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Mr. Johnson
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American **TURKEY** **JOURNAL**

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First Adult Tom, 1934 All-American Turkey Show. A very fine, sturdy and vigorous bird, owned and exhibited by the well known South Dakota Bronze breeders, Mr. and Mrs. A. C. Johnson of Bath, S. Dak.

VOL. III.
NO. 5

JULY
1934

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World's Fair Champion Bronze Flock World's Fair Futurities Championship

are two outstanding titles that Reiman Bronze have won in the best competition the country offers. 83% of all 1st, 2nd and 3rd Awards in 1931, 1932, 1933 at the Chicago Show.

"You Can Always Tell a Reiman Bird"

Thus have Reiman's Bronze achieved an almost unbelievable winning record, climaxing their more than 20 years of consistent progress in the science of producing better turkeys.

If a high winning record is proof of superior quality then a continued winning record running for many years must be final proof of sustained and constant quality that cannot be denied.

1933 CHICAGO WINNINGS:
Adult Tom 2-3-4-6; Yearling Tom 3-4-5; Young Tom 1-2-3-4-5; Adult Hen 1-2-3-4; Yearling Hen 1-2-3-5; Young Hen 1-2-3-9-12; A smaller entry in stronger competition.

A RECORD NEVER BEFORE EQUALLED: 78 $\frac{1}{7}$ % of all firsts, seconds and thirds in 1930. (Best Display Bronze); 84 $\frac{1}{3}$ % of all firsts, seconds and thirds in 1931. (Best Display Bronze, Grand Champion, First Master Breeders); 83 $\frac{1}{3}$ % of all firsts, seconds and thirds in 1932. (Best Display Bronze, Grand Champion, First Master Breeders); 83 $\frac{1}{3}$ % of all firsts, seconds and thirds in 1933. (Best Display Bronze, World's Fair Futurities Bronze Championship.)



Grand Champion International Turkey Show, Chicago, 1932. (A leader in meat type; the dream of the turkey grower.)

Mr. and Mrs. M. M. Reiman, Planada, Calif.

Czar, Alta., Canada, Jan. 22, 1934.

Dear Mr. and Mrs. Reiman:

The Edmonton Show is over and as I promised to write you again, here I am. The old tom not only won Grand Championship in the Royal at Toronto but also Calgary and Edmonton.

Reiman Turkey Farms, Inc., Planada, Calif.

St. Paul, Minn., Jan. 23, 1934.

Dear Sirs:

Here are my recent winnings on stock produced from eggs purchased from you last spring. At the Minnesota State Show at Minneapolis last week I entered 10 young toms and placed 1 to 10 inclusive in class of 39. Entered 10 young hens, and placed 1 to 7 and 9 to 10. I am enclosing check for \$100 deposit on 1000 eggs this spring.

New 1934 Mating List Free.

REIMAN TURKEY FARMS, Inc.

M. M. REIMAN

Box J

PLANADA, CALIF.

AUGUST AND SEPTEMBER ISSUES COMBINED

As done last year, **THE AMERICAN TURKEY JOURNAL** will combine the issue formerly mailed on August 1st with the September issue, the combined numbers going into the mails on September 1st.

This action is in conformity with the existing conditions in the turkey industry and the general trend in poultry publications during the present period of low prices.

Many plans are now in formation for elaborate improvements in **THE AMERICAN TURKEY JOURNAL** during the coming season and our many friends and subscribers will find **THE JOURNAL** constantly to the fore in everything that will further their interests.

SOME NOTES ON FEATHER PICKING

From a letter by Irving Jensen we quote:—"I sure had a wonderful egg and poult business this spring. I sold all I could spare and then some, at good prices. Have received some fine reports from customers. I have between 400 and 500 pedigreed poults well started and they are doing fine."—Regarding feather picking, Irving says,—"I had a group of poults start feather picking about a week ago. I gave them an open hopper with pure meat scraps and they seem to have stopped the habit. Last season when they started feather picking I changed from dry to wet mash, and it checked the picking a whole lot." We will later have an article from Mr. Jensen telling about his trapnest experience for the season. We are sure it will be interesting.



I noticed an invitation in the June issue to discuss the probable cause of feather picking among turkeys and what to do to prevent it.

I have raised turkeys a few years and my first venture was on a rather small scale, just 45 birds they were incubator hatched and brooded in a brooder house but no attempt to feathepick was shown by them. Every year since I have been increasing the number and I also have had plenty of featherpicking.

My opinion is that our birds are too crowded, we try to raise too many and keep too many together in one flock. It helps a little to separate the toms and hens, as it seems as if the hens start the trouble when the toms begin to strut. I tried this last year and saved about 80 toms or rather the plumage of 80 toms which I sold for breeders during the fall and winter.

Inasmuch as no trouble is experienced when hens do the brooding and the broods are relatively small I believe the best remedy is the separation of the sexes as soon as it can be done and divide up in small

flocks. For market purposes it may not make so much difference although they don't seem to do as well when this habit gets a foothold among them.

I am certainly interested in this question and will be looking forward to what older experienced breeders have to say on the subject.

O. K. HAUGEN,
Portland, N. Dak.

Manitoba "Turkey News"

"Monthly Turkey News" is a mimeographed sheet issued monthly by the Manitoba Turkey Breeders Association, with Prof. M. C. Herner, Secretary, as editor. It always contains valuable information for the turkey growers of the north and elsewhere, and especially for the members of the Manitoba Association.

The June issue of the "NEWS" lists five "Turkey Field Days" to be held at different points in the province between June 25th and 29th and gives a list of topics to be discussed pertinent to turkey raising. This is good work and we commend the progressiveness of our northern neighbors. Mr. John Windover, of Brandon, is the Association President and the speakers at the meetings are to be: Prof. Herner, Mr. John C. Scholes and A. C. McCulloch.

In answering the questions concerning the desired weights for market turkeys and the advisability of making crosses to obtain same, Prof. Herner has the following to say in the News:— The question of weight in market turkeys is still a live topic, and is a question that cannot be settled by discussion or argument. There is no doubt that the demand will swing back to the heavier weight birds stronger than it is today, and in our opinion. it would seem wise not to depart from the old lines too quickly and strike out into a new field we know very little about. The trade will swing a great deal quicker than breeders can change, and it would be a sad day for

the pure-bred turkey industry if we were to "clutter up" this country with a lot of cross-bred turkeys. We believe there is a merit in cross-breeding with a definite objective in mind, but we would not like to see our breeders undertake it as a definite part of their programme in producing market turkeys. Rather would we prefer to see emphasis placed on better breeding and better methods of feeding and improvement in fattening for market. Breeds and breeding have become standardized and while crossing one breed with another may give us what we want in a market bird as a temporary proposition, still if the practice were to become general, we would in a few years' time have nothing more than a lot of mongrel turkeys in the country.

NOTES AND COMMENT

The weeds are growing rapidly in spite of drought and hot weather and quitting the hoe to prepare copy for the Journal is, as Mrs. Janda says, "like getting ready to go to the dentist", but at the same time it causes many pleasant reflections and speculations concerning what our turkey-raising friends may be doing from day-to-day during this extremely busy season. We are always interested in them.

Recent Callers at Bonnie Dee Acres

On Sunday, June 17th we were delighted to have as callers, Mrs. H. E. Cosby and son Joe, of Corvallis, Oregon, enroute to Indiana to visit relatives. Mr. Cosby has been Extension Poultryman for the state of Oregon for the past fifteen years and has done some excellent work in that state in advancing turkey raising, having had direction of experimental work that brought out valuable information regarding turkey management under the confinement method.

Mr. Cosby was associated with the writer working in Missouri during the Emergency Poultry Campaign during the war, and his ability and thoroughness marked him as one of the very best extension men engaged in that work. His record in Ore-

gon has appeared to be equally good.

We also had the pleasure of entertaining Wallace Jerome and his sister Amey when the latter came to Minneapolis to enter the summer short course for teachers at the University of Minnesota. We took them on a 20 mile trip over part of the trail "By the Waters of Minnetonka" and they were delighted with the scenic beauty of this far-famed district.

Another caller from South Dakota, who came out to meet us during the great Shrine convention in Minneapolis, was Mr. Claude E. Stockwell, Yankton, who is interested in a large flock of carefully bred wild turkey in western South Dakota. This was our first opportunity of meeting Mr. Stockwell but we shall be glad to keep in touch with him and his project with Wild Turkeys.

DOMES WHITE HOLLANDS

World's Largest Champion Breeding Flock.
June eggs 15c each in setting lots, \$10.00 per 100, prepaid.

Day Old Poults \$40.00 Per 100.

HENRY W. DOMES
RICKREALL, OREGON

WHAT IS Meat? Meal!

WHAT DOES IT DO?

Meat Meal is highly concentrated animal protein in its most digestible form.

By mixing Meat Meal with the grain you have on the farm, you get a feeding mash with all essential food elements, at the lowest possible price.

WRITE FOR DETAILS

No grain has enough protein. Meat Meal must be added to feed turkeys right.

Northern Grand Forks
Packing Co. Fargo

JENSEN'S QUALITY BRONZE

1934 MATINGS

PEN 1.—Headed by 2nd yearling Minneapolis, (Also 5th at All-American) 1934. Eggs, \$1.00 each or \$10.00 per dozen.

PEN 2.—Headed by 1st Adult at Minneapolis 1934, (Also Reserve Champ. of Show) Eggs, \$1.00 each or \$10.00 per dozen.

PEN 3.—Headed by 7th Young Tom at Northern States Turkey Show in class of 52. Eggs, 70c each or \$7.00 per dozen.

PEN 4.—Headed by a son of 1st Young Tom at Oakland, Oregon 1932. (This bird has not been shown yet.) Eggs, 70c each or \$7. per doz.

Every pen is scientifically mated with prize winners in each. Every bird A.P.A. Inspected, (AA) and (A) Grades Only. Every hen lays in a trapnest.

All eggs half price after April 20th.

Folder Free. Write

IRVING M. JENSEN AMERY
Wisconsin

OREGON GROWERS PRODUCING FINE BIRDS

By J. C. LEEDY

Manager Oregon Turkey Cooperatives, Inc.
Mr. and Mrs. Joseph Kupetz of Goshen,
Oregon, made a fine record at the North-



Joseph Kupetz, Goshen, Ore., and two of his prize-winning dressed birds shown at Northwestern Turkey Show, Oakland, Oregon.

western Turkey Show held at Oakland, Oregon, last December when they placed their eight entries in the first ten places.

In an outstanding exhibition of 344 entries, composed of Bronze, Narragansett, White Holland, Bourbon Red and Black turkeys, the eight Kupetz birds won the following prizes: Grand Champion of the Show; champion young tom of any breed; champion Bronze bird; 1st, 2nd 4th and 8th Bronze young tom; and 1st 6th, 7th and 10th Bronze young hen.

Mr. and Mrs. Kupetz have emphasized width of breast and plump, compact bodies, with moderately short legs in the selection of their turkeys for breeders, and now, after many years of painstaking work, have the desired type quite well fixed in their flock of 1500 turkeys being produced this year.

The accompanying picture shows Mr.

Kupetz, a six foot, 200 pound man, holding two of his perfectly dressed young Bronze toms, that weighed 34 to 36 pounds, respectively, when killed last January at the age of seven months.

A large percentage of the Kupetz turkeys are placed in the "Special" and "Prime" grades when sold at market time through the Oregon Turkey Growers, the producers' local cooperative organization operating in Western Oregon and affiliated with the Oregon Turkey Cooperatives, Inc. and the Northwestern Turkey Growers Association.

QUESTIONS ANSWERED

Mrs. Elva M. Klein, Holly Colorado, asks: How to put the poults to bed and make them "stay put": On one large turkey farm where many thousands of poults are raised each season they avoid this trouble entirely just by hanging a lantern directly over the hover for the first few nights. This throws the light all the way around the outer edge of the hover and the babies will form a circle at the edge of it and stay there contentedly. The light need burn only dimly and need be used only a few nights. Easy and effective.



Three of our readers have asked about cause and remedy for "Leg Weakness" or poults going down, able to walk only on hock joints which are enlarged.—This trouble is generally known as "rickets" and may be due to different causes, the most common of which is lack of vitamin D in the ration. Vitamin D is supplied by direct sunshine therefore we find but little of this trouble in the later hatched poults; but in the early hatches, which have to be confined too long indoors without direct sunshine, sometimes too crowded and without sufficient green feed, this trouble is quite common. Too little mineral in the feed, or too much mineral material of the wrong kind may also contribute to this trouble. When this trouble appears it is well to give the whole brood a purging with epsom salts, clean up thoroughly afterward or remove to fresh ground. The amount of epsom salts to give depends on age of poults. If under 8 weeks of age six ounces to the 100 poults, from 8 to 12 weeks 8 to 12 ounces per 100. Even if your poults appear to be perfectly well a purging once or twice a month is beneficial. Treatment:—add codliver oil to the mash at the rate of 2 lbs. per hundred weight of mash, give all the tender green feed they will consume and ample room for exercise. Separate the ailing birds from the flock until they overcome the trouble.

Many Attend Annual Picnic

Turkey Hen Club of All-American Turkey Show Hold 4th Annual Picnic at Grand Forks, N. D., July 8th. Big Attendance and Fine Time Reported By All.

Drought, and grasshoppers, and the AAA, and all the many other problems that beset the farmer these days meant nothing to the great crowd of turkey folks who journeyed to Grand Forks, N. Dak., on Sunday, July 8th to take part in the 4th annual picnic of the Turkey Hen Club, of the All-American Turkey Show.

The weather man was kind and the day dawned promising good weather for this great annual summer event among the turkey clans. They started arriving at noon and by two o'clock more than 130 had gathered at the beautiful picnic spot in Riverside Park at Grand Forks.

Enthusiasm ran high as the visitors met and renewed acquaintances, and many had not seen each other since the annual show in January. It was good to see the great spirit of neighborliness existing between these turkey folks, many of whom live hundreds of miles apart and who see each other but twice each year at these two great turkey events.

Mrs. Eddie, president of the Hen Club, was among the first to arrive and soon she was busy supervising the unpacking of the great loads of grand food brought by the Hen Club members. Coffee, cream and sugar were provided by the All-American Show association. It certainly was a feast to see the great picnic tables simply groaning under their loads of good food and at the end late in the evening when all were departing it seemed as though there was just as much left over.

Greatly missed at this gathering was the presence of George W. Hackett, of Wayzata, Minn., manager of the All-American Show and nationally known wherever turkeys are grown. Judge Hackett was unable to be present and he was asked after constantly during the day. A telegram of

greeting was dispatched to him by the assembled growers.

Directors Meet

During the afternoon an informal meeting of the Board of Directors of the All-American was held and numerous plans for a "bigger and even better" 12th annual American Show next January were discussed. The Board unanimously voted to hold the show as usual and heard financial reports on the 1934 show which indicated a complete financial success with all bills paid and reserves still intact. Numerous new features were given thorough discussion and undoubtedly next year's show will indicate the constant progress every All-American has shown to date.

University Band Plays

A greatly enjoyed feature of this year's picnic was the appearance of the University of North Dakota Concert Band, secured through the courtesy of Director John Howard. The band appeared at 12:30 and gave a half hour concert for the exclusive benefit of the picnickers, after which they put away their instruments and sat down and enjoyed the feast. The Hen Club greatly appreciated this gesture of friendship and cooperation on the part of Mr. Howard and his band and their concert was thoroughly enjoyed.

Prominent Growers Present

Among the well-known growers in attendance were: Mrs. William Eddie and daughter Jean, Northwood; Mr. and Mrs. Frank Bellamy, Drayton; Mr. and Mrs. Mack Burnett, Cummings; Mr. and Mrs. W. J. Janda and Robert, St. Hilaire; Mr. and Mrs. Thos. Haney, Ardith, Thos and Maurice, of Thief River Falls; Mr. and Mrs. John O. Allen and Lloyd, Radium; Alfred Malmberg, Crookston; Mr. and Mrs. Ward Claney, and Barbara, Stephen.

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the year 'round

For your protection we
are licensed and bonded in
North and South Dakota,
Minnesota and New York.

A. STEIN & CO.

Enjoy the high prices paid on the famous Fort Greene Market, Brooklyn, where quality commands the best returns.

**FRESH BROILERS FOWLS CAPONS
SMALL HEN TURKEYS**

are always in good demand. Ship your dressed poultry to A. STEIN & CO. where you get fair grading, prompt and sure returns. We charge but 5% for our services.

A TRIAL WILL CONVINCING YOU

EXPRESS RATES have been reduced in Minnesota, North Dakota, South Dakota, Wisconsin, Iowa, Kansas, Nebraska, Oklahoma, and many eastern states.

163 Fort Greene Place, Brooklyn, New York

Others from North Dakota were: H. G. Link, Niagara; Mr. and Mrs. Clair Ralston, Crystal; Mr. and Mrs. A. Swenson, Gilby; Marie Johnson, Fargo; Mr. and Mrs. H. B. Olin, Mr. and Mrs. Frank Ralston, Crystal; Mr. and Mrs. Ray Vosper, Neche, Mr. and Mrs. Godfrey Morris, Neche; Mr. and Mrs. John Browell, Emerado; M. J. Hanuser, Fargo.

Minnesotans included: Alice Karlenzig, Mr. and Mrs. Carl Larson and Everett, Mr. and Mrs. Carl Thompson, Mr. and Mrs. Bell Nelson, all of East Grand Forks; Mr. and Mrs. Harry Cook, Middle River; Mr. and Mrs. J. B. Kelleher, Georgetown; Mrs. Bell Orff, Glyndon; Mrs. E. D. Grant, Glyndon; Florence Carlson, Beltrami; Mrs. E. G. Law, Beltrami; Dr. J. C. Haney, Thief River Falls; Mrs. Geo. Parr, Argyle; Mr. and Mrs. A. J. Rutowski, Marie and Jean, Climax; Mr. and Mrs. Louis Vavrina, Dan Filipi, Angus; Chris Franken, Minneapolis; Fern and Canton Bergstrom, Radium; Vera Rud, Stephen.

Others were: from Grand Forks, Mr. and Mrs. William Huggins, Mrs. H. J. Skelly, J. W. Berg, Mr. and Mrs. Dyke Page and Punkie Page, Mr. and Mrs. J. C. Sherlock, William R. Page, A. I. Hunter, Mr. and Mrs. W. W. Blain, H. H. Herberger, Ruth Brown, Bill Allen, Richard and Jack Blain, Perry Finch, Mr. and Mrs. Prentice Johnson. Mr. and Mrs. Leo Haney, Donald and Billie, Los Angeles; Mrs. G. F. Dalton, and Virginia, Thief River Falls; John M. Kelleher, Stanford, Mont.; and Roland Best, Winnipeg.

PICNIC HIGHLIGHTS

Last year Secretary Bill Blain noted how ravenously some of the turkey folks took out after watermelon. This year the word was passed around among the Grand Forks directors of the show the day before with the result that a number of fine, ice cold watermelons were on hand and everybody got all they could eat. These melons were presented with the compliments of: Harold Herberger, Bill Blain, Dyke Page, A. I. Hunter, Vic Cranley.

When the picnic started there seemed to

EGGS AND POULTS

from
QUALITY BRONZE
A. P. A. Inspected

Winners at Leading Shows.

Write for Folder.

CLEVE ANGEN, Garfield
Minn.

be enough ice cream on hand for a regiment of infantry. But after the smoke cleared away about five P. M. the last dish went the way of all good ice cream and the truck man had nothing but empties to take back. As usual this year the ice cream was complimentary of the Red River Produce Company, of Grand Forks, through the kindness of Claude Sipple, president, a gesture that was highly appreciated by all the assembled turkey folks.

John Howard and his university band group got a big kick out of playing for, and later, mingling with, the turkey folks. The band personnel was made up of members of the Summer Session band group and rendered a number of good peppy band selections in fine style. They were good eaters too.

Mr. and Mrs. Ray Andrews, of Petersburg, N. D., were greatly missed at the picnic, this being the first one they have not attended so far. No word was received as to the reason of their absence but presume it was because of the press of farm business.

As usual many of the visitors brought bathing suits and enjoyed the splendid facilities of the Riverside Park swimming pool. It was a handy way to cool off and much enjoyed, especially by the children.

There was much roast turkey on the tables, all of them fine, toothsome, tasty birds, and further proof that turkeys can be served to advantage the year around. If the turkey growers of the country can ever combine to stage a real campaign of turkey consumption every month in the year the markets will consume twice as much as at present. The orange and raisin growers increased the consumption of their product a hundred-fold by just such a program of public education.

Another turkey minded couple greatly missed at the picnic was Mr. and Mrs. J. D. McCaffery, of Pembina, N. Dak. "Mac's" absence was partially explained by a telegram he sent to Secretary Blain at the picnic grounds which read: "Kindest regards to turkey picnic folks. No place for a guy on a diet." It is fervently hoped that this is the only picnic Mac will miss for a long time and the next time he puts in his appearance that his eating apparatus won't have to shy away from all the fine provender he will find laid out for consumption.

THE HEN CLUB REPORTS ALSO

By MRS. JOHN O. ALLEN,
Secretary Turkey Hen Club, Radium, Minn.
Sunday, July 8, has come and gone. To a number of people, this may have been just another day, but to the great clan of

turkey fanciers the annual picnic is a red letter day. It comes at the time of year when we can leave our birds with the instruction: "If we're not back early, just go to roost."

In spite of threatening clouds in the morning all roads led to Grand Forks and the beautiful Riverside Park entertained a very happy and enthusiastic crowd. Here we met old friends and new, and the circle is always growing. There was a general disappointment at the absence of Judge Hackett, who could not be present at this gathering. We will look for Mrs. Hackett to accompany him next time to make up for this. There were a few more empty chairs caused by the absence of members who, for different reasons, were unable to be with us, but we shall expect them next time. Mr. McCafferey sent his message of regrets. We are glad to report that Mac is recovering nicely from his recent illness, but he decided such a feast was too much for a man on a diet. For who could diet on such a dinner! The table seemed a mile long, loaded with good eats that make your mouth water and your heart thankful. There is no such word as depression here. We may talk of our hard times but to join such a feast as the All-American picnic dinner is a fortune in itself.

During the afternoon the show committee met with Mr. C. D. Page, President of the All-American show, to talk over preliminary work for the coming show. Others gossiped in groups. Everyone was interested to hear how others had managed through the long, dusty, spring and how the turkey flocks were coming. For we are comrades as only they can be who have gone through this same trying and fascinating experience of raising turkeys in a northern climate. Oh! we quite often feel discouraged but the turkey game is too interesting and we come "smilin' thru." Another good point in this game of ours is that no matter how keen the competition at shows and else where, we find among turkey folks some of our best friends.

We had the pleasure of the presence of Mr. John Sholes, Extension poultryman of C. C. Winnipeg. He was accompanied by

JOHNSON'S BRONZE

From Willow Grove Farm

Have made notable winnings in the leading shows. We breed market type of show quality. All Birds A. P. A. Inspected and carefully mated.

Mr. and Mrs. Al. C. Johnson
BATH SOUTH DAKOTA

Miss Dodge, also of Winnipeg.

Providence truly smiled on us when Grand Forks was selected as the home of the All-American Turkey Show. Where else could we meet with such cooperation and congenial good-fellowship as is shown us on every occasion? Grand Forks literally gives us the key to their beautiful Riverside Park. From the welcome until the time to say goodbye we are all one happy family of city and country cousins.

The tables were ready, covered with heavy white crepe paper. How easy then to spread the dishes and food. The coffee was served by the Commercial Club; ice cream was provided through the generosity of Mr. Sipple of the Red River Produce Co. and an abundance of watermelon served during the afternoon was donated by individuals. Mr. Herberger seemed to be manager of this department, and proved himself a real Summer Santa Claus. Junior Page was right on the job passing ice cream and seeing that everyone was served. Such a gallant Page! We all so thoroughly enjoyed the generosity of Director John Howard and his University of North Dakota Band, who favored us with a splendid concert just for the picnickers! Further proof that we have real picnics out here.

Right now let us give a rising vote of thanks to Grand Forks and all its citizens who helped us celebrate our annual picnic and make it such a pleasant success.

MALMBERG'S BRONZE

Hardy Northern Stock

The hardy Northwestern climate produces the finest kind of premium turkey meat. And it produces the healthiest, most vigorous turkeys to be found anywhere. This fine, strong stock can do wonders for your flocks if they are run down.

1934 ALL-AMERICAN WINNINGS

11th Yearling Tom
6th Adult Hen
8th Young Hen
1st Old Pen
6th Young Pen
Sweepstakes Pen

No one will make you a better price for the same quality. Write me today and tell me what you need.

Alfred Malmberg

Route 1 Crookston, Minn.

HOLLY TURKEY ASSOCIATION NEWS

By MRS. ELVA M. KLEIN

Secretary-Treasurer, Holly, Colorado

Mr. Ufford of Fort Collins spent a day with us demonstrating the caponizing of chickens. He will return in July and caponize some poults for us. We intend to test out the market for turkey capons next winter. The best time to caponize poults is when they weigh about three pounds. There are a lot of chicken capons in our community this year. We believe we will have a larger shipment next winter and spring than we had the past season.

The turkey crop seems to be coming along very well in general. Occasionally we hear some hard luck stories. Personally I wish some one would write an article in our good magazine telling how to put the brooder house turkeys to bed and make them "stay put". I have an unusually rebellious bunch this year. It takes time and a lot of patience in the roosting room each night to persuade them not to pile 50 or 60 in a bed in one corner of the room. The drouth is cutting short our prospects for a good feed crop this fall and we will have to use ingenuity to be able to finish the birds out in good shape. Some sections report hordes of grasshoppers but in this vicinity where we have been raising turkeys for several years they are practically unknown.

We are having another live poultry market next Thursday. Indications are that we will send several thousand pounds to market then. In comparing the prices we are receiving this month with those we received a year ago we find the market is working upward. Let us hope that we can soon be leaving the depression behind us and that we may be receiving at least fair returns for our poultry.

Mrs. Elva M. Klein, Secretary.

NOTES AND COMMENT

CROOKSTON SHOWS REVAMPED

The Poultry Section of the Red River Winter Shows, held annually at Crookston, Minn. have made some changes in management, looking to the greater possibilities that may be developed in this important event. For more than 25 years, Mr. John Saugstad has been secretary-treasurer, and managing director of the Northwestern Minnesota Poultry Association, and under his able management the show has carried on in a most creditable manner, under varied and sometimes discouraging conditions, but always with the assurance of a square deal to exhibitors and full payment of prizes. His services have been invaluable to the poultry industry of Northwestern Minnesota. Now Mr. Saugstad has become Secretary-Manager for the Winter Shows as a whole and Mr. Harold Thompforde has been chosen secretary to succeed Mr. Saugstad. Mr. Thompforde is a well known breeder of Anconas and Bantams and is at present secretary of the National Ancona Club. He is a young man of ability and enthusiasm and will make good in his new office. Mr. Darrell Morland is superintendent.

BIGGER TURKEY SHOW PROMISED

Under the new management it is proposed to give more prominence to the Turkey Division of the show and Mr. Alfred Malmberg has been named as superintendent of this department. Alfred's long experience as one of our dependable floor men at the All-American Turkey Show, well qualifies him for handling this department at the Red River Shows and we are sure that exhibitors will gladly consign their entries here knowing they will be well taken care of by Mr. Malmberg.

Dates for the show have not yet been announced but will be published in the Journal in due time.

GRANT'S MAMMOTH BRONZE

Rich in the blood of the world's most famous flocks. Have been bred at Glyndon farms for many years. Carefully selected for type, size and standard color. My winnings for the past three years at the All-American Turkey Show and at other leading northwest shows proves the progress we have made. My birds are all A. P. A. Inspected and I offer a fine lot of "A" & "AA" toms and hens at depression prices. Write me your wants. I guarantee satisfaction.

Mrs. Wilhelmine Grant

GLYNDON
MINNESOTA



BLACKHEAD

has been successfully cured with the acid and ipecac treatment by hundreds of

WILLIAMS TURKEY TONIC

customers for the last seven years.

1 Gallon \$10.00 Quart \$2.75
Pint \$1.75

WILLIAMS TURKEY TONIC CO.
MONTICELLO ILLINOIS

North Dakota Turkey Improvement Ass'n

By A. VAN OOSTING

Dear Reader:

How's your turkeys? I hope they are doing fine, and that you had good hatches, but if you haven't, don't feel too blue as I know of a few others that did not get all the turkeys they had hoped for. Myself, for instance. I had 400 eggs in one incubator and for some unknown reason it got to smoking and went out and the next morning the eggs were stone cold, of course I started it and had a small hatch but should have had at least 250 poults more than I had.

So if you feel you are getting all the hard luck cheer up, as Mrs. Lovig says she was informed that the average hatch in the U. S. this year was about 35 per cent, so you see if this is so, our prices should be much better next fall and we should make more than if we all had twice as many poults.

Here are more new members, five in number, sent in by Mrs. Lars Lovig, Pres.: J. F. Keenan, E. L. Rogers; J. H. Dougherty; Nels Peterson and L. W. Staffon, all of Minot and the Armour Creameries. Mr. J. F. Keenan who is manager is a very strong booster for the All State Turkey Show.

Well it looks like a big year for Narragansetts at The All-State Show at Minot this year as a large number of that popular breed are planning on making this their big show. I wish that the breeders of Narragansetts would write in so I could use it in my report. And I would just like to see a large turn out of Narragansetts as we have not had enough of this fine breed. Also breeders of Reds, Blacks or Slates, lets hear from you, and what you are doing with your fine birds this year.

Boy, but these last two weeks have made everyone feel much better and it looks as though we will have hay and corn which is the main thing in this western country, as the corn will feed our turkeys and the hay our cows. If there is no small grain we will get by. We have had two nice rains bringing around 4 inches of precipitation.

And here is a part of a letter from Mrs. Birk, our Vice President, and a raiser of fine Bronze:

How-do Mr. Reporter:—

How are the turkeys coming? I am having real good luck with mine raising them left-handed. I have over 200. Had better than 75 per cent hatches, and have not lost a one yet. They all had their first dose of worm medicine, and are on their roosts every night and are chasing grasshopper all day.

I keep the commercial mash before them all the time and lots of clean fresh water, and how they grow. Don't think I ever had a stronger or nicer bunch before. I only kept 12 hens. Too much work, getting lazy I guess".

No, I don't think one can call that lazy Mrs. Birk and I think that a good mark for a lot of us to shoot at, to raise 200 from 12 hens and left handed at that. I suppose your little turkeys eat left-handed too.

Well we must have a little joke and I sure am glad to hear that your injured arm is improving, and that your turks are doing so well. I know we will have to be up on our toes if we are to win at The All-State Show.

Well, so long,

A van Oosting

NARRAGANSETT CLUB NOTES

After a month's vacation from my notes will make an effort to put in a line or two, altho I have nothing of real interest at hand.

Last month I failed to write up any notes as I had so many irons in the fire I just couldn't find room for one more. I have been expecting some letters from some of you Narragansett breeders telling about your new turkey crop, but if you have had as poor success hatching as I have I know you do not care to think about it much less write about it.

My eggs did not hatch well and consequently my flock will be less than 100 this year. Am keeping over more hens for next year and try to make up for this year's loss. My turkey money came in faster this past year than my fondest expectations, but can't expect to repeat that every year. Am looking forward to another prosperous year next year. If I can raise some good show birds this year I will be content. I have a brand new Chevrolet to

SADIE'S BOURBONS

Their superior type, deep red glossy coloring and lovely white markings have placed them in the front ranks of larger exclusive turkey shows. If size is what you want, along with other high qualities mentioned, I shall be glad to answer your inquires for orders, both for—

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FROM PEDIGREED BREEDING STOCK
EGGS Fertility Guaranteed 100%
Mar. 50c each; Apr. 40c; May 30c; June 20c
POULTS: Live delivery guaranteed, twice the price of eggs.

SADIE B. CALDWELL
Broughton, Kansas

show for my last year's work. Every one calls it my turkey car.

I received a short note from Mrs. Duncan of Foss, Okla. She writes that it has been too damp there for turkeys this year. We cannot complain of that up here.

I made a hasty trip to Cavalier yesterday and of course while there I thought of some of my turkey friends in that vicinity. I called Mrs. Morris of Neche and had a chat. She is not having such good luck with her turkeys this year, as usual. She expects to be with us at the Hen Club Picnic at Grand Forks.

Have had no response to my appeal for for new members. Let us all try to keep our organization active and to do must our organization active and to do so must time to get busy as our work is easing up a bit and possibly can find time to look about for new members.

This vicinity reports a big loss among their poults. They are dying by the dozen. I have not had any losses yet but never know when the time may come. There seems to be no apparent reason but they just drop off without warning.

I hope to see you all again at the picnic grounds in Grand Forks, July 8th. Please don't let another month slip by without writing me something about your turkey troubles or your turkey successes.

Mrs. WILLIAM EDDIE, Secretary.

NORTHERN STATES TURKEY SHOW ANNOUNCES DATES

The next annual Northern States Turkey show will be held in connection with the Douglas County Poultry show, at Alexandria, Minn. Dec. 5-6-7-8, with George W. Hackett, judge. Judge Frank Cross will judge the poultry division and assist with the turkeys if necessary.

At the association's annual meeting, Mr. Christ Fiskness was again elected president and Emil Johnson, Vice President.

New members elected on the board of Directors were: Mr. Martin Ellingson, Evansville, and Mr. Alfred Foslein, Garfield, both turkey breeders of note, and further guarantees of another turkey exhibit for Alexandria in December. Mr. H. M. Hanson, who has served the association so well, as secretary-treasurer for the past two years will again serve in that capacity.



The six weeks old, Willow Grove poults shown above, show the sturdy quality and good growth always found in Mr. and Mrs. Al. C. Johnson's birds. In a recent letter they write: "The terrible drouth has taken about everything else, but the turkeys are still fine. We have about 400 of the best quality poults we have ever raised and we are banking our all on them. They have never failed us yet."

**First Master Breeder's Display
Champion Bronze
Grand Champion
1st Young Bronze Pen**

are 4 of 27 awards we won at the Worlds Fair Turkey Show, Chicago

Just received word from a South Dakota customer that from ten eggs purchased from us ten nice poults hatched.

A letter from one of the largest wholesale buyers in Los Angeles who bought several hundred of our turkeys in January, states: "They are the best turkeys that come on our market. We will not hesitate to tell buyers that Shelton turkeys are as good market birds as can be found."

Quoting from "Monthly Turkey News" edited by Judge M. C. Herner, University of Manitoba, Winnipeg. In speaking of the quality of birds shown at the Century of Progress in Chicago he says, "Shelton's showed the six finest yearling bronze toms that I have ever seen at any show."

Mr. and Mrs. O. J. Shelton
Box 555A POMONA, CALIF.

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By BERT McKEEHAN

Many years of careful breeding have produced in our stock all the characteristics you are looking for if you want to make money raising turkeys. Market type, egg-laying ability and vigor are all here and in generous quantity. Correspondence solicited.

STOCK AND EGGS

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The American Turkey Journal



GEORGE W. HACKETT, Editor, Wayzata, Minnesota.

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



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FEATHER PICKING

Feather picking amongst turkeys is a vicious habit that needs serious consideration at this season of the year. Nothing is more disgusting or disheartening than to see an otherwise beautiful flock of growing turkeys partially denuded of their beautiful plumage. Regarding the cause many theories have been advanced and many suggestions have been offered to overcome it but most of these have failed to work out under varying conditions.

We had hoped to received several letters discussing this topic in this issue, for we know that many of our turkey friends could offer further suggestions that would be valuable to our readers. but it has been too hot and too dry for turkey folk to do much with the pen or typewriter, other than to take care of their own business correspondence, and Mr. Jensen and Mr. Hagen as stated in "Notes and Comments" were the only ones to respond to our request.

From experience, observation, and careful study, we are convinced that feather picking is a HABIT; the result of intensified methods of management and the grouping of large numbers together, and very seldom induced thru any lack of balance in the ration. The feeding of dry mash, which causes the beak to become clogged, is invariably the beginning of the trouble. Turkeys wipe their beaks on the feathers of their mates and in doing so some of the mash adheres to the feathers and this is later picked off by others in the flock and part of the feather is clipped off with it. Sometimes a new growth feather is pulled out and the soft bloody base of the quill pleased the appetite and induces a further attempt to pull more feathers and the habit is formed and goes thru the flock in whirlwind fashion. If we are right in the foregoing conclusions, the crux of the matter lies in preventing the mash from sticking to the bird's beaks, or in providing means whereby the bird can rid the beak of the mash without resorting to the feathers of its flock mates. In our travels we have seen several different methods tried out with more or less success but have seen the same plans fail in other cases where they were applied promptly, before the habit became established.

Among the methods employed to prevent the habit we have found: wires stretched over the troughs or hoppers, frames of woven wire placed near the feeders convenient for the birds to clean their beaks on, corn fodder bundles used for the same purpose; water fountains placed near the feeders, and in one case the waterers were placed some distance from the feeders under the theory that the birds would go direct from feeder to waterer and not be in close proximity to other birds until they had eliminated the sticky mash with the water. As is mentioned by Mr. Jensen,

some have supplied open hoppers of pure meat scraps under the belief that more animal protein was needed by the birds, but it is our opinion that the use of the meat scrap accomplished the elimination of the mash if it lessened the trouble. We know of some cases where this has been tried without success, probably due to longer standing of the habit or difference in the granulation of the scraps.

The question of discontinuing the feeding of mash as soon as the first signs of feather picking appears, has been discussed generally, but to do this brings up the question of providing sufficient protein, minerals, etc., as the birds must have these if rapid growth and development is to be had. It seems probable that the feeding of mash in pellet form may be the final answer. We have tried and it worked in our case, But turkey pellets are yet in the experimental stage, or at least are not readily available at a price that would make their use satisfactory. We look for developments in this product if times ever get back to normal.

Two years ago, in a flock of a little less than 100 growing birds on our own place, we took the dry mash away from the birds as soon as we saw the first sign of feather picking, feeding only the whole grain in the troughs and once a day, gave a short feed of wet mash, high in protein, mineral, etc. The trouble stopped at once and the plan was continued all fall. This plan makes more work but on a flock of high-class birds the results amply repay.

The feather pulling habit often develops in the breeding pen, and in such cases it is advanced by the hens which acquired the habit during the previous season. In such cases we find that trimming the beak, sides and end at the lower mandible, with a sharp knife will generally stop the trouble. Young toms to be held over as breeders and show birds can be separated from the main flock early and their feeding program changed, largely to whole grain, and feather picking controlled. If these birds can have a large run, preferably in shrubbery or shaded grove, all the better. The sale of one extra bird for show purposes or as a high-class breeder, will pay for a lot of extra trouble and bring great satisfaction.

We shall be glad to have a further discussion of this troublesome habit by our readers and will be glad to publish your views on the subject even if they conflict with ours.



THE DROUGHT AND TURKEYS

There is no question but that the extended drought hits everybody and everything but even under present conditions, nothing on the farms of the northwest will withstand conditions better than the turkey and we believe nothing can replace this American bird in profitable returns to the farmer throughout the drought section, and that is covering a wide territory. The turkey withstands the summer heat well when the cool nights bring comfort and rapid growth. The turkey will gather much of its sustenance from a range on which other stock would starve. It will consume less feed than other stock and is marketed in a highly concentrated form at a price several times that usually paid for other stock. All these things argue in favor of the turkey in times like these and is sure to enhance this "Queen of the Prairie" as an agricultural asset to the country.

From reports we have at hand, the breeding stock which went to market about June 1st to 15th brought better prices than a year ago, and with a probably smaller crop than last year, together with more purchasing power in industrial centers, we have reason to believe that prices this fall will more than make good the higher cost of feed for the present season. So turkey folks should not become discouraged. If turkeys wont pay, nothing will.



ALL-AMERICAN BRONZE TURKEY CLUB

MRS. W. J. JANDA, Secretary, St. Hilaire, Minnesota

WHO'S WHO

Rolla Henry, Mercer, Mo., raises bronze turkeys as a hobby during the vacation months. Otherwise teaching school is her profession. Her birds were shown at the American Royal and Missouri State Show at Kansas City in 1933. All birds entered were placed and also captured "Best Type" hen over all breeds.



I was pleased to receive the following club note for our club page from Rolla Henry, Mercer, Missouri:—"Why Bronze? They hold the "top roost" because of immense size, extremely beautiful color scheme, and ever growing demand, whether for table use or to strut proudly in the barnyard. For breeders competition is so keen at leading shows in "Bronze Classes" that it is more interesting to compete for honors. When competing for Grand Champion and Championship honors, bronze always devour the "lions share". Let us all boost our breed and raise better birds for 1934 shows.



We enjoyed a visit by Mr. and Mrs. Edward Youngren, Northcote, Minnesota, yesterday. They reported a very nice flock of Bronze poults raised under feather hovers and on screen floors. Mrs. Youngren said she would never raise turkeys any other way as it is so much easier to keep their pens clean. They lost only two poults from the lots raised this way.



The Minnesota Turkey Farm, Olivia, Minn., must be one of the busiest centers in Minnesota. A recent letter from Jerome Reiver states that they can't begin to supply the demand for poults. The Reiver brothers have certainly developed a fine business. Besides keeping a large flock of fine bronze hens and toms and raising their own turkeys, they buy poults for resale from good bronze flocks. They also have put in a large scalding plant at Olivia, and they deliver dressed turkeys in their own trucks to eastern markets. Most of their birds are sold at Philadelphia and New York. The firm consists of the four brothers, with Jerome as main turkey specialist. Mrs. Reiver, the mother, told me some years ago that he intended to take

up the study of medicine and surgery but the raising of bronze turkeys was more appealing.



Only two weeks until the picnic at Grand Forks. By the time this reaches you it will be an event of the past but I sincerely hope that we will all garner so much enthusiasm there that we will go home and start that drive for old and new memberships. I have written most of our old members for their renewal but haven't heard from any. Please send in your dues and tell to whom you want the renewals credited. Two A A Toms are being offered for prizes. One to the person getting the largest number of new members and the other to the one getting the most old and new memberships. The toms offered are from the Irving Jensen and Ray Andrews flocks. Dues are \$1.00 per year.

MRS. JANDA.

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Won Best Display at S. E. Colo. Poultry Show 1933-34. For 1934 also won best yr. tom, 4-5 cockerels, 1-4 hens, 1-3-5-6-8-10 pullets and all specials. Annual Ark. Valley Turkey Show, La Junta, Dec. '33 won 1st tom, 2nd hen, 1-3 pullets, 1st young pen. Sweepstakes Male and Female.

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Extra Special Mating headed by our Sweepstake tom. Ideal in type, sound plumage, a proven breeder.

Special Mating headed by our 4th cockerel. Outstanding in wing, pencilling and white edging. Good bronze.

No. 1 pen headed by our 5th cockerel. Outstanding in bronze, white edging, fluff on side. Good pencilling and wing.

Females for these toms were selected for best results.

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LOOK! BABY TURKEYS. MAMMOTH Bronze, Bourbon Red, Narragansett, and White Holland. Priced right. Also Eggs for hatching and fine Breeding Stock. Catalog free.—Nabob Poultry Farms, Box 44, Gambler, Ohio.

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VINCENNES

INDIANA

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