6125	T-17	Certificate, Warehouse, Inspection, Grade & Weight (Tobacco)
6130	C-6	Receipt, Warehouse (Cotton)
6135	C-6a	Receipt, Non-Negotiable (Cotton)
6140	C-6a	Receipt, Multiple Bale (Cotton)
6145	6	Receipt, Warehouse (Grain)
6150	T-6	Receipt, Warehouse, single package (Tobacco)
6155	T-6a-b	Receipt, Warehouse, multiple package (Tobacco)
6160	5-W	Receipt, Warehouse (Wool)
6165	CTW-5	Report, Original Inspection (Cotton-Tobacco-Wool)
6170	5	Report, Original Inspection (Grain)
6175	2-W	Report, Original Inspection (Wool)
6180	22-c	Report, Subsequent Inspection (Cotton)
6185	22	Report, Subsequent Inspection (Grain)
6190	C-22b	Report, Subsequent, Inspection, Supplemental (Cotton)
6195	22 Sup.1	Report, Subsequent Inspection, Supplemental, Grain Inspt. EX. (Grain)
6200	22 Sup.2	Report, Subsequent Inspection, Supplemental, Grain Weigher, Ex. (Grain)
6205	22 Sup.3	Report, Subsequent Inspection, Supplemental, On Receipts and Stock (Grain)
6207	WF-22sp.	Report, Subsequent Inspection-War Finance Corporation (Grain)

<u>Stock</u> <u>List No.</u>	<u>W.A.</u> <u>Form No.</u>	<u>NAME</u>
6210	C-7	Report, Operations (Cotton)
6215	G-7	Report, Operations (Grain)
6220	11-W	Report, Operations (Wool)
6225	18	Report, Classifier-Weigher (Cotton)
6230	5-A	Statement of Assets and Liabilities (Partnership)
6235	5-B	Statement of Assets and Liabilities (Individual)
6240	5-C	Statement of Assets and Liabilities (Corporation)
6245	1-B	Statement of Individual (General)
6250	9-A	Statement of Warehouseman (Cotton)
6255	9-A	Statement of Warehouseman (Grain)
6260	T-9a	Statement of Warehouseman (Tobacco)
6265	9-W	Statement of Warehouseman (Wool)
6270	T-11	Tags, Sample (Tobacco)

THE B. A. E. NEWS



ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.

March 13, 1923.

Vol. 3, No. 11.

1. RYE GRADES ENDORSED BY TRADE.

Four public hearings on rye grades to be established under the grain standards Act on or about July 1 next have just been concluded. At the hearings, held at New Orleans, Chicago, Minneapolis and New York City, the trade endorsed the proposition of official rye grades under the grain standards Act, agreed with the general structure of the proposed grades and the major factors to be considered, offered constructive criticism and suggested a few minor changes.

Consideration is now being given to the suggestions received at the hearings or contained in written communications from persons unable to attend the hearings. It is hoped that the standards may be prepared in final draft for promulgation on or about April 1 in order that the ninety days public notice which is required before the standards can be made legally effective may be given. If this is accomplished, the rye grades will become effective with the movement of this year's crop, on or about July 1.

2. LOUIS B. ZAPOLEON TO ADDRESS FARM LOCAL WEDNESDAY.

"Tariff Problems in Agricultural Products" will be discussed by Louis B. Zapoleon, of the United States Tariff Commission, at the meeting of the D. C. chapter of the American Farm Economic Association, tomorrow, March 14. The hour and place of meeting are as usual: 4:40 p.m. in room 411, Bieber Building.

3. AMERICAN HONEY PRODUCERS URGE IMMEDIATE PROMULGATION OF GRADES.

That United States grades for honey be made effective, if possible, for this year's crop was recommended by the American Honey Producers' League which met at St. Louis, February 6-8. A copy of the resolutions adopted by the association has just reached the department. In addition to urging the immediate promulgation of grades, the resolutions committee expressed sincere appreciation to H. W. Samson, of this bureau, and Dr. Phillips, of the Bureau of Entomology, for their splendid efforts in assisting in the establishment of a set of national honey grades.

4. OLD STATISTICAL RECORDS BEING REVISED.

With a view to revising and smoothing out possible discrepancies, the historical records of the department dating back to 1866, and relating to acreages, crop production, and live stock estimates are being reviewed. Under the direction of J. A. Becker, the work is being done by statisticians, economists and clerks from the Divisions of Crop and Live Stock Estimates and Statistical and Historical Research.

5. HAY INSPECTIONS FOR SECOND MONTH LOWER THAN FIRST.

During the month of February, 258 inspections and re-inspections were made by Federal Hay inspectors. This number is 136 less than inspections made in January. Light receipts in the markets and the fact that February is a short month are given as the reasons for the decrease.

Eight per cent of the inspections were for straw, alfalfa and hay other than timothy for which no Federal Grades have been established.

6. AT THE BUREAU COUNCIL.

In opening the council meeting, Dr. Taylor called attention to Dr. Alfred Marshall's three volumes on economics. These are: "Principles of Economics," "Industrial Trade" and "Money and Commerce," which the Chief characterized as a good work with which to wrestle. He also spoke of a new bulletin entitled "Marketing by Cooperative Sales Companies," by Prof. Theodore Macklin. This bulletin is known as Bulletin No. 346 of the Agricultural Experiment Station of the University of Wisconsin.

A series of brief reports on various activities of the bureau was made by those in charge of the work. H. J. Besley reported on the hearings on the rye grades.

New cotton law explained.

With the enactment into law of H. R. 14302 introduced by Mr. Fulmer of South Carolina, the use of the official cotton standards of the United States is required insofar as any standards may be used to describe cotton in all transactions arising in the United States, W. R. Meadows explained to the council. However, sales or shipments by type, mark or sample without reference to any standard are permitted.

The cotton futures Act and the warehouse Act have done much to stabilize the business, Mr. Meadows said. The first act has improved trading in that it provides for better hedging facilities and more reliable future market quotations within the United States. The latter law affords better warehouse receipts for use as collateral for loans to farmers and merchants while they await a favorable market for cotton.

In order to give those present a better understanding of what the new law means to the American farmer and the cotton trade, Mr. Meadows reviewed briefly the conditions of the trade during the past ten years. He said that before the world war, exporting and financing cotton was done largely by foreign merchants and bankers who made the larger part of the profits. However, the war threw on American merchants and bankers the necessity of financing their own cotton shipments, and the latter now dominate the trade in American cotton. Because of long established customs, the use of foreign standards within this country has continued. This presents an unsatisfactory state of affairs because of confusion arising out of quotations on two systems of classification and the settlement of arbitrations on such foreign standards before foreign boards of arbitration on which America has no representation.

In summing up the advantages of the new law, Mr. Meadows said:

1. It simplifies trading by allowing the use of only one set of standards for cotton which in turn makes for more intelligent quotations;
2. it pro-

vides for the licensing of classifiers which tends to more uniform application of the grades, because it places some restraint on those who apply the grades and gives the producer a chance to secure the service of competent cotton classers; and 3. it authorizes the United States Department of Agriculture to classify cotton for any one upon request and the payment of the prescribed fees. This classification service by the department may be utilized as an arbitration in all sales or shipments of spot cotton in interstate or foreign commerce.

W. F. Callander told of a statistical study now being made by the Division of Crop and Live Stock Estimates, the object of which is to estimate the percentage of loss from the ravages of the boll weevil. This is an instance where the statistical methods of the bureau are being utilized to study what is primarily a biological problem.

Dr. L. C. Gray spoke of the round table organized within the department to discuss land economics. The organization is entirely informal and unofficial. It meets once a week to discuss various aspects of land problems. At the present time it is considering the Great Plains region. Next it expects to take up problems of the Southern cut-over area.

W. A. Wheeler announced that the hay grades which became effective January 1 are now being used in six markets. The New York State Hay and Grain Dealers Association has adopted the Federal grades, but the Michigan association, because of the presence of adverse criticism at its last meeting, has postponed final consideration of the grades until its meeting in July.

Dr. C. J. Galpin reviewed very briefly the present status of country life work. He referred to the enlarged program of the American Country Life Association, and spoke of the need for outstanding women leaders with large concepts of the farm home. He spoke also of the housing law for tenants now being considered in Texas and briefly told of studies of American villages and towns now under way and of the prevailing interest in the new agricultural population statistics published for the first time with the last census returns.

Dr. Taylor expressed regret at Mr. Murray's leaving the service. Mr. Murray said he expected to take up his new duties next Monday with mingled feelings. He regrets leaving the service after a connection of nearly nineteen years, but is looking forward with pleasure to his new work.

7. TIME CHARTS PRESENT INTERESTING DATA.

Charts prepared by Miss E. B. Johnson, Time Clerk, show that for the month of January the peak of leave taken in Washington was reached during the week of January 20-27. On January 20, 70 persons were absent on account of sickness and 42 were on annual leave. On January 22, 76 employes were sick and 36 were absent for other reasons. Forty-nine members were sick on January 27, and other absences on that date, due mainly to illness in the families of employes, totaled 47.

3. RETAIL MEAT TRADE OF WISCONSIN DISCUSSED.

The condition of the retail meat business in five Wisconsin cities was discussed by L. A. Adams at the staff meeting of the Cost of Marketing

Division last week. The division, in cooperation with the Wisconsin Department of Markets, surveyed the trade in 1921 and is now preparing the data for publication. One of the outstanding features of the trade is that a large number of stores within a city results in a high percentage of the stores operating at a loss. Wages and salaries contribute nearly 60% of all expenses and in most cases where stores showed a net loss, the cost could be traced to this one item of expense, Mr. Adams said. He discussed also the difficulties encountered in a study of the margins retained by growers, merchants, manufacturers, wholesalers and retailers of cotton and cotton goods. In the manufacture and sale of cotton goods, there is an almost bewildering marketing structure, he pointed out. The study of the margins may be facilitated, however, by the selection of certain standard grades of both raw and finished material. This volume is of such magnitude as to represent the bulk of the business.

Mr. Adams left for New England points, Saturday, where he will take up the work at the large cotton mills in cooperation with Dr. A. B. Cox, Economist of the Cotton Division.

9. CHANGES IN PERSONNEL OF DIVISIONAL COMMITTEES MADE.

H. W. Samson has been appointed chairman of the committee on research and of the committee on publications of the Division of Fruits and Vegetables, vice Admer D. Miller, resigned. Other members of the committee on research are F. G. Robb and E. W. Stillwell. The committee on publications, particularly charged with the preparation of commodity bulletins, is now composed of H. W. Samson, chairman, George B. Fiske and Harold J. Clay.

10. MEMORANDUMS TO THE FIELD.

The following memorandums are being enclosed to field offices:
 Office of the Secretary Memorandum No. 424, amendment to the fiscal regulations regarding actual traveling expenses;
 Office of the Secretary Memorandum No. 425, designating committees on clerical efficiency.

11. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending March 9 are the following:

Bernhardt, Joshua.

... The Tariff Commission; its history, activities and organization... New York, D. Appleton and Company, 1922.

(Institute for Government Research. Service monographs of the United States Government, No. 5)

Holt, W. S.

... The Federal Trade Commission; its history, activities and organization... New York, D. Appleton and Company, 1922.

(Institute for Government Research. Service monographs of the United States, No. 7)

Lawrence, F.W.P.

Why prices rise and fall. London, New York [etc.] H. Milford, Oxford University Press, 1920. (The world of to-day)

Rorty, M. C.

Some problems in current economics... New York, Chicago, A. W. Shaw Company. [1922]

U. S. Congress. House. Committee on Agriculture.

Butter bill. Mining in Wichita game reserve. Hearings... 1922.

U. S. Congress. House. Committee on Appropriations.

Departments of Commerce and Labor Appropriations Bill, 1924. Hearings... 1922.

U. S. Congress. House. Committee on Banking and Currency.

Rural credits. Hearings... on the bills S.4280 (H.R. 13033) to provide for the incorporation and supervision of corporations formed for the purpose of making agricultural and live-stock loans... 1923.

U. S. Congress. Senate. Committee on Agriculture and Forestry.

Grain futures. Hearings... on H. R. 11843. An act for the prevention and removal of obstructions and burdens upon interstate commerce in grain, by regulating transactions on grain future exchanges... 1922.

U. S. Congress. Senate. Committee on Agriculture and Forestry.

Regulating the importation of the adult honeybee (*Apis mellifica*) Hearing... Aug. 1, 1922.

U. S. Congress. Senate. Committee on Appropriations.

Departments of Commerce and Labor Appropriation Bill, 1924. Hearings... 1922.

U. S. Treasury. Comptroller of the Currency.

Text of the annual report of the Comptroller of the Currency to the fourth session of the Sixty-seventh Congress of the United States, Dec. 4, 1922. 1923.

U. S. War Dept. Board of Engineers for Rivers and Harbors.

The port of Boston, Mass... Washington, 1922.

(Port series No.2)

BUREAU BREVITIES

12. "INFLUENCE OF RELATIVE HUMIDITY ON FLOUR MILLING RESULTS," an article prepared by J. H. Shollenberger, will be published by a number of milling journals. The American Miller, of Chicago, in accepting the article, says "There is no doubt but that the relationships established by your experiments between the relative humidity and the milling results obtained will open up a field of great practical as well as scientific value to the industry."
13. COST OF USING TRACTORS on corn-belt farms and ways of reducing costs are discussed by L. A. Reynoldson and H. R. Tolley in Farmers' Bulletin No. 1297. This is the most recently published bulletin of the series prepared by the Farm Power Committee.
14. J. N. LIPSCOMB, Professor of Agricultural Economics, A. & M. College, Miss., has returned to the college after spending three weeks conferring with the members of the Division of Farm Management, and perfecting plans for cooperative work for the coming year.
15. D. S. MURPH, formerly in charge of the cotton work of the Bureau of Markets, was a welcome visitor yesterday.
16. THE TOTAL MORTGAGE DEBT ON FARMS in the United States on January 1, was \$7,857,700,000, according to estimates prepared by this bureau and the Bureau of the Census of the Department of Commerce.
17. IN THE BOWLING LEAGUE. Farm Management won two games from Agricultural Economics last Wednesday.

PERSONALS

W. R. Meadows, in charge of the Cotton Division, will leave Washington the first of next week to attend the meeting of the Texas State Cotton Buyers Association to be held at Dallas, March 23-24, where the operation of the cotton standards Act will undoubtedly come up for discussion. Mr. Meadows will obtain information to be used in preparing the preliminary draft of rules and regulations under the Act.

C. A. Burmeister will be in Roanoke, Va., March 15 and 16, where he will attend a meeting of the Virginia live stock shippers and deliver an address on the efficient operation of a cooperative live stock shipping association. He will assist also with demonstrations in grading and handling live stock and in the preparation of shipping association records and accounts.

George O. Gatlin, Assistant in the Division of Agricultural Cooperation, is now located at Murray, Ky. While he will be available to assist in conducting certain studies along cooperative lines, Mr. Gatlin is planning to devote the major portion of his time to personal business.

Gordon F. Cadisch, of the Division of Agricultural Finance, who is gathering information on financing the production and marketing of fruits and vegetables in Florida, discussed rural credit legislation on March 5 before a number of cooperative fruit growers of Bartow, Fla. Mr. Cadisch reports considerable interest among Florida fruit growers with regard to the credit legislation recently enacted.

H. R. Tolley, In Charge, Division of Farm Management, and B. B. Smith of the Division of Cost of Marketing, are at Tallulah, La., attending a conference of officials of this bureau and the Bureau of Entomology, at which plans for a statistical study of boll weevil damage and methods of control are being perfected.

Bruce McKinley and J. J. Vernon, of the Division of Farm Management, have returned from Washington County, Ohio, after completing the field work in connection with the farm business analysis survey, which has been carried on in that county for the past 11 years.

Byron Hunter, of the Division of Farm Management, has returned to his headquarters at Moscow, Idaho, after spending February in Washington.

E. W. Baker, of the Chicago office of the Live Stock, Meats and Wool Division, is ill with influenza.

G. P. Williams, Live Stock Market Reporter at the Chicago Live Stock, Meats and Wool office, has tendered his resignation effective April 1.

Mrs. A. P. Neel, of the Washington Live Stock, Meats and Wool Division, is spending a few days annual leave in New York City.

Frank Hiler, who has been temporarily in charge of the Live Stock, Meats and Wool office at Los Angeles, resigned effective March 10. W. W. Wofford will succeed Mr. Hiler.

R. S. Washburn, of the Division of Cost of Production, left last Thursday for Charlotte Court House, Va., to procure records on the cost of producing tobacco.

E. A. Boeger, of the Division of Farm Management, is confined to Georgetown University Hospital because of illness. It will probably be two or three weeks before he will be able to resume his duties.

J. C. Folsom of the Division of Land Economics, who was absent several days last week on account of illness, has returned to duty.

On account of the serious illness of her mother, Miss Louisa M. Reinke, of the Bureau Library, is on leave at her home in Cincinnati, Ohio.

Mrs. Julia S. Holman, Clerk in the Division of Cotton Marketing, resigned effective February 23.

Mrs. Floy V. Galleher reported for duty on March 1, under her appointment to the position of Skilled Laborer (Qualified in Pasteboard Box Making).

O. A. Juve, chief accountant of the Division of Cost of Production, has returned to Washington after spending two weeks in the sugar-cane section of Louisiana in connection with inaugurating a study of the cost of producing sugar cane on about thirty farms located near Baton Rouge, Lafayette and Houma, La. He also visited Urbana, Ill., investigating the accounting systems used by the College in studying farm costs.

H. V. DeMott, Auditor in the Domestic Wool Section, is in Chicago re-auditing the accounts of a number of large wool firms who handled part of the 1918 clip.

W. D. Googe, of the Fort Worth, Texas, office of the Fruit and Vegetable Division, is spending a short period of annual leave in Washington.

Mrs. Ethel M. Mague, of the Domestic Wool Section, has resigned effective March 15. Mrs. Mague has been handling the distribution work in the Domestic Wool Section. This work involves the computation of the proportion of excess profits due each grower who sold 1918 wool to dealers, who in turn sold at a margin beyond that allowed by war-time regulations.

R. H. Shoemaker, of the Grand Rapids office of the Fruit and Vegetable Division, attended the Michigan Potato Growers Exchange meeting at Cadillac, February 27. He participated in the discussions relating to shipping-point inspection.

T. A. Sommers, of the Grain Division, is now in charge of the work relating to publications and information in the Grain Division, succeeding G. A. Dabinett, resigned. Mr. Sommers' work includes the compilation of export statistics and the preparation of price telegrams.

Albert E. Harrison, Grain Sampler at Omaha, Nebr., has returned to duty after an absence of several days caused by a sprained leg received while sampling.

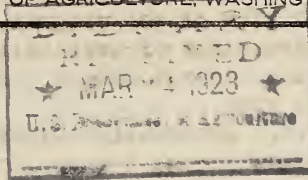
F. L. Morris, Grain Division Supervisor stationed at Kansas City, and Philip Rothrock, Division Supervisor of St. Louis, have returned to their headquarters, after attending the rye hearings at New Orleans and visiting the Galveston, Texas, office of the Grain Division.

M. L. Henry, Food Products Inspector, has been permanently transferred from the Pittsburgh to the New York City staff.

F. M. Patton, who visited Baltimore, Philadelphia and New York last week conferring with railroad officials regarding improvements in the telegraphic reports of shipments, has returned to Washington.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.



March 20, 1923.

Vol. 3, No. 12.

1. LUNCHEON IN HONOR OF MR. MURRAY.

In the Blue Room of The City Club last Friday, luncheon was served to about 35 employes of this bureau and a few invited guests from other branches of the service, who had assembled in honor of Nat C. Murray. In the absence of Dr. Taylor, who was unexpectedly called from the city, Lloyd S. Tenny presided, and with him at the speakers' table, in addition to Mr. and Mrs. Murray, were Mrs. Tenny, Assistant Secretary Pugsley, W. L. Austin, of the Bureau of the Census, Dr. W. A. Taylor, Chief of the Bureau of Plant Industry, S. D. Fessenden, Dr. S. A. Jones, and W. F. Callander.

Mr. Pugsley, who was introduced not as the Assistant Secretary of Agriculture; but as a former employe of the old Bureau of Crop Estimates, told of his early association with Mr. Murray, and on behalf of the Secretary's Office wished him God speed in his new work.

In speaking for the Census Bureau, with which Mr. Murray has co-operated most effectively, Mr. Austin said: "We have known Mr. Murray very well indeed. He is a loyal, enthusiastic, efficient employe of your department, one who is interested in humanizing the Government service, not only in his own department but in the other departments of the Government. I am not going to wish him goodbye, but am going to paraphrase a verse received on a Christmas card from a friend:

'It's really been a Gee Whiz of a job to make a speech
for you

The speeches of the regular kind would never,
never do.

So here's just the plainest kind of a speech, without any wish,
it's true,

Cause, darn it man, there is no wish that's good enough
for you.'"

Mr. Austin also told a good story in connection with the efforts Mr. Murray has made in what he called "humanizing the Government service." After coming to Washington, a member of Congress thought it was necessary for Mr. Austin to see Washington before he went to work. Mr. Austin said: "It took 15 minutes to see President McKinley, 45 minutes to see the Director of the Census, and it took 3 months to see the head of my division. In those days it was almost impossible for the average clerk to have an interview with his superior. Mr. Murray's idea of humanizing the service had a great effect upon us in the Census office who have worked with him and, today, in the Census Bureau we do not work for anybody, we all work together."

Dr. W. A. Taylor, Mr. Fessenden, Dr. Jones and Mr. Callander expressed deep regret at Mr. Murray's leaving and testified to the cordial relationships which have existed between them throughout the years.

At the conclusion of the program, Mr. Tenny called upon Mr. Murray to determine the percentage of probability of the arrest of the Assistant Secretary for parking his automobile for more than thirty minutes in the restricted business zone.

Mr. Murray very generously stated that the small measure of success which is his has come through the cooperation of those with whom he has worked. He told the anecdote of the elderly man who inquired of a small child, "Little girl, why does every one love you so?" To which the child innocently replied, "I do not know unless it is because I love everybody myself."

2. MR. ESTABROOK GIVES INTERESTING ACCOUNT OF TRIP.

In a long letter addressed to Mr. Murray and dated Buenos Aires, February 13, Leon M. Estabrook gives an interesting account of his trip to the Argentine. For the greater part of the trip there were brilliant sunshine, blue skies, gently rolling seas, balmy air, cool breezes, and wonderful cloud effects at sunrise and sunset. Only one school of porpoises was seen, but myriads of diminutive flying fish followed the ship. The Island of Barbadoes was the first land sighted and six days later, on January 17, the ship steamed into the magnificent harbor of Rio de Janeiro. During the five days spent at the dream city, which Mr. Estabrook describes as lying between the mountains and the beach which sweeps around the bay in a huge crescent, he visited the Brazilian International Centennial Exposition, which he says was disappointing in many respects and not a financial success. He believes our exhibits would be vastly more effective if they were not so badly crowded.

After stops at Santos and Montevideo, the ship entered the Rio de La Plata, which Mr. Estabrook states is rightly named the River of Silver. On January 23, the steamer docked at Buenos Aires. This city of nearly two million inhabitants, Mr. Estabrook writes, has a great financial and shopping district, and more street cars, taxis and policemen to the square mile than any other place he has visited. The streets while narrow are scrupulously clean, and a fine system of waterworks, a long and busy waterfront and many fine parks help to make the capital of Argentina the attractive city it is.

Argentina has no civil service law, hence appointments, promotions and retentions in the federal service are matters of personal favor. Mr. Estabrook writes "Official hours are from 12 noon (when observed) to 6 p.m., except Saturdays, from 9 a.m. to 12 noon, with the afternoon off. Every afternoon at 4, tea and crackers are served to the employes by the 'mayordomo,' the functionary who cleans the rooms and looks after the comfort of the employes. The expense of the mayordomo and refreshments are paid from public funds." However, Mr. Estabrook assures us he keeps no such hours. Eight a.m. to 10 or 11 p.m. is his daily schedule. In closing, he sends best regards to all of his friends in the bureau.

3. CLASSIFICATION ACT.

Requests for The Classification Act of 1923 have been received by officials of the bureau, and the suggestion has been made that the law be

mimeographed and issued as a supplement to The B.A.E. News. However, the editor of The Official Record advises that the law will be printed in full in an early issue of that periodical, so in order to avoid duplication, The B.A.E. News will not carry the Act. Requests for extra copies of The Official Record should be sent to Miss Rhodes, Division of Information of this bureau.

4. GRAIN DIVISION HANDLED MANY APPEALS.

Thirty-five thousand four hundred and eighty-seven appeals from grades assigned by grain inspectors licensed under the United States grain standards Act were made during the last calendar year. Of this number, 22,242 inspections were sustained. Of the total appeals, 29,275 were for wheat, 4,649 for corn, and 1,563 for oats. The largest number handled by any one office was 7,563 at Kansas City. This work brought \$52,657.04 into the Federal treasury. There was also turned into the Treasury during this same period the sum of \$7,030.31 from sales by field stations of the residue of grain samples accumulated in connection with official work.

5. MR. MURRAY RECEIVES TOKEN OF ESTEEM.

Much to the dismay (?) of the employes of the Division of Crop and Live Stock Estimates, Mr. Tenny, Mr. Marquis and others who had assembled last Saturday in F. J. Blair's office to bid au revoir to Mr. Murray, Mr. Gage dropped Mr. Murray's watch which he had borrowed to time his farewell message. After picking up the well-worn and now somewhat battered time-piece, Mr. Gage lost no time in presenting to Mr. Murray on behalf of his division a beautifully chased Hamilton watch, bearing his monogram on the back, and on the inner case the following inscription: "To Nat C. Murray, with the love and esteem of the Division of Crop and Live Stock Estimates, U. S. D. A., 1904-1923." Mr. Murray was not only surprised but very much affected. In fact, it was with great effort he said "I wish I could say something, but I can't." After the presentation, personal good-byes followed. Mr. Marquis expressed the hope that Mr. Murray would continue to keep a supply of smokes to be passed out to visitors, and a bean pot to receive the ashes. Mr. Murray left last Sunday for Chicago to take up his new duties.

6. MALE SEXTET BOWS TO GIRL BOWLERS.

The duckpin match carded for last Thursday afternoon between the sextet of girls and a like number of male bowlers, all of the Division of Live Stock, Meats and Wool, proved to be more of a contest than the men anticipated. With the 150-pin handicap given the girls in each game, they won the three games by margins of 63, 23 and 31 pins. The total scores were 522, 526, and 549 for the ladies, against 459, 503, and 513 for the male contingent.

M. Agnes Kelly, Edna M. Jordan, Anna P. Noel, M. C. Tippet, Edna Heifner and H. D. Lantz represented the ladies and R. D. Conklin, W. C. Davis, C. E. Gibbons, S. B. Eving, L. B. Burk and James Adams made up the opposing team. Miss Jordan and Jimmy Adams were the star performers, the

former scoring 101 for the first game, thereby proving her determination to get those pins if she had to roll herself down the alley to knock them. Jimmy got a nifty game of 103, which caused a "jealous" opponent to say he must have been born in an alley, which is apropos of nothing. At any rate, the ladies said they enjoyed the candy generously supplied by the losers.

Another contest will be held in the near future, but the handicap will be materially lessened.

7. BUREAU EXHIBITS SHOWN AT D. C. PUBLIC SCHOOLS.

Exhibits of the bureau lent to District of Columbia public schools during the last week included the wool exhibit shown at the H. D. Cooke school and a cotton display at the Madison school.

G. T. Willingmyre, Specialist in Marketing Wool, addressed the students of the Nature Study class at the Cooke school on the production, handling and uses of wool. After the students have had an opportunity to study the exhibits more in detail, Mr. Willingmyre plans to return to answer any questions which have arisen in the minds of the children.

At the Madison, G. S. Meloy, Investigator in Cotton Marketing, spoke to the pupils of the fourth to eight grades inclusive, telling the story of cotton from planting to manufacturing. He told the children how the plant blooms, illustrated the method of picking, ginning, delinting and crushing the seed and the manufacture of cottonseed meal. Spinning and weaving were also discussed and by means of simple illustrations, Mr. Meloy explained other manufacturing processes.

From the attentive interest shown in this work by both teachers and students, our specialists report that it is evident that further educational work of this kind is needed and should be developed as far as practicable.

8. PHOTOGRAPHIC LABORATORY MAKES REQUEST.

Stems are needed to finish wax models of apples, so H. C. Wilcox requests that they be saved and sent to the photographic laboratory. Mr. Wilcox says "the longer, the better," but adds that any kind will be appreciated. From the returns, it may be possible to tell who believes in the maxim, "An apple a day keeps the doctor away."

9. DO YOU WANT ANOTHER BUREAU PARTY?

Many inquiries regarding the holding of another bureau party have resulted in the Chief's naming W. A. Wheeler as chairman of a committee to be selected later to arrange for a bureau party. No one can deny the success of last year's fete. Today a questionnaire is going to every division leader asking whether members of the bureau desire a party and if so what kind of an affair. Shall we dance, eat, sing, act, play cards, or do something else? Think about the matter and freely express your opinion when your division leader asks for your suggestions.

10. CHANGE IN ADDRESS OF FEDERAL REAL ESTATE BOARD.

The Federal Real Estate Board recently moved from its former location in Room 1022, Tempo Building No. 6, 1800 Virginia Ave., N.W., to Room 1113, Arlington Building. The latter address should be used for all communications sent to the board in the future.

11. MEMORANDUM TO THE FIELD.

With this issue of The B.A.E. News, Office of the Secretary Circular No. 112, regarding the expenditure of funds for the World's Dairy Congress, is being sent to field offices.

12. IN CONGRESS:

Legislation of particular interest to this bureau which was enacted by the session of Congress which closed March 4 includes the following Acts:

The Agricultural Credits Act of 1923 (S.4280), which combines the principal features of the Strong, Lenroot-Anderson, and Capper bills, provides increased credit facilities for agricultural and live stock industries through governmental agencies in connection with the Federal land banks and through the organization of private agencies under government supervision.

An Act to amend sections 2,5,11,12,15,19,29 and 30 of the United States Warehouse Act (S.3220).

Under the original warehouse Act the commodities were limited to cotton, wool, grain, tobacco, and flaxseed. This limitation is removed under the present law, the Secretary of Agriculture being permitted to license a warehouse for the storage of any agricultural product. The amendments enlarge the scope of offenses punishable under the Act and increase the severity of the penalties which may be imposed. Other changes are made in connection with the issuance of licenses, etc.

The "United States Cotton Standards Act" (H.R. 14302) making it unlawful to use any standards except the official cotton standards of the United States in interstate or foreign commerce; providing for the licensing of cotton classers; and authorizing the Department of Agriculture to classify cotton upon request and to collect fees in payment for such service.

An Act (S.2023) defining crop failure in the drought-stricken area and providing for the reimbursement of those whose crops failed but who had made payment of their loans from the government prior to May 31, 1921.

An Act (H.R. 8086) to prohibit the shipment of filled milk in interstate or foreign commerce.

An Act (H.R.3928) providing for the reclassification of federal employes in the District of Columbia, effective July 1, 1924, and making provision that the Classification Board shall make recommendation to the next Congress for the reclassification of field positions, to become effective simultaneously with reclassification in the District on July 1, 1924.

An Act (H.R. 12053) to define butter for the purposes of the food and drug Act and providing that butter shall contain not less than 80 per cent by weight of milk fat, all tolerances having been allowed for.

An Act (H.R. 14435) making appropriation for the payment of the \$240 bonus to Federal employees during the fiscal year 1924.

Third Deficiency Act (H.R. 14408). This carries \$25,000 to continue the work of collecting seed loans during the current year.

Among important bills which failed of passage are the following:

A bill to fix standards for hampers, round stave baskets and splint baskets for fruits and vegetables. The Vestal bill (H.R. 7102) passed the House of Representatives June 3, 1922. A bill (S.4399) for the same purpose, but differing in a number of respects, was reported from the Committee on Manufacturing in the Senate but failed to receive consideration on the floor.

A bill (H.R. 7103) to establish standards for wheat-mill and corn-mill products passed the House.

Senate Joint Res. 265, providing \$10,000,000 for the purchase and distribution of Nitrate of Soda and Calcium Arsenate passed the Senate but was lost in the House on a point of order.

A bill (S. 3757) authorizing the Department of Commerce to publish additional statistics relative to amount of cotton ginned, and the Department of Agriculture to publish additional estimates of unginned cotton passed the Senate but failed in the House.

The Truth in Fabric bill (S. 799) received consideration in the Senate but failed to pass.

A number of bills for the purpose of stabilizing farm prices were considered but all failed of passage. The Gooding bill (S. 4473) providing for a wheat stabilization corporation with a capital stock of \$300,000,000 was reported from the Committee on Agriculture and Forestry to the Senate and the Christopherson bill (H.R. 7735) was reported to the House from the Committee on Agriculture but neither was passed. S. 1915 by Mr. Norris to provide for the purchase of farm products and sale of same in foreign countries was also reported out of Committee. Bills of a similar nature were introduced by Senator Ladd and by Representatives Sinclair, Knutson and Little but these were not reported out of committee.

Bills to authorize the Secretary of Agriculture to establish uniform standards of classification, an inspection service, approved trading rules, a system of adjustment of disputes, etc., were introduced by Senator McNary and by Mr. Summers of Washington, but these were not reported out of committee.

A number of bills for the purpose of amending the Cotton Futures Act were introduced but none was passed.

A bill (S.3330) to authorize the registration of certain seed was introduced by Senator Capper and a number of other bills for the purpose of regulating the sale of seed were introduced but none was reported out of committee.

A bill to fix standards and grades for spring wheat was introduced by Mr. Steenerson and reported out of the Committee on Agriculture in the House but not passed.

An Act (S.4231) to appropriate \$500,000 for the purchase of seed grain in the drought-stricken area in eastern Washington passed the Senate but not the House.

A bill was introduced by Mr. Langley for the purchase and distribution of valuable seed but was not reported out of committee. This item was omitted from the Agricultural Appropriation Act for the first time this year.

Among important measures passed by the 67th Congress prior to the 4th Session of interest to the bureau may be mentioned the following:

The Capper-Volstead Act, authorizing the Association of Agricultural Producers.

The Future Trading Act providing for federal regulation of the grain future exchanges.

The Packers and Stock Yards Act 1921 providing for federal regulation of the packing and stock yards industries.

An Act to extend the powers of the War Finance Corporation for one year.

An Act providing for agricultural representation on the Federal Reserve Board.

An Act to extend the benefits of the War Finance Corporation to agriculture by furnishing credit for the exportation of agricultural products.

13. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending March 16 are the following:

Dawson H. & Co.,

Statistical review of the wool & wool textile trades, 1912-1921.
London, H. Dawson & Co. [1922]

Dickey, J. A.

...How farm tenants live... A social-economic survey in Chatham County, N. C. Chapel Hill, N. C. The University of North Carolina press [1922] (University of North Carolina, Extension bulletin [Vol. II, No.6])

Esthonia. Põllutööministerium.

Kogu statistilisi andmeid eestist. Tallin, Põllutööministeriumi statistika osakonna väljaanne, 1921.

Digest of statistical data on Esthonia.

Gt. Brit. Dept. of Overseas Trade.

... Report on commercial conditions in the Dominion of New Zealand, 1921/22. London, H. M. Stationery off., 1922.

Gt. Brit. Dept. of Overseas Trade.

... Report on financial, industrial and commercial conditions in Canada, revised to September 1922. London, H. M. Stationery off., 1922.

Gt. Brit. Dept. of Overseas Trade.

... Report on the commercial, industrial and financial situation in Japan, 1921 and up to June 30, 1922... London, H. M. Stationery off., 1922.

Gt. Brit. Dept. of Overseas Trade.

... Report on the economic and financial conditions in South Africa, 1921/22. London, H. M. Stationery off., 1922.

Gt. Brit. Dept. of Overseas Trade.

... Report on the industrial and economic situation in Greece to April, 1922. London, H. M. Stationery off., 1922.

Lehfeldt, R. A.

The national resources of South Africa... Johannesburg, Univ. of the Witwatersrand press; London, Longmans, Green & Co.; 1922.

Peake, Harold.

The English village, the origin and decay of its community... London, Benn Brothers, Limited, 1922.

Rice Millers' Association.

Statistics of the rice crop year, 1920/21. New Orleans, 1921.

Swift & Co.

Year book, covering the activities for the year 1922. Chicago, 1923.

Swift & Co. Commercial research dept.

Studies in live stock marketing. Chicago, 1921-22. 3 nos.

U. S. Dept. of Agriculture. Bureau of Agricultural Economics.

Report F. S.

No.27. Squire, E. C. Marketing American pork in England. 1922.

U. S. Congress. House. Committee on Agriculture.

Cotton standards. Hearings... Sixty-seventh Congress, fourth session. Feb. 5, 9, and 12, 1923. Series JJ.

U. S. Congress. House. Committee on Banking and Currency.

War Finance Corporation. Hearings... on bills H. R. 11517 and S. 2775... Washington, 1922.

U. S. Congress. Senate. Committee on Appropriations.

Departments of State and Justice appropriation bill, 1924. Hearings... on H. R. 13232... Washington, 1922.

BUREAU BREVITIES.

14. TAXES ON FARM LANDS have more than doubled during the past eight years, a recent survey by this bureau shows. In 1922, the average tax per acre for the entire United States was 71 cents, compared with 31 cents in 1914. The increase is attributed in part to larger assessments due to higher farm land values, increased State and Federal activities, and increases in the number and salaries of public employes.

15. THE TARIFF COMMISSION, its duties and problems, as well as the tariff on such agricultural commodities as corn, wheat, rice, dairy products, almonds and wool, was discussed by Louis B. Zapoleon, of the Tariff Commission, at the meeting of the American Farm Economic Local last Wednesday afternoon.

16. "SOME REASONS FOR INSPECTION" is the inscription of a large display board, size 4 by 7 feet, hung in F. G. Robb's office. A very attractive display of a dozen photographs, in natural colors, have been placed on the board. These photographs show diseased specimens of fruits and vegetables in various stages of decay.

17. EXCELLENT PHOTOGRAPHS of operations in a peanut butter and salting factory in Chicago have been secured by W. J. Bertush, of the Chicago office of the Fruit and Vegetable Division. These photographs will be used to illustrate the proposed bulletin on peanut marketing.

18. KING TUT'S INFLUENCE is shown in the photographic display in the case on the seventh floor of the Bieber Building. Cotton Cultivation and Handling in Egypt is illustrated by a number of interesting photographs.

19. THE AGRICULTURAL SITUATION IN BULGARIA by Louis G. Michael, Consulting Specialist, appears in the Corn Trade News, Liverpool, February 22.

20. CEREAL PRODUCTION IN JUGO-SLAVIA is discussed by Louis G. Michael in the special American edition of the Corn Trade News of February 20.

21. "FEEDING NEW YORK A BIG JOB WHICH KEEPS MOST OF FARMERS BUSY" is the title of a special article by Frank George published in The New York Times of Sunday, March 11.

22. THE PACIFIC COAST ELEVATOR CO., formerly Pacific Coast Elevator Company, which has been incorporated under the laws of Oregon, has applied for new licenses under the warehouse Act covering all warehouses heretofore licensed by the old company.

23. IN THE BOWLING LEAGUE--Farm Management took all three games from the Secretary's Office while Agricultural Economics lost two games to Soils last Wednesday.

PERSONALS.

Dr. H. C. Taylor, who has been in Madison, Wis., for the past week, on account of the death of a personal friend, Mrs. Richard T. Ely, is expected to return to his office tomorrow.

W. A. Sherman will address the National Prison Association at its banquet next Thursday night at The Raleigh Hotel, Washington. This association is interested in bringing about better conditions and better management of penal institutions. Mr. Sherman will speak on the standardization and inspection of fruits and vegetables, addressing particularly that group charged with the management of prison farms and who are interested in disposing of their farm products to other State institutions, such as insane asylums, homes for the aged, etc.

Thursday night, Mr. Sherman will leave for New York City, where he will speak on marketing before the graduate class of Columbia University. He will then proceed to Maine to take part in Farmers Week to be held at the Agricultural College, Orono, March 27-30. He will speak before the marketing conference to be held March 28.

Dr. C. J. Galpin gave an illustrated lecture on community buildings before the students of the National Catholic Service School, Washington, March 13.

H. M. Dixon is visiting the States of Iowa, Indiana, Illinois, Kentucky and Ohio to confer with extension directors and the farm management extension leaders regarding extension work. He will attend farmers' meetings while in those States.

H. W. Samson is in Martinsburg, W. Va., attending the meeting of representatives of horticultural societies of Virginia, West Virginia, Maryland and Pennsylvania, and will confer with them regarding the standardization of fruits and vegetables. F. Earl Parsons, Specialist in Standardization and Inspection, of the Virginia Division of Markets, visited the bureau Saturday and left with Mr. Samson for Martinsburg.

Forbes E. Bailey has been appointed Assistant Marketing Specialist (Fruits and Vegetables), effective March 10. Prior to this appointment,

Mr. Bailey was cooperatively employed by this bureau and the State of Washington as District Horticultural Inspector for the second district of Washington. It is expected he will go to Chicago at an early date to assist in inspection work at that market.

W. D. Googe, market reporter at Fort Worth, and Miss Hertha A. Bernstein, of Maywood, Va., were married March 12, and have ^{now} reached Mr. Googe's headquarters at Fort Worth.

C. W. Fryhofer, Supervising Inspector of Dairy Products stationed at New York City, was recently in Washington for a few days conferring with officials on matters relating to the butter inspection service, and the proposed cheese grades.

Miss Louise C. Rayland, who has been ill with La grippe for the past two weeks, returned to her desk March 9.

Delos L. James, Assistant in Marketing Dairy Products, attended a meeting of the Virginia Poultry Producers' Cooperative Association at Richmond, March 8. He conferred with poultry producers relative to a cooperative poultry and egg marketing plan for Virginia, gave information to those present relative to the operation of a plan, and submitted for the consideration of the State Department of Markets, the State Director of Extension and others interested, a project outlining further activities which may be undertaken by the association.

Carl C. Green, of the Portland, Oreg., office of the Warehouse Division, is in Washington, conferring with Messrs. Yohe and Holman, regarding warehousing matters.

W. L. Evans, of the Domestic Wool Section, is expected to return from Chicago today. He has been assisting with the auditing of accounts of Chicago wool dealers since last Thursday.

Frank Andrews, of the Denver office of the Division of Crop and Live Stock Estimates, addressed the U. S. D. A. Club of Denver, March 12. He spoke on the crop and live stock estimating service.

Mrs. Olga Rosett, Clerk in the Division of Agricultural Cooperation, has resigned effective March 3.

C. H. Johnson, Food Products Inspector, has resumed his duties at Chicago, after a six week's absence on account of the serious illness of his wife.

H. S. Yohe, in charge of the Warehouse Division, has been absent since Friday on account of the illness of his little girl, who is in Children's hospital suffering with pneumonia.

A. V. Swarthout, in charge of the Cost of Marketing Division, returned last Friday from Boston and New York. At Boston, Mr. Swarthout ob-

tained some cost data and at New York City, he, in cooperation with the Port of New York Authority, studied the present system of receiving produce at the metropolis with a view to offering suggestions for facilitating its handling.

B. B. Smith, of the Cost of Marketing Division, returned this morning from Tallulah, La., where with Mr. Tolley and Bureau of Entomology officials plans have been made for a statistical study of boll weevil damage.

R. M. Roudabush, of the Cost of Marketing Division, returned from New York last Saturday. He had been installing accounting systems for retail meat dealers. Last night he left for Pittsburgh to open up the work there.

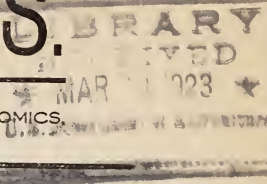
Donald Jackson, who has been appointed Consulting Assistant in the Division of Statistical and Historical Research, reported for duty March 19. He will make special studies in agricultural history.

Miss Marie A. Breslin has been appointed as Clerk (Typewriter) for duty in the Clerical Pool.

Miss Lillian A. Sacks, of the Clerical Pool, has resigned in order to accept a position in the Treasury Department.

THE B. A. E. NEWS.

ISSUED WEEKLY FOR THE STAFF OF THE BUREAU OF AGRICULTURAL ECONOMICS,
UNITED STATES DEPARTMENT OF AGRICULTURE, WASHINGTON, D. C.



March 27, 1923.

Vol. 8, No. 13.

1. W. A. WHEELER PARTICIPATES IN SECOND NATIONAL RADIO CONFERENCE.

W. A. Wheeler represented this department at the second national radio conference called by the Secretary of Commerce and held in Washington last week. He reports that complete harmony reigned throughout the sessions which were attended by Government officials and radio experts. From the point of view of this bureau the controlling of radio broadcast traffic was the most important topic considered. Because of the absence of desirable legislative authority recommended by the first national radio conference, a resolution was unanimously adopted pledging support to the Secretary of Commerce in the controlling of radio. Reallocations of wave lengths and the classification of broadcasting stations were among other accomplishments of the second conference. No two of fifty proposed Class A high powered broadcasting stations will be assigned the same wave length.

The first radio conference held about a year ago, recommended that appropriate legislation giving the Secretary of Commerce sufficient authority to control radio, allocate wave lengths, issue licenses, etc., be passed by Congress. A bill providing for such authority was passed by the House but failed of passage in the Senate, thus leaving the Department of Commerce without authority except that given in the Act of 1912.

2. BUREAU ASSISTING CALIFORNIA LAMB PRODUCERS.

Because of drouth conditions in the San Joaquin Valley in California, considerable apprehension is felt among sheep men in that area regarding the marketing of the lamb crop. If rain, so necessary for relief, does not fall very soon it will be necessary to market the spring lamb crop in an unfinished condition.

The Live Stock, Meats and Wool Division, having been advised of the situation, is endeavoring to assist the sheep producers by finding other outlets for their lambs. Through representatives at various branch offices, the division is ascertaining the demand for lambs for feeding purposes and advising the producers of such outlets as are available.

Southern California usually furnishes the first spring lambs coming direct from the range and the first shipments are timed to arrive for the Easter market. The entire crop is usually moved within 30 days. These lambs are marketed at San Francisco, Los Angeles, Omaha and Chicago. A few are shipped to Kansas City. About 6000 head were loaded on March 15 and consigned to Chicago.

No rain has fallen in the valley since early February and high winds have dried up the range. If conditions do not improve soon many of the lambs will prove to be undesirable for slaughter purposes, it is pointed out.

3. AUCTION STUDIES DEVELOP INTERESTING DATA.

Fruit and vegetable auctions is the subject of a comprehensive report on investigations recently completed by A. D. Miller, who resigned from the bureau February 15. The report is now on file in the Fruit and Vegetable Division. The auction form of marketing, combining as it does, publicity, competitive bidding, an assembly of buyers, concentration of commodities, expert salesmen and a minimum of expense, is becoming more popular, according to the report, which states that gross sales amounting to \$42,000,000 in 1912 increased to \$148,000,000 in 1921.

In New York City, Philadelphia, Boston, Chicago, Pittsburgh, St. Louis, Cleveland, Newark, Baltimore, Cincinnati, Detroit, Minneapolis, St. Paul and New Orleans sales are held daily or thrice-weekly and oranges, grapefruit, lemons, apples, apricots, bananas, cherries, coconuts, figs, onions, peaches, pears, pineapples, plums, prunes, cantaloupes, watermelons, cucumbers, garlic, lettuce, celery, and tomatoes, are sold in season.

The study points out that before a commodity can be handled successfully by the auction method, it must first attain the characteristics of an auction commodity. These characteristics are listed as (1) a reasonably constant supply in season; (2) well-graded, well-packed goods in uniform packages; (3) carlot shipments, except early express shipments or lots out of cold storage; and (4) a sufficient quantity to permit of the service at minimum expense.

A classification of the auction companies indicates two general groups of organization. The first group comprises companies independent of trade control of which there are eight in this country, while the second group is made up of organizations controlled by members of the fruit and vegetable trade, of which there are thirteen.

Not everyone using the auction method has been satisfied with results, but the continual growth in the volume of goods sold at auction indicates a fundamental soundness in this method which is attracting the attention of shippers and dealers everywhere, Mr. Miller states.

The development of fruit and vegetable auctions is discussed in the March 24 issue of Weather Crops and Markets.

4. HAY INSPECTION COURSE COMPLETED.

Fifteen men, including the agronomy professor from Syracuse University and a member of the extension staff from Cornell, completed the hay inspection course recently given by K. B. Seeds, H. B. McClure, W. M. King, and S. N. Swarthout at Auburn, N.Y. Mr. Seeds reports that the school was a decided success. A number of producers and dealers who could not arrange to spend the two weeks required for complete training, visited the school for one or two days to learn what they could in that time.

5. STUDENTS INTERESTED IN SOCIAL PHASES OF FARM LIFE VISIT BUREAU.

A group of students of the Y. M. C. A. College, Springfield, Mass., under the direction of Prof. W. J. Campbell, visited the Division of Farm Population and Rural Life last Friday, to learn more about the social

phases of rural community leadership. Dr. C. J. Galpin explained the work of his division and arranged for a number of other interesting talks by officers of this bureau and the States Relations Service. The group was then introduced to the Secretary by Dr. Galpin and escorted to the Motion Picture Laboratory where several departmental films were shown.

Dr. Galpin was host at the buffet luncheon served to the students by the ladies of his division.

6. R. P. TEELE REPORTS ON LAND SETTLEMENT.

The securing of funds for land reclamation and settlement, particularly with reference to California conditions, was the principal subject under discussion at the land settlement conference held at the University of California, February 5-9, according to R. P. Teele of the Division of Land Economics who returned to Washington last Thursday from a trip to California and the Northwestern States.

Mr. Teele reports that the state of California now certifies irrigation, drainage, and reclamation district bonds as legal investments for public and trust funds, and the one definite proposal brought before the conference was legislation providing for the creation of colonization districts which should be authorized to issue bonds based on the land within the districts for the purpose of obtaining funds to carry on land settlement projects similar to those operated by the State. Owners of large tracts that are on the market proposed State certification of land as a means of overcoming the adverse advertising of California land due to prosecutions of parties accused of fraud and misrepresentation in the sale of land in that State. The conference made no recommendation on any subject. The general land situation in California, as brought out in the discussion, Mr. Teele states, is: Irrigation districts, organized within the last few years, whose bonds have been certified by the State, contain very large areas that have not been put into cultivation and, consequently, are not producing sufficiently to pay district taxes; other land reclamation has run ahead of settlement, even on the latest State project. This leaves large unproductive investments, which threaten disaster to reclamation enterprises.

Mr. Teele visited Oregon, Washington, Idaho, Utah, Wyoming, Colorado, and Nebraska, studying the situation with reference to land reclamation and settlement. In Oregon and Washington the situation is much the same as in California. In the other States visited there has been little activity in land reclamation for several years.

7. CERTAIN COOPERATIVE WORK TO BE DISCONTINUED.

Lack of sufficient funds is given as the reason for the State of Missouri withdrawing its cooperative arrangement with this bureau for the conduct of a market news service on live stock and meats at St. Joseph, Mo. After April 1, this bureau will conduct a limited service at St. Joseph. H. D. Williams, who has been jointly employed by the State and this bureau, will proceed next Sunday to Chicago to assist in the marketing reporting service at that point. I. W. Few, a telegrapher, and possibly one clerk will maintain the bureau's contacts.

The market news services conducted in cooperation with the State Department of Agriculture at Lincoln, Nebr., will be discontinued effective May 1. Because of reorganization in State work, the cooperative agreement with this bureau will be abrogated on the date mentioned.

8. HAVE YOU HEARD

any comments regarding the changes made in Weather, Crops and Markets? If so, please pass them on to J. Clyde Marquis, Director of Information. Simultaneous with the change in form, a new feature, a review of the markets, has been added and appears on the first page of each issue. Tables have been enlarged to include more comparative data, and more new material will be printed from time to time. The reaction of the trade and agricultural interests is especially desired, so field men particularly are called upon to keep eyes and ears open and report any criticism, favorable or adverse, which may come to their notice regarding the recent changes in style and make-up of Weather, Crops and Markets.

9. "WHAT'S WORTH DOING CAN BE DONE."

Apropos of the bureau's slogan, the following verse is quoted from the Extension Messenger of the University of Illinois:

"The man who misses all the fun
Is he who says, 'It can't be done!'
In solemn pride he stands aloof
And greets each venture with reproof.
We'd have no steam or trolley cars,
No streets lit by electric stars;
No telegraph or telephone.
We'd linger in the age of stone,
The world would sleep if things were run
By men who say, 'It can't be done!' ---"

10. HAY MARKETING PROBLEMS CONSIDERED.

About sixty producers and dealers from all parts of Central New York attended the public meeting held at Auburn, March 16, to consider hay marketing problems. The Federal hay grades were explained and demonstrated by H. B. McClure, the inspection service was described by K. B. Seeds and hay production problems were discussed by Prof. J. H. Barron, of Cornell University. Messrs. Seeds and McClure were in Auburn in connection with the hay grading training given prospective inspectors. Short talks were also made by H. D. Phillips, and Mr. Crouch of the New York Department of Farms and Markets, Prof. H. B. Hartwig of Syracuse University and Prof. L. A. Dalton of Cornell.

11. AT THE BUREAU COUNCIL.

Dr. Taylor expressed regret upon learning of the death Sunday of Col. F.N. Gray, Cotton Statistician, stationed at Houston, Texas, whom he met at the Atlanta conference of statisticians and for whom he had very high regard.

H. R. Tolley, who with B.B. Smith and E.R. Pettet recently spent a week at the boll weevil experiment station of the Bureau of Entomology at Tallulah, La., going over statistics collected there during several years, told of the proposed study to forecast weevil damage by the application of statistics.

W. A. Wheeler reported on the second national radio conference which is covered in a separate item.

J. Clyde Marquis spoke on the changes gradually being made in Weather, Crops and Markets, and urged division correspondents to endeavor to make the material as interesting as possible in view of the fact that some time elapses before it reaches the readers. He asked for suggestions and criticisms on the style and presentation of the material.

G. C. Haas, in charge, explained the work of the drafting section and what it is seeking to accomplish in the way of standardization. Drafting technique and the type of lettering are being standardized and the structure of graphs upon certain uniform scientific principles is being followed. Graphic material for our bulletins, for Weather, Crops and Markets and for the yearbooks of the department are prepared under the direction of Mr. Haas.

O. E. Baker outlined the status of the 1923 yearbook, and H. C. McClure, who has just returned from Auburn, N. Y., reported on the hay inspection school just held. C. W. Kitchen, who with J. F. Barghausen recently visited New York, Newark, Pittsburgh, Cleveland and Toledo to investigate improvements in modern markets and stands, told briefly of their trip. Mr. Kitchen said that the five-million dollar municipal market to be erected at Newark will be the last word in improved market construction.

12. HAVE YOU AN EXTRA BRIEF CASE?

Brief case No. 80, charged to the Grain Division can not be located. It is requested that those who have borrowed brief cases examine them to ascertain whether the number is 80. If so, the borrower is asked to return it to room 400, Bieber Building.

13. MEMORANDUMS TO THE FIELD.

Office of the Secretary Circular No. 113, relating to duties and assignments of unskilled laborers; and

Office of the Secretary Memorandum No. 426, amending the fiscal regulations regarding fees to stewards.

OFFICIAL ITEMS.

14. TREASURER OUTLINES PROCEDURE RE STOPPAGE OF PAYMENT ON GOVERNMENT CHECKS.

In connection with stoppage of payment on Disbursing Officers' checks, the following is quoted from a letter received from the Treasurer of the United States:

"When the drawer of a check on the Treasurer of the United States wishes to stop payment thereof, he should forward to

this office a full description of the check and give a specific reason for the stoppage. If loss or non-receipt of the check is alleged, it is important that the request be accompanied by the correspondence relating to the matter. If there is no correspondence, a short statement of the facts, bearing the signature of the payee, should be furnished if possible. This will enable this office to have on file for comparison a specimen of the payee's signature for determination of possible forgery, if the check should be presented for payment.

"If the check was received by the payee and subsequently lost, he must say whether he indorsed the check.

"When the check so stopped is subsequently recovered, prompt notice must be given this office, as no payment will be made until the original stoppage is formally withdrawn."

In order that P. H. Quinn, in charge of the Section of Audits and Accounts, may comply with the Treasurer's request, all correspondence or a statement signed by the payee setting forth the facts regarding lost or stolen checks should be forwarded to Mr. Quinn.

15. UTMOST CARE SHOULD BE EXERCISED IN HANDLING CONFIDENTIAL DATA.

"Every worker in the Department of Agriculture has the good name of the department in his keeping" says Secretary Wallace. Included in this good name is the reputation of keeping confidences which the department has earned throughout the year.

In order to maintain our high standard, members of the staff, especially those in field offices who cannot consult freely with officers in charge, are urged to exercise caution in handling confidential information in correspondence. Information which may have a bearing upon the value of a manufactured product, the financial situation of a firm, the extent of a particular firm's operation, etc., should not be given out without the knowledge and approval of the Washington office. A recent instance of where a letter from one member of the field force to another semi-official representative was released for publication before the addressee had an opportunity to reply to certain unfavorable charges made against his work, brings before the administrative officials the necessity of adhering strictly to a "safety first" policy. If there is any question in your mind as to whether or not the information to be released is confidential, take no chances, but consult your division leader.

16. ARTICLES BY DEPARTMENT WORKERS IN OUTSIDE MAGAZINES.

Collier, G. A. (Agricultural Economics): Federal Hay Grades Aid Marketing. Orange Judd Farmer, March 15, 1923.

Estabrook, Leon M. (Agricultural Economics): Use of Crop Reports by Farmers. Journal of Farm Economics, January 1923.

Kitchen, C. W. and Sherman, Caroline B. (Agricultural Economics): A Public Market that Performs a Public Service. American Food Journal, March 1923.

- Shollenberger, J. H. (Agricultural Economics): Determines Humidity Basis. Southwestern Miller, March 13, 1923.
- Shollenberger, J. H. (Agricultural Economics): Influence of Relative Humidity on Flour Milling Results. Millers Review, March 1923.
- Spillman, W. J. (Agricultural Economics): Application of the Law of Diminishing Returns to Some Fertilizer and Feed Data. Journal of Farm Economics, January 1923.
- Valgren, V. N. (Agricultural Economics): War and Post War Rural Credit Measures in the United States. International Review of Agricultural Economics, Year 13, No. 11. Nov. 1922.

17. IN THE LIBRARY:

Among the accessions to the Bureau Library for the week ending March 23 are:

Anderson, B. M.

Social value; a study in economic theory, critical and constructive... Boston and New York, Houghton Mifflin Company [1911]

Boggs, T. H.

The international trade balance in theory and practice... New York, The Macmillan Company, 1922.

Canada. Dept. of Labour.

Wages and hours of labour in Canada, 1921 and 1922. Ottawa, 1922. (Wages and hours of labour. Report No. 4)

Foreign commerce handbook, 1922-1923.

[Washington] Foreign Commerce Dept., Chamber of Commerce of the United States [1922]

Fox, H.

A philosophic view of the land question... London, The Kingsley Press, Ltd., 1921.

Friedman, E. M.

International finance and its reorganization... New York, E. P. Dutton & Company [1922]

Gibson, G. R.

The stock exchanges of London, Paris, and New York, a comparison... New York, G. P. Putnam's Sons, 1889.

Grange, Herbert.

Wheat costings, 1914 and 1919-1922, showing the cost of wheat production in each year and a method of ascertaining the cost of corn-growing in any year... London, P. S. King & Son, Ltd., 1922.

Knight, F. H.

Risk, uncertainty and profit. Boston and New York, Houghton Mifflin Company, 1921.

The People's year book and annual of the English & Scottish wholesale societies, 1923, v.6: Manchester, 1923.

Rand McNally bankers directory and the bankers register with list of attorneys... The bankers blue book, 94th ed. January 1923, 51st year. Chicago, New York, Rand McNally & Company, 1923.

Taylor, H. C.

How can the farmer improve his situation?

(In the Country Gentleman, March 17, 1923, p.17, 24)

U. S. Congress. House. Committee on Banking and Currency.

Rural credits. Hearings... on S. 4063 (H. R. 13033)... Statements of Mr. Fred H. Bixby, Mr. J. Sheehan, Mr. William Pollman, Mr. Eugene Meyer. Washington, Govt. Print. Off., 1922.

U. S. Congress. House. Committee on the Census.

Statistics concerning cotton ginned. Hearings... Sixty-seventh Congress, fourth session. Wednesday, February 14, 1923; Thursday, February 15, 1923.

U. S. Federal Trade Commission.

Preliminary report...on the cotton trade. February 26, 1923. Washington, 1923.

BUREAU BREVITIES.

18. APPROXIMATELY \$118 was returned to the Emergency Fleet Corporation when an employe of this bureau found that cow beef was being delivered for steer beef to the fleet at Norfolk, Va. When the contractor's attention was called to the matter, he made the necessary adjustment.

19. PHOTOGRAPHS have recently been taken by A. A. Ruark, of the Photographic Laboratory at establishments in Washington and Baltimore where peanuts were being roasted or made into candy or other products. Some of the pictures will be used in the proposed bulletin on peanut marketing.

20. C. T. MORE, who after six years of service in the former Bureau of Markets resigned in December, 1919, to become associated with the American Fruit Growers Inc., has engaged in the brokerage business at 720 North Fourth St., St. Louis, Mo., according to an announcement received from Mr. More. It is understood he will specialize in apples, lettuce, potatoes, oranges, celery, cabbage, grapefruit, cauliflower and onions and will personally attend to the sales department of his organization.

21. W. F. ALLEWELT, Director of the Division of Marketing, Fort Collins, Colo., formerly of the Fruit and Vegetable Division of this bureau, was in Washington last week and conferred with members of the bureau regarding shipping point inspection and the extension of the market news services.

22. FOUR MODERN SANITARY BAKERY STANDS are to be erected in Center Market in accordance with plans just completed by C. W. Kitchen and J. F. Barghausen. It is said these models will incorporate the latest and best ideas for bakery stands.

23. COST OF HORSE POWER ON CORN-BELT FARMS and ways of reducing these costs form the subject of Farmers' Bulletin No. 1293 by M. R. Cooper and J. O. Williams of the Farm Power Committee, of which Dr. Taylor is chairman. This completes the series of Tractor publications.

24. FARM OCCUPANCY, OWNERSHIP AND TENANCY, 1922, is the title of a preliminary report prepared by Dr. Charles L. Stewart, and released last week.

25. G. P. WARBER, SPECIALIST IN ECONOMICS AND MARKETING, of the Virginia Polytechnic Institute at Blacksburg, visited the bureau last Saturday to familiarize himself with our publications and to obtain information which may be incorporated in the course on marketing he is giving at the Virginia institution.

26. GEORGE A. STUART, Grain Standardization Specialist, of the Pennsylvania State Bureau of Markets, spent several days in Washington last week familiarizing himself with the United States grades for hay.

PERSONALS.

Col. Flavillus Nathaniel Gray, Texas Cotton Statistician of this bureau, stationed at Houston, died suddenly March 25 while on his way to greet Secretary Wallace, then in Houston. Colonel Gray who was born November 22, 1855, was widely known in Texas and Louisiana. He was for many years the manager of a large sugar and cotton plantation in Louisiana and was subsequently engaged in the growing of rice and other products in Texas. For many years he published a rice journal devoted to the interest of the producers and the trade. In 1905 he was specially selected by Secretary of Agriculture, James Wilson, to serve as Field Agent of the old Bureau of Statistics. In recent years he has devoted himself entirely to preparing estimates of the cotton crop of Texas. His accuracy in forecasting the cotton crop of the State was remarkable.

R. H. Elsworth, Specialist in Market Extension, Division of Agricultural Cooperation, will leave Washington, April 2, for Raleigh, N. C., Atlanta, Ga., Jacksonville, Gainesville, Tampa, and Orlando, Fla., for the purpose of conferring with the managers and other officials of cooperative associations, particularly of the tobacco, cotton, citrus fruits, and peach growers' associations in the States named.

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Sincere sympathy is extended to Mr. and Mrs. Yohe in the loss of their little daughter and only child, who died of pneumonia at Children's hospital last Thursday. Interment took place last Saturday at Johnstown, Pa., the home of Mrs. Yohe.

John H. Cox, of the Grain Division, will leave Washington early next week for Pittsburgh, Columbus, Indianapolis, Louisville, Memphis, St. Louis, Chicago, Omaha, Minneapolis, Milwaukee and Buffalo to confer with officials of the Grain Division, grain inspectors, members of the trade and others regarding problems concerning standards for barley and oats.

G. W. Kitchen and J. F. Barghausen, who have returned from their recent trip, obtained valuable data on modern markets and stalls. They were especially interested in the \$5,000,000 market to be erected at Newark, N. J.

W. L. Evans and H. V. DeMott, of the Domestic Wool Section, returned from Chicago last Saturday morning. Mr. Evans reviewed the audit of the 1918 records of a large wool dealer with a view to effecting a settlement of the Government's claim for excess profits. Mr. DeMott spent two weeks in Chicago rechecking the audit of the 1918 records of the dealer.

Louis H. Bean was appointed Junior Agricultural Economist in Dr. Stine's division, effective March 1.

Miss Emily L. Day, of the Division of Information, will be transferred to the Bureau Library, effective next Monday, to become general assistant to Miss Lacy. Miss Day is planning to spend a few days' leave at Natural Bridge and Luray Caverns, Va. before taking up her new duties.

C. W. Chambers discussed the Valuation of Farm Land at the meeting of the Land Economics Round Table, March 20. G. C. Haas gave a formula for land appraisal based on numerous factors. His deductions were drawn from a study made in Blue Earth County, Minn. At the next meeting, E. O. Wooten will discuss the influence of land tenure on the utilization of land in the Plains Region of Montana.

R. H. Black, of the Minneapolis Office of the Grain Division, recently gave several lectures on grain cleaning work before the students of the North Dakota Agricultural College.

Miss Katharine G. Rice, of the Division of Information, left Washington today for her home in Philo, Ill., where she will take a necessary rest.

Mrs. Matilda Mandue, one of the charwomen, was burned about the head last week when an alcohol stove on which she was making coffee exploded. She was treated at Emergency Hospital.

