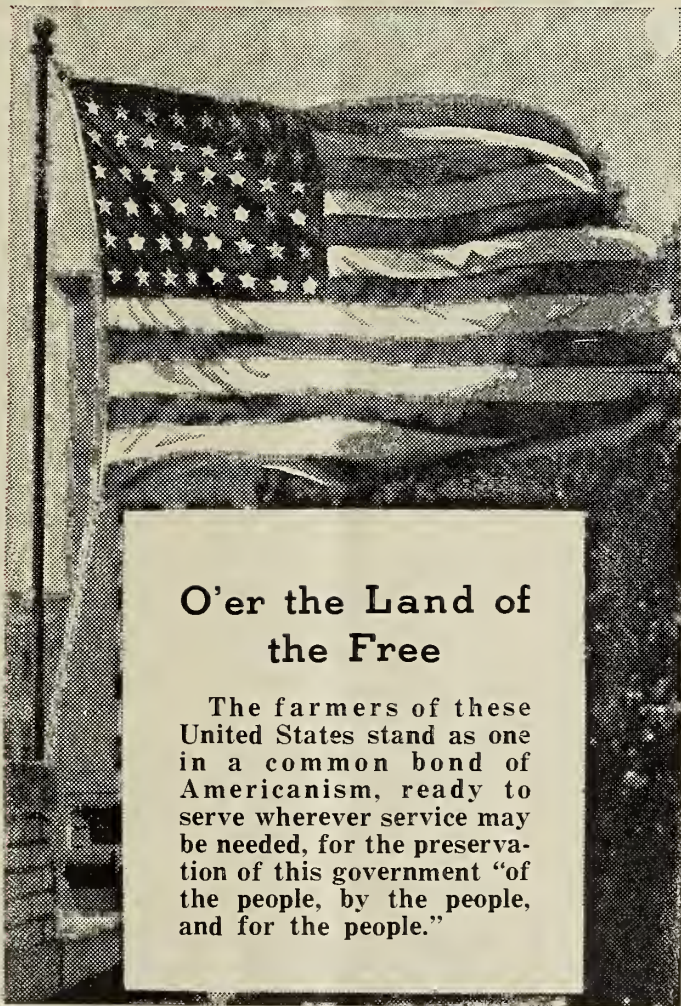


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# American **TURKEY** **JOURNAL**



## O'er the Land of the Free

The farmers of these United States stand as one in a common bond of Americanism, ready to serve wherever service may be needed, for the preservation of this government "of the people, by the people, and for the people."

VOL. IX

NO. 4  
INV. '60

**JULY**  
1940

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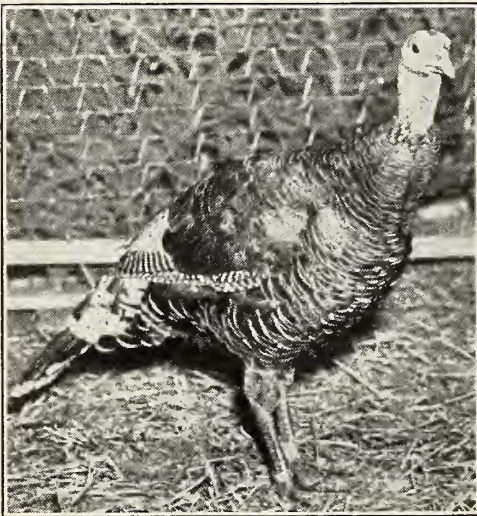


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*You'll get there-*

## WITH DAKOTA MAID FEEDS

—because they supply your birds, from start to finish, with EVERY ingredient they need to grow into strong, healthy mature turkeys at market time.



### DAKOTA MAID TURKEY FEEDS

LAYING MASH

STARTING MASH

GROWING MASH

FINISHING FEED

And DAKOTA MAID ALL-PURPOSE CONCENTRATE for mixing with home-grown grains.

**RIGHT NOW** you are interested most in a fast, healthy growth, with plenty of resistance to the diseases that turkeys are heir to; and you also want big, strong frames for that covering of richly flavored meat they will be covered with by fall.

### KEEP THEM ON DAKOTA MAID FEEDS TO THE FINISH

That is the quickest, easiest and most positive way to bring out every profit-making bit there is in your turkeys. Our feeds are made to be "Fed With a Profit" and hundreds of turkey growers throughout this territory are proving every year that DAKOTA MAID Feeds really produce results that spell more money in the bank at the end of the season.

SEND FOR FREE COPY of our "Feeders Handbook," a publication filled with valuable information on turkey feeding and management. Also covers all poultry and livestock.

# State Mill and Elevator

Grand Forks

North Dakota

## All-American Picnic July 14 at Grand Forks

The annual All-American Turkey Show picnic will be held in Riverside Park, Grand Forks, N. Dak., Sunday, July 14th. This annual summer get-together of turkey folks from far and wide is always a most enjoyable affair and is always well attended. Beautiful Riverside Park is an ideal place for the event and is well equipped with plenty of tables and benches under restful shade trees. The Municipal Swimming pool is close at hand and all are urged to bring their bathing suits for a cool plunge during the day.

As usual all those attending bring their own basket picnics, but friends of the All-American supply free coffee, cream, sugar, ice cream and watermelon.

A special feature this year will be John Howard and his 40-piece NYA band, who have kindly consented to give a special concert for the turkey picnickers.

The annual picnic is sponsored by the Turkey Hen Club, women's organization of turkey growers. Mrs. Claude Wright, Aitkin, Minn., is president and Mrs. Eric Norrie, Crookston, Minn., is secretary.

## A. P. A. Convention Program St. Louis, July 19-22

The Convention proper will start July 20 at 2 p. m. Registration will start at 9 a. m. July 20.

July 19, 2 p. m.—Meeting of the Executive Board.

July 20, 9 a. m.—Meeting of the Executive Board.

July 20, 2 p. m.—Opening Session. Called to order by Chairman Mrs. L. A. Rupf, Director of District Six.

Address of Welcome by representative of St. Louis.

Response by Harry Lamon, President-elect of the American Poultry Association.

Appointment of Sergeant-at-Arms.

Roll Call by states. Each member rise and give name, town, and business connection.

Appointment of Committees: Credentials, Resolutions.

July 21, 9:30 a. m.—Vice-President O. R. Ernst, presiding.

Reading of minutes of 1939 Convention.

Report of Secretary.

Report of Treasurer.

Auditor's report.

Report of Finance, Ways and Means Committee.

Report of Board of Directors.

Report of President.

Report of Committee on Standards.

Report of Committee on Education.

Report of Committee on Publicity.

Report of Committee on Poultry Shows.

Report of Committee on Licensing.

Report of Committee on Flock Inspection.

Report of Committee of Instruction for Poultry Judging.

July 21, noon—Luncheon and annual meeting of American Poultry Association Licensed Judge Section. For reservations see Frank Conway, President, or Marian Barrie, Secretary, Seward, Nebraska.

July 22, 9:30 a. m.—New Business.

The Turkey Federation will present some recommendations to the American Poultry Association.

July 22, 6:30 p. m.—Annual banquet of the American Poultry Association. Sessions will be held on the 21st and 22nd at 9:30 p. m. and 2 p. m. President-elect Harry M. Lamon and Vice-President-elect Louis Paul Graham take the Chair at the beginning of the New Business. To simplify matters and get quicker action, some of the newer business may be shifted forward and finish up old business later in the session.

A busy session is anticipated. Constitutional revision action will take up some time. If necessary, we may extend sessions to one or two evenings.

### LAMON TO PRESIDE

At the annual American Poultry Association convention to be held at St. Louis, Mo., July 19-22, Harry M. Lamon of New York will take over the directing reins of the A. P. A. for a term of two years. Mr. Lamon is a wide-awake executive and is strong for a square deal for everyone. He has already shown his interest in the turkey industry and promises due consideration to the great turkey section of the immense Poultry Industry of the country. We predict a successful administration of A. P. A. affairs under Mr. Lamon.

At the St. Louis meeting which combines the American Poultry Association and the International Baby Chick Association there will also be held the first regular annual meeting of the National Turkey Federation at which time further details of the organization will be perfected and a working program adopted. There is also to be a "Special Turkey Day" to include a turkey program and banquet. Many turkey breeders from far and near are expected to be present.

### FAY LEATHERWOOD DIES

Fay Leatherwood, nationally known turkey breeder of Oakland, Oregon, died in a Portland hospital June 23rd. He is survived by his widow and two daughters.

Mr. Leatherwood was particularly interested in the Black turkey and made many notable winnings in the various leading shows. He was especially instrumental in the formation of the Northwestern Turkey Show at Oakland eleven years ago, and was recognized as a leader in the turkey industry in the Oregon area.



# Summer Management

There are so many details to turkey management that the discussion of the subject can never be exhausted. Last month we briefly covered several topics, namely, feather picking, pendulous crop, mycosis, worms, and roup and colds. In the discussion of these troubles we make no effort to go into extensive detail further than giving general causes and suggesting preventive measures.

For specific cases requiring treatment we will be glad to prescribe special treatment if careful description of symptoms is given by letter and stamp enclosed for reply by mail. In this connection we wish to state that definite diagnosis can not be made even from the most careful and complete description of symptoms except in the most common troubles, such as pox, roup and blackhead, and of the latter only in cases where postmortem is resorted to, on the farm, by one who has had some experience in such cases.

When yellow or greenish spots are found on an enlarged liver and the ceca presents an ulcerated condition, and the usual greenish yellow droppings are noted, the evidence is conclusive that it is blackhead. The off-colored droppings alone are not sufficient proof of blackhead, as the same bowel condition may indicate acute indigestion or cholera.

Where trouble of any kind appears to be serious it is best not to delay in having an accurate diagnosis, which requires the services of a veterinarian or one competent to make a pathological examination. On the first appearance of any trouble of this nature there are two important things to do promptly—isolate all ailing birds and move the flock to new ground.

The common practice of giving laxatives in such cases is to be commended with limitations. Some kinds of laxatives are too severe and often are given in excess disrupting the digestive organs and putting the flock out of condition, resulting in slowing up development, which means loss.

In the new book on Turkey Management, by Marsden and Martin, we find a statement on "LAXATIVES" which we fully indorse and quote it here in full: "Mild intestinal disturbances may be treated with a mash of bran, two parts, and clabber milk or condensed buttermilk, one part by weight. This mash may be the only feed for one day and may be repeated in five days or a week later.

"Another effective means of administering a laxative without disturbing the growth is the well known "milk flush." The flushing mash is prepared by mixing 60 pounds of the mash the poult has been receiving with 40 pounds of dried skim-milk or dried

buttermilk, if the skim-milk is not available. Epsom salts may be given as a laxative but since salts tend to shrink the tender lining of the intestinal tract, they should not be given often or in too heavy doses. The usual dosage of epsom salts is one pound to 50 grown turkeys, 100 four months old, 250 two months old and 500 one month old.

"Castor oil is not generally recommended as it must be administered individually. The usual dosage consists of 4 or 5 drops for a week old poult, a teaspoonful for a 5 to 6 pound poult, a tablespoonful for a 10 to 12 pound or half grown poult, and two table-spoons to a mature tom. Routine dosing with laxatives is not a desirable practice."

When a goodly supply of milk in any form is given to growing poults and when green feed is succulent and plentiful, laxatives will not be found necessary except when trouble develops, and that is not common when birds are on good range and are given a balanced ration.

## PROVIDE SHADE

The best developed and smoothest birds we handle each year are those in flocks having access to fine, natural shade during the hot summer days. It is true that turkeys need sunshine in abundance but it is just as important that they have protection from excessive heat of the noon day sun. If natural shade is not available then shade should be provided in one way or other. Regular shelter sheds will answer the purpose if droppings are kept cleaned up. Special sun shades can be provided by nailing burlap sacks on frames of poles or boards. On some farms where natural shade is absent we have noted extensive plantings of sunflowers which make a good substitute. However it is to be accomplished, shade is very important and should not be overlooked.

## AMPLE ROOSTING SPACE IMPORTANT

Roosting space that was sufficient when the poults were first put out on the range soon becomes overcrowded by the rapid growth of the birds. Not only will double the number of roosts be required before the poults reach maturity but the spacing between them will also need to be doubled. For best results roosts should not be closer than 20 inches apart and allow at least 12 inches per bird. More space both ways would be better. The lack of sufficient roosting space is very detrimental to any flock.

## THE WATER SUPPLY

Every turkey grower knows the importance of a constant supply of fresh water for the growing poults, yet many fail to supply it. It is not enough to water the birds morning and night if the supply is allowed to run short through part of the day. If the birds become too thirsty they will drink too much

**GET BIG FRAMES, THICK COVERING OF MEAT  
WITH PURINA TURKEY GROWING CHOWS**



**GROWING** material—that's what turkeys need the first 20 weeks. Purina growing chows are rich in proteins, minerals, vitamins, and other nutrients for fast, economical growth.

**ADD SMOOTH, PLUMP, PREMIUM FINISH  
WITH PURINA TURKEY FATENA CHECKERS**



**FATTENING** and **FINISHING** material are essential the last 4 to 6 weeks before market. Purina Fatena Checkers are especially built to put on a thick covering of tender, juicy meat at low cost.

You know how turkeys "bear down" on feed after the 26th week. Tests show that it takes 4.2 lbs. of feed to make a pound of gain the first 26 weeks, compared with 7.1 lbs. between the 26th and 28th weeks.

That's why Purina Turkey Growing Chows are built to give fast growth—so your turkeys will have the size, carry a thick covering of flesh by the 20th week. This gives them time to stay on Purina Fatena Checkers four full weeks before market—so they'll put on weight and premium finish that buyers like. *And for which they're willing to pay top prices!*

Your Purina dealer or salesman will gladly tell you more about the Purina Plan. Or if you prefer, write to—

**PURINA MILLS, St. Louis, Mo.**





when the supply is renewed and this is likely to cause trouble and may result in feather picking. It also prevents normal development. The water containers should be convenient to the feeders and be protected from the hot sun. What turkeys need and have to have in order to do their best is to be comfortable and every attention which will add to their comfort will also add to the dollars they will return in the fall.

## THE SLATE TURKEY

Slate turkeys have both great beauty and market quality but up to the present no one has made much noise about them. We know of a few breeders who are making fine headway in securing more uniformity and smoothness of color, of the darker shade which is most desired, and they are also getting the size and conformation required by the standard. These birds when exhibited in sizable classes, attract their full share of attention and comment. We believe the main reason they have not made greater gains in popularity is because there has never been much "push" behind them.

There are comparatively few breeders or advertisers of this breed and that alone is reason enough why they have not made better headway. The few leading breeders of this turkey are doing good work and have produced some quite remarkable birds but they have been content to exhibit them in a small way only, practically eliminating them from winning many of the sweepstakes prizes offered at the shows; and at the average show the entry is too limited to attract much attention by local reporters and the poultry press.

Doubtless one of the reasons for the smaller entries is due to the fact that Slates are not raised in large numbers on any farm we know of and since they do not breed very true to color, the selection is quite limited in even the larger flocks.

While the Slates were among the earliest breeds admitted to the Standard of Perfection, there is practically no authentic information concerning its origin available. It would be interesting to hear from some of the pioneer breeders of the Slates, giving definite data of what they know about them and their origin. Another probable reason why more people are not raising the Slates may be due to discouragements from the common off-color which is sure to crop out in all breeds and varieties of slate-colored fowls. The "Blue" or slate color just does not mix evenly in breeding.

Why that is the fact is not known to this writer. It is a secret of Mendel's laws. But since the comparative number of off-colored birds is few, this should be no real handicap to the breed since the greater percent goes to market anyway, and the general flock color is not materially affected.

It is well known that a rather crude form of slate color can be secured by a single

cross of Bronze and White Hollands, which may have been the origin of the breed, and if so, certainly is not to its discredit. But more likely the better strains of the present Slate turkey originated in the same manner as have all the breeds, through selection and more or less "line-breeding." It is our opinion that there is at this time a golden opportunity for some real breeder to popularize this entirely worthy turkey through more selective, and possibly line-breeding, exhibiting and advertising the Slate turkey which is generally regarded as a "new breed," even though it has been bred about as long as any of them.

Some months ago we heard some talk about organizing the Slate Turkey Club for the purpose of promoting the breed. We have not heard of it materializing. We would like to see this carried out. We know of Slate breeders of the right caliber to put such a project over. The value of a live breed-club is inestimable in promoting any breed, as has been fully demonstrated during the last decade or more. The editor of the American Turkey Journal would be pleased to hear from breeders of Slate turkeys who would take part in forwarding such an organization.

## The Standard Breeder

The "STANDARD BREEDER" in the last issue brought forth the following letter which we were glad to receive, as it doubtless does represent the position of many of our readers, those we have often referred to as "Growers." We have meant to cast no reflection on this class of turkey producers as their program is entirely legitimate but it does present a different viewpoint from that of the "breeder" who has a definite program for improvement in his breeding schedule and would be satisfied with nothing less.

The letter follows: "The editorial in your June issue, entitled 'The Standard Breeder,' good as it is, reminds me to tell you that some of us in the turkey industry are not Breeders. Of course I am not telling you something you do not know. But I am wondering if there are not "standard feeders" as well as Standard Breeders?"

"As a turkey feeder I know of no word that is so expressive of the situation as the word "game" as applied to our part of the industry. I tell my friends I am not in the "turkey business" because as feeders we can neither control our output nor fix the price on our product. Those in business of any kind can do one of these two things, sometimes both. As a "standard feeder" we pay the other fellow's price for the poults and we take the other fellow's price when we sell them in the fall. Between spring and fall we pay the other fellow's price for feed. We enjoy the "Turkey Game." Sincerely yours, R. W. Bowden, Deerwood, Minn."

The fact that Mr. Bowden is enjoying his

# NO After Sicknes- WHEN YOU Worm WITH ROTA-CAPS

## ROTA CAPS don't set-back growing TURKEYS-

Experienced turkey growers say: "Worm your turkeys if you want full results from your feed and effort.

They prefer Rota-Caps because they don't interfere with normal growth, yet get the worms.

### TESTS PROVE IT



Tests show conclusively that Rota-Caps will not interfere with the normal growth of turkeys no matter at what stage of growth they are given. Note the chart at right which shows record before and after giving Rota-Caps.

### ROTAMINE DOES IT

Rotamine, Dr. Salsbury's exclusive, newly discovered drug, protects birds from unnecessary systematic absorption which causes set-back after-sickness. Rotamine sets up mild but quickly effective peristaltic action which not only expels large round worms and capillaria worms, but also gets these tapes (heads and all); *m. lucida* (in turkeys), *R. tetragona*, and *R. echinobothrida* (in chickens).

Get Dr. Salsbury's Rota-Caps from your local dealer. If he can't supply you, order direct. State size and quantity and enclose check or money order.



#### Old WAY WITHOUT Rotamine



Only desegments tapes, leaving live heads to grow new bodies in the birds' intestines. Note live heads left in villi.

#### NEW WAY WITH Rotamine



Expels Heads and All of these destructive tapes: *M. lucida* (in turkeys); *R. tetragona*; and *R. echinobothrida* (in chickens).

### DR. SALSBUARY'S LABORATORIES

Charles City, Iowa

A Nation-Wide  
Poultry Health Service



#### ROTA CAP PRICES

Pullet Size: 100 caps — 90c;  
300 — \$2.50; 1000 — \$6.00.  
Adult Size: 200 caps — \$2.50;  
500 — \$5.00; 1000 — \$9.00.

For Flock Treatment

## AVI-TON

Dr. Salsbury's AVI-TON is a positive flock wormer for large round worms and pin worms. Also contains 5 appetite-stimulating drugs. Just mix with wet or dry mash—feed periodically as needed.

Dr. Salsbury's  
**ROTA-CAPS**  
THE ONLY WORM TREATMENT  
CONTAINING *Rotamine*



"turkey game" suggests the probability that he would make a very efficient "turkey breeder" and enjoy the work all the more.

But let's take another look at the word "game" which we referred to in this column last month. The first definition in Webster's dictionary of the word is: "Sport of any kind; fun; playful ridicule," etc. However, far down in the list we find the word "gamble," and of course that is the application Mr. Bowden has in mind and we think the same would apply as well to most lines of business.

Now let us look at Mr. Webster's definition for "business": "state of being busy. (that's the turkey grower.) That which busies, or engages time, attention, or labor, as a principal serious concern or interest."

From these definitions we conclude that the Standard Breeder, the "Standard Feeder" or just the plain turkey raiser has a right to apply the term, "business" to his operations and if he can make a "game" out of it he is just that much to the good.

Correspondence for this department is solicited.

## NOTES ON FEEDING

Even the best mash in the world will not take the place of green feed, particularly when it comes to cutting the cost of production. Cline figures that fresh green pasture will cut turkey production costs 30%. We do not all have fresh greens available and where this is the case, perhaps the best substitute is ground alfalfa hay. This should be as fresh and as green as possible, the bleached or old hays lose most of their vitamin values.

Still another method of getting green feed into the birds is to soak barley overnight in milk and then dry it down by adding one-third (bulk measure) ground alfalfa. Where labor is no particular object, this can be fed twice a day all the birds will clean up in half an hour. Where the turkeys are a sideline and time is limited, even one feed a day will help. Remember this is simply a supplementary feed and **mash and scratch** grain should be kept in front of the birds at all times.

This brings us down to scratch grain. Here we find different methods of feeding. One of the best ways is simply to have certain hoppers for mash and keep them filled, so the birds can get either mash or scratch as they desire. You will find they can balance their own feed better than you can do it for them. It doesn't make so much difference what grains you feed, follow the market. If corn or barley or wheat or oats are the cheapest, make the scratch mostly of the grain most economical, but add some other grains for variety's sake. We have, many of us, been overlooking one of the best grains available when we failed to feed oats. Particularly is this true in the

mountain area, where 42 lbs. oats is the rule rather than the exception. Not only is oats an excellent ration for all young, growing stock, but late experiments have shown it is an important factor in hastening feather maturity, something vitally important in turkey production.

Feed well. Never stint your birds. Feed often. At least once, and better twice, a day. Every time you even stir up the feed you will attract a few turkeys and induce them to eat a bit. The quicker you get those turkeys on the market, so long as you do not soar beyond reason on feed costs, the more profit there will be in it for you. And always remember this: Whenever a turkey stops growing, he is losing you money.

—Norbest Turkey News

## NATIONAL BLACK TURKEY CLUB

Mrs. W. T. Hall, President - - Denton, Tex.  
W. W. Teelin, Vice-President - Blossvale, N. Y.  
Mrs. Walter Hammond - - Hastings, Mich.  
Secretary-Treasurer

Mrs. Dorothea Buskirk, Evans Mills, N. Y., writes that due to ill health she isn't having as many turkeys this year but what she has are exceptionally fine. We assuredly wish you better health, Mrs. Buskirk.

Black breeders: Check July 24th on your calendar and plan to attend the National Turkey Federation Convention at St. Louis, Mo.

Received a very interesting letter from our vice president, Mr. Teelin. He states they have been very busy this season, and also writes that the State Agriculture School at Marrisville, N. Y., are trying turkeys this year for the first time and are starting Blacks.

Called at the Hobbs Turkey Farm at Delton, Mich., and viewed a fine flock of growing stock, also some newly erected sun porches.

The Manti-Apex Hatcheries, Manti, Utah, write saying they are interested in a smaller size turkey and asked for information on Blacks.

I wish to thank the turkey breeder in Washington who sent me the box of luscious cherries and forgot to add their name.

Quite a number of members as yet haven't submitted their dues. Show time is fast approaching and we can plan trophies, etc., to the extent of our financial ability. Please sharpen that pencil, Black breeders, and scrawl me a line.

MRS. PAULINE HAMMOND.



Mrs. Hammond



# The American Turkey Journal



GEORGE W. HACKETT, Editor, Wayzata, Minnesota.

Telephone or Telegraph Address, 201-R Excelsior, Minneapolis, Minn.



Published monthly by the Page Printing Co. (Established 1912) at 105 South Third Street, Grand Forks, North Dakota. The home of the All-American Turkey Show, First and Foremost of All Exclusive Turkey Expositions, and center of America's greatest turkey-raising territory.

**SUBSCRIPTION RATES:** In the United States and Possessions, 50c per year; Canadian, 75c per year; Foreign, \$1.00 per year. Single copies 10c. Back numbers 20c.

**ADVERTISING RATES** furnished upon request.

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## THE SHOW AND THE EXHIBITOR

Turkey picnics rather than turkey shows are in order at this season of the year, yet it is a good time to think things over as the season for important state and county fairs is at hand and more and more turkeys are being exhibited at these annual events as the years go by.

Surely no Poultry Exhibit at any fair is complete without its proportionate entry of turkeys and there is no other kind of a turkey show where so many people view the exhibits. It is true that not all the visitors who do look at the turkey display at these fairs are interested in them, yet many instances have been known wherein the contacts made at these shows have resulted in fine sales and a business relationship developed which has lasted over many years and has aggregated many thousands of dollars.

But that is not the only reason why turkey breeders should exhibit at the fairs. The fair, whether large or small, should be a complete EXPOSITION of agriculture proportionate to the locality and the extent of the affair. Expositions of this sort have always played an important role in the development of agriculture through improvement of livestock of all kinds, through improved equipment for every purpose and through demonstrations and display of exhibits in competition with others of like kind.

Added to the inestimable intrinsic value of such competitions the forward-looking exhibitor finds great satisfaction and often secures for himself "a place in the sun" as a result of consistent effort in exhibiting his wares. All this applies as truly to the turkey breeder and exhibitor as to any other line of product.

True enough, it requires effort and some expense to take part in this exhibiting program but nothing worth while was ever accomplished which did not require some sacrifices, and it should also be considered a duty as well as a pleasure to do one's full part in promoting any branch of industry in which one is engaged. Many great careers in livestock breeding had their beginning in the initial entry at a local fair.

Another reason why turkey exhibits should be increased at the fairs is for the impressions made even on those who are not primarily interested in turkey production. It serves to aid in making people "turkey conscious" and unquestionably helps to increase consumption. In judging at the fairs we have often noted the keen interest taken by boys and girls in their 4H Club exhibits which included turkeys and have been impressed with what such experiences could mean for their futures. Parents, in position to do so, will do well to give their boys and girls a chance and encourage them to exhibit.

Failure by turkey breeders to make entries at the fairs and other shows are accompanied by varied excuses; too busy, birds not in good condition, weather too hot, cooping inadequate, etc., etc. In most instances none of these excuses are really valid. Progressive people are always busy; fair time is not the ideal time to exhibit so far as the condition of plumage on old birds or the development of young is concerned, but everybody is in the same boat in that respect and the fellow who is really interested in his birds can always arrange to have some birds fit to show.

Birds may be a bit uncomfortable when cooped during hot weather but most fairs have taken this into consideration and have provided comfortable quarters, including coops of ample size, kept clean and sanitary. In the aisles at the shows we hear interested visitors remarking that they have better birds at home than those in the cages before them and wish they had made entry but it "was too late" before they thought of it.

Many of the State Fairs have grand new buildings and ample cooping of the finest sort for turkeys. Two cases we know of are outstanding, which have not brought out

nearly the entries they deserve. One is the Minnesota State Fair which provides 4x5 ft. pens for turkeys and seldom has more than a score of turkeys on exhibit, and Minnesota is third among the states in turkey production.

The second in mind is the Iowa State Fair where they have one of the largest and finest poultry buildings in the land and 200 of the best turkey coops money can buy and yet they have never had an entry of more than 60 turkeys. At both of these fairs premiums are ample and entries are solicited, especially by Mr. Atkins, in charge of the Poultry Department at Des Moines. Turkey breeders are not taking advantage of the fine opportunities offered by these two of the greatest State Fairs in the U. S. A.

In contrast, at the Ohio State Fair they have an entry of more than 300 turkeys under less favorable conditions, in a state which does not rate as high in turkey production as either of the other states mentioned. Most of the differences in the cases cited can be attributed to lack of organization and cooperation among the turkey breeders in these states. California and Texas are two of the other states with which we are familiar where turkey classes are worthy of comment.

From the exhibitor standpoint much good is to be derived from these shows. View-points are exchanged and experiences related to mutual benefit. Lasting friendships are formed and valuable contacts are made. Exhibiting in close competition proves the "acid test" on dispositions and temperaments and proves the quality of the exhibitors as well as of the birds, making the whole experience of showing valuable to all concerned.

## GREEN FEEDS

Late in the season it is usually a problem to provide succulent greens for the turkeys when hot weather is likely to dry up available crops. Plenty of greens not only keeps the flock in better condition but also greatly reduces the cost of maturing the birds. There is nothing quite equal to alfalfa and in our northern latitudes the third crop comes to sufficient maturity at about the right time, if the season has become favorable.

Clovers are also desirable, being rich in vegetable protein, and the turkeys like them. Rape is a good substitute but has some disadvantages. If it grows too rank it may go down and become sour so the turkeys will not take to it, or if hot weather prevails, it wilts and becomes tough and unpalatable. On one farm we visited in the west last fall we saw a large flock in a corn field with leaves stripped off as high as the turkeys could reach and some ears of corn were being devoured without ill effect.

## 1941 ALL-AMERICAN PLANS

January, 1941, seems quite a long way off with the thermometer gently pushing the 90 mark but even so, the All-American Turkey Show officers are already at work on plans for the 18th annual holding of this pioneer of all turkey shows.

President C. D. Page and Secretary W. W. Blain have had several conferences with Frank E. Moore, new show manager, during the summer and plans will soon be in the announcement stage for a number of new innovations and improvements at the 1941 All-American.

Manager Moore plans to emulate George W. Hackett's doctrine of "Continued Progress" in the belief that no show ever stands still, it must either go forward or backward, and there is definite assurance that this great turkey classic will continue to go for-

ward this season as it has every year in the past.

President Page had a conference with Everett Mitchell, nationally known announcer for the NBC Farm and Home Hour, in May, at which time discussion was had toward broadcasting the 18th annual show over this national network again, as was done in 1939 with great success. Mr. Mitchell considers the All-American show broadcast one of the most unique ever handled by the Farm and Home Hour and expressed the hope that his organization would be able to bring this famous turkey show to their listeners again in January, 1941.

A large attendance of turkey folks is expected at the annual summer All-American picnic, to be held in Riverside Park, Grand Forks, N. Dak., Sunday, July 14th. A directors' meeting will be held during the day to discuss various phases of the 1941 show.

## ALL-AMERICAN BRONZE TURKEY CLUB

Axel Hanson, President - - - Minneapolis  
Mrs. W. J. Janda, Sec'y - St. Hilaire, Minn.

The past month must have been a very busy month for turkey growers as I have not had news from any of our members. I am hoping that you all will write me for the August issue so we can have a real live mid - summer number, with news from all sections of the country. Show time is on the way. Our club again is offering beautiful as well as useful trophies at state shows where we have ten or more members. Is your state eligible? If not, it's not too late to start getting members.

Last week, the turkey growers near our village commenced disposing of their breeding hens.



Mrs. W. J. Janda



Instead of taking all to the dressing stations, they dressed them and took them in to our local creamery where we have a fast freezing plant with lockers for storage of meats, vegetables and fruits. The patrons of the creamery stocked up on turkeys. That way a large number of the breeding hens are being consumed locally and people who formerly used to eat turkey once a year, namely at Thanksgiving, will be eating turkey once or twice each month during the year. Why not try this out in your locality?

So often we hear that crooked-breasted birds inherit this defect from the parent stock. It may all be true that by inbreeding too much will cause a natural weakness and a large number of the flock will be crooked-breasted. But much of this can be prevented by having proper roosts for the growing stock. We have always found that two-by-fours make the best roosts. The turkeys do not touch the roost with their breasts but rest their bodies on their feet. Round roosts where a turkey can hook its claws around the pole will let the breast rest on the wood and causes dents near the front of the keel. Of course improper feeding also leads to crooked breasts.

Let me hear from you before July 20th. That's the day our August club notes are sent in.

MRS. JANDA, Sec'y.

### SINUSITIS IN TURKEYS

Dr. W. R. Hinshaw, a California authority on turkey diseases, says of sinusitis in turkeys:

"This disease commonly called swellhead is probably the result of one of several causes. Sinusitis has been produced by feeding turkeys an insufficient level of vitamin A, by an injection of fowl coryza and from mechanical injury such as a kernel of grain becoming localized in the sinus. There is also considerable evidence that there is at least one other type which appears to be contagious and which primarily affects turkeys. It is the last type which causes considerable losses on turkey ranches each fall.

Madsen of the Utah Experiment Station recently reported that this type of sinusitis can be successfully treated with a 4% silver nitrate solution. Work done at the University of California by Dickinson and Hinshaw has confirmed Madsen's findings and further

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1939 ALL-AMERICAN Dressed Division: 1st Old Hen, 2nd Heavy Young Tom, 2-6 Young Hen, Best Display S. Dak. 1939-40. LIVE: 1st Old Pen 1940. WORLD'S POULTRY CONGRESS, 2nd Adult Tom, 2-3 Yearling Hen, 5th Adult Hen, 5th Dressed Old Hen. Foundation stock of broad shoulder, meaty breast, shorter shank.

MAY EGGS 25c—\$20.00 per 100. Safe Delivery.  
**GRACE BAXTER Hazel, S. Dak.**

### WHITE HOLLAND STARTED POULTS

4 Weeks Old 50c Each  
6 Weeks Old 75c Each

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Yoakum, Texas

### Mammoth Bronze Poults

Correspondence on your 1941 requirements invited.

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Hampton, Iowa

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KINSLEY KANSAS

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Winners at leading shows including World's Poultry Congress where we won 2nd Yearling Tom and 2nd Yearling Hen. A.P.A. Inspected Flock. Breeders for Sale.

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BIG, BLOCKY, BROAD-BREADED,  
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Bronze, Narragansett, Bourbon Reds,  
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Toms, Hens, Eggs, Poultis; Low Prices

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Be the first in your locality to breed Small Whites.

Also offer selected trapnested Bronze.

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Owenton, Kentucky

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Won Best Male and Best Female Black of Entire Show, 1st Old Tom, 1-4 Yearling Hen, 2nd Young Hen, 1939 World's Poultry Congress, Cleveland.

Master Breeder's Award, Champion Young Hen of Show, Champion Black, Best Display Blacks. at 1938 All-American.

MRS. W. T. HALL  
Route 1 DENTON, TEXAS

### SWANSON'S QUALITY BRONZE

Broad breasted, quick maturing Bronze turkeys • Bred for market qualities only • Excelling in egg production and livability of poultis • Breeding stock blood tested under state supervision.

Swanson's Turkey Farm & Hatchery  
St. James, Minnesota

indicates that a 15% argyrol used in a similar manner is nearly as effective.

The method of treatment consists in removal of the sinus exudate with the aid of a syringe and hypodermic needle and the injections of one to two cc of the drug to be used in the affected sinus.

—Northwest Poultry Journal

## NARRAGANSETT CLUB NOTES

A. C. Payne, President - - Towner, N. Dak.  
Mrs. Wm. Eddie, Vice Pres., Northwood, N. D.  
Mrs. Ole Nelson, Sec'y-Treas., Kensington, Minn.

Another busy month has rolled around. Our oldest poultis are now roosting outside. We have 250 in that flock and they are beginning to look like half-grown turkeys.

This has been an ideal year for turkeys so far as there has been plenty of rain so the alfalfa has been doing real well, and we have had very little extremely hot weather. We have over 600 turkeys altogether and they have been doing very well all the time.

George Gilbertson was here a few days ago. He has increased his flock considerably this year as he has about 1200 poultis which he states have been coming along just fine.

Jim Martinson's also have increased their number this year as they have 1100 poultis which are growing by leaps and bounds. Most breeders around here seem to have more turkeys this year than last, which makes us wonder what we will be able to realize for our season's work this year.



Mrs. Ole C. Nelson

This month the mailman has failed to bring me any letters from our club members, which necessarily makes my club notes rather short, but now I know your poultis do not take up quite as much time so I trust you will make up your mind to send a few lines to yours truly; otherwise I shall have to follow the suggestion made by Mrs. Albert Payne that we write about our baby daughters. Marlys Jean was 4 months old the 14th of June, and weighed 16 pounds at that time. I had her out to see the turkeys for the first time a few days ago, and she surely looked rather surprised.

Here's hoping you keep the mail man busy this month.

MRS. OLE NELSON.

American Poultry Association  
Annual Meeting and  
First Regular Annual Convention  
of the National Turkey Federation  
St. Louis — July 19-22



## AMERICAN-ROYAL TURKEY CLUB NOTES

C. E. BIDDLEMAN . . . . . President  
Kinsley, Kansas  
MRS. W. F. WOLFE . . . . . Vice President  
LaCygne, Kansas  
SADIE B. CALDWELL . . . . . Sec'y-Treasurer  
Broughton, Kansas  
ODELL DYER . . . . . Trophy Chairman

We've had so few hot days (for us) that it scarcely seems possible it's summer time — you'd have thought by the necessary blankets again last night, that you were surely up in the mountains vacationing. In the face of this, I had to stop and think when receiving an invitation to spend the Fourth with some friends (we're used to really hot weather along with the Fourth.) Like some others, I have a feeling I'd like to cut loose for a few days — just visit and not have to fill feeders, waterers or get ready to move more poults on to range — but I don't know whether I can manage to leave my flock that soon or not. Here's hoping each of you have a very pleasant Fourth, and also I'm looking forward to seeing a lot of you in St. Louis late in July, if I can possibly make it there myself.



Sadie B. Caldwell



You'll be glad to hear from the Freemans and Turners, the only two who managed time to write the past month. The Freemans are raising about usual size flock—or perhaps a few less than last year. They're also very busy with music lessons, 4H and Farm Bureau Club work and what-not. And I still recall the vast numbers of cattle I saw (mostly well bred White Faces) in the hills and pastures as I went to visit in their home last fall. I hadn't

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EGGS—Utility, \$20.00 per 100 } smaller lots  
          Choice, 30.00 per 100 } same price  
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80% Fertility Guaranteed Throughout.  
**SADIE'S BOURBON BEAUTIES**  
Bred, Reared and Owned by  
**SADIE B. CALDWELL, Broughton, Kans.**

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Are Supported by  
A good show record wherever shown,  
because  
**THEY ARE THE BROAD BREASTED,**  
quick maturing, market type turkey.  
Orders now booked for fall breeding stock  
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6 Grand Matings, all A. P. A. banded.  
A few toms to spare. Hatching Eggs.

**HOWARD TANNER**  
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Top Award in Leading Shows.  
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EBONY BLACKS**

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EGGS, BREEDERS OR  
EXHIBITION STOCK

Mr. and Mrs. Albert Payne  
Towner, North Dakota

known Kansas had such vast amounts of hilly pastures—almost looked like mountains to me.

Mrs. Turner writes: "I am taking a correspondence course from K. U." (She teaches too) "in addition to taking care of the poults and other work. We're having good luck with the poults so far, with the first ones ready to go on range when the rains slack up a bit. We started them on pellets this year but encouraged them to eating more readily by sprinkling a little mash and oatmeal over the pellets at first, until they learned to swallow the pellets. Now we're substituting the larger pellets, and how they do complain at first. But we're finally winning out without so much "back talk." One of our hens (1st at American Royal and Denver) has laid since Christmas without becoming broody, and still going strong."

I'm still urging that you write a letter for the August notes. I'll really expect all of you to, as it's been so long since most of you have. But with poults going onto range, so there is slightly less to worry about, do write, and please include your 1940 club dues if you haven't already.

Hope to see you in St. Louis.

SADIE B. CALDWELL.

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Mrs. Raymond Hoover

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