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# KANSAS FARMER AND MAIL & BREEZE

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Number 5



Hens Beat Cows in  
the Waltons' Profit  
Making Contest

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*Kansas Grows the Best Wheat in the World*



*It can not be done!*

## High Egg Production can not be had without Crushed Oyster Shell

**N**O matter what food formula you follow, or how careful you are in housing your fowls, large egg production is not possible if pure crushed oyster shell is not kept before your hens all the time.

The reason is simple—egg shells are made of calcium carbonate. Oyster Shell is a food not a grit.

Good food and pure water generously given will force more eggs, provided the elements to make the shell are also given. Otherwise the food goes into fat and a low egg production is had.

Pilot Brand Oyster Shell-Flake is the best and cheapest means of getting calcium carbonate to hens because it is over 98% calcium carbonate and is easily assimilated by fowl. The cost is but the price of one egg per year per hen.

Pilot Brand Oyster Shell-Flake for poultry is pure oyster shell crushed and screened to proper size, containing no grit—no dirt—no clam shells. Pilot Brand is always packed in new 100-lb. 12 oz. burlap bags.

Even well bred stock fed on a well balanced ration and pure water; given plenty of exercise and good housing will not give a profitable result without crushed oyster shell.

When buying oyster shell always demand Pilot Brand. It may cost you just a trifle more but is always cheaper because it is pure and properly sized.



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Sales Offices: Security Building, St. Louis, Mo.

## That Ended Blackhead

Nearly every woman in Gray county had a flock of turkeys and found it profitable, so when we moved to Riley county we brought 10 hens with us. My neighbor, admiring them, remarked that "I hope blackhead does not take them." She then recounted the ravages of that disease among her flock of newly grown turkeys several years before.

I recalled a magazine article entitled "Ipecac Checks Blackhead," which I had among some clippings, and I determined to watch my flock for the first symptoms.

The hens started to lay; some set and hatched; two left their nests. Bowel trouble characterized by bright yellow droppings, no appetite and excessive thirst, appeared. One mother and four other hens were very sick, eating nothing for about a week. All but one recovered, a remedy containing a large amount of permanganate of potash being effective. We supposed the excessive amount of corn they consumed was responsible for their sickness.

We have found dry bread moistened in sweet milk to be a good starter for young poults. For weeks we fed it to them from our hands. Often I sadly watched the dear little speckled turks and wondered if blackhead would take them from me.

They grew quickly, and when old enough were turned with their mothers to hunt insects. Grasshoppers were plentiful in alfalfa fields, and they cared little for grain, tho some cracked grain was given daily to encourage their return at night. We frequently had to search for them—once in a while without success.

But the number declined. One or two at a time seemed droopish, and sooner or later failed to return at night with the flock. Occasionally one was found dead in the morning. None had a black head. Some were kept up and treated for bowel trouble. Tho the droppings had the same yellow color and the young turks had the same symptoms as the hens that were sick in the spring, the same treatment did not seem to benefit the sick birds.

The early hatched ones were larger now, and mostly healthy looking, but usually there was one or more that followed the flock slowly, and did not seem well. One of these was taken to the poultry department of the college for examination. It was killed and the spotted liver told the trouble—blackhead! Our turkeys had been having it thru the season—and I had lost half the flock from it! I had expected it to appear in epidemic form with black heads to proclaim its existence.

We were given a bulletin on poultry diseases and special suggestions on the treatment and prevention of blackhead.

The sick birds were caught as soon as discovered and confined in a small yard. Every one was given from 5 to 12 drops of tincture of ipecac daily. About  $\frac{1}{4}$  teaspoonful of hydrochloric acid was given in every quart of drinking water. The birds drank freely but ate little. They were fed bread soaked in clabbered milk, and, as they improved, a mash we used for the hens was given once or twice a day, also moistened with clabber. I consider the clabber essential in the treatment.

The ipecac was given in a small part of the bread and clabber to those that would eat, and in a little water to those that refused feed.

As a preventive,  $\frac{1}{4}$  teaspoonful of powdered catechu was added to each gallon of water, and the well birds were confined every morning until they drank some of this. Several birds showed symptoms of blackhead after we began the preventive treatment, but perhaps they had been affected for some time.

We consider this treatment for blackhead a success. We lost but one large turkey after we started it, and three small ones. I believe most of the loss could have been prevented if we had known the cause at the start.

Mrs. Gussie D. Parshall.

Manhattan, Kan.

## What Pullets Think About

Pullets, if they may be considered to carry on mental processes, must give a lot of attention to what they eat, or don't eat. Most of them have all the corn and other fattening feeds they require or desire, but frequently they don't get all the protein they need.

J. H. McAdams, Kansas State Agri-

cultural College, suggests that kafir, sour milk and table scraps should provide a fairly well balanced ration for pullets, providing there is enough milk. He recommends at least 3 quarts for a dozen pullets. They should have in addition about 2 pounds of kafir if there are enough table scraps.

To supplement a lighter supply of milk, the pullets should have a dry mash consisting of such feeds as bran, shorts, ground oats, corn chop and beef scrap or tankage, which should be 20 per cent of the whole. This mash should be available at all hours. Where whole kafir is supplied it should be given in litter, especially in the morning, to encourage exercise.

Table scraps should be considered salvage. They should be used, but too much dependence cannot be placed in them else the birds may be underfed or the table inefficiently managed.

## How I Raise Geese

I have had good success with Toulouse geese. The breeding season begins about the first of February, and it is well to have them mated by that time, for the birds will be laying by the last of the month. I always mate one gander with two geese, and have had good success with the eggs being fertile.

It is best to have the stock at least 2 years old. Yearling stock will lay all right, but it seems that the little goslings are not so strong, and they need better care than those hatched from eggs from older birds. It is safe to keep breeding stock until the birds are 7 years old; they will be at their best when at 4 and 5 years.

An average goose will lay from 20 to 35 eggs before she is ready to sit. The first eggs can be placed under chicken hens. Six will be all a chicken can cover well. Four weeks are required for hatching—it is best to have them hatch about the middle of April. It is not so cold then as earlier, and there will be some green vegetation, which is important in their diet.

It is well to let the goose sit on the last eggs she lays, and when she comes off put all the goslings previously hatched under hens with her. She can take care of 15 at least if she has a warm shed with plenty of straw for bedding.

The goslings should have their first feed when 36 hours old—a little corn bread soaked in water so it will be sloppy, and with some onion tops cut up in it. Any of the commercial chick feeds are good, but always put them in water. Never give the goslings anything dry until they are several weeks old. They must have green stuff from the beginning. Supply them with tender alfalfa or green wheat, and it won't be long until they will leave the mash for the green feed.

Keep the goslings confined in a small pen until they are 2 or 3 weeks old. By that time they can get around easily, and will follow the mother without danger of getting lost in the grass. They can't stand getting wet, and must be placed under cover before showers come. I never feed them any grain after they are 2 or 3 weeks old. By that time they are ready to make their way entirely on grass and weeds.

They will be ready to pick about the middle of July, and should be picked every seven weeks until cold weather. We manage the picking intervals to have them full feathered for the Thanksgiving market. I have never failed to realize a profit from all the geese I have raised, and with mighty little care and feed. They don't have the many ailments that chicks are so subject to, and therefore require much less care.

Mrs. Howard Jeffries.  
Derby, Kan.

## The Laying Record

The egg production record for one year stands at 335, according to D. C. Warren, Kansas State Agricultural College. He further avers that among all the hens trap-nested every year, few, very few, pass 300. Therefore the man who offers eggs promiscuously from stock which produces that many ought to be mighty careful. Furthermore he ought to have some witnesses of good character to back up his statements in case they are questioned.

## Chicken Ban is Lifted

The quarantine prohibiting the movement of poultry into Kansas was lifted at 6 o'clock Monday night. It had been in force since December 23.



# Hens Beat Cows in the Waltons' Profit Making Contest

By M. N. Beeler

**B**EGINNING with the spring hatching season George H. Walton will become apprentice poultryman, assistant to Mrs. George, on their farm north of Holton. The promotion comes as a reward for having recognized the profit making abilities of farm hens in comparison with farm cows.

Mrs. George has needed a likely assistant the last two or three years, but George was too busy with his cows to notice. Besides chicken keeping always seemed more like a woman's job than a man's. He didn't scorn them. He just wasn't interested.

In the beginning Mrs. Walton's flock wasn't big enough to attract attention, and even she did not realize its possibilities. But when she doubled it the returns began to make an impression on the family income—and on her husband.

The Waltons are bookkeeping farmers. George kept account of his cows' performances, and Mrs. George watched the outgo and income from her flock. Recently they have been making comparisons. Mrs. Walton's hens have been making more money than his cows. She has been able to give only such attention to the poultry as was available from housework. He has been busy a good part of the day with his cows.

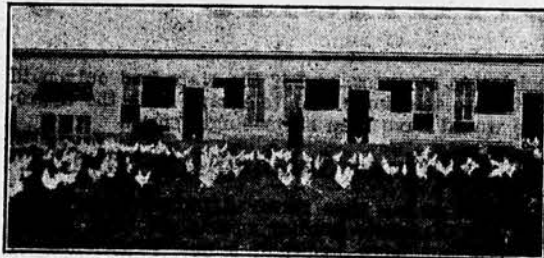
## But Chickens Got the Kafir

That's why he decided to become a partner in the poultry business—they compared the records. "My husband spends more than twice as much time with the cows as I do with the chickens. I have done all the work so far alone except the cleaning and he helps me with that. I usually am out of the chicken house and have the doors fastened by 6 o'clock, while he is at the barn until 8 o'clock and after every night. And the chickens beat his cows in profit making. Cows consume a great amount of feed. Everything raised on this place last year except 12 acres of kafir for the chickens, went to those cows. Now with him to help we can double the flock again and do even better than I did last year."

H. F. Tadge, Jackson county extension agent, supplied the summarized record for her flock during the calendar year. Monthly records are forwarded to the Kansas State Agricultural College for cost of production studies and for certified flock work. Mrs. Walton began the year with 940 birds and closed with 450 hens and 500 pullets. Her returns above feed cost were \$2,325.75 from an average of 839 birds, which gave a return above feed cost of \$2.77 a bird.

Mrs. Walton's White Leghorns are certified by the Kansas State Agricultural College under Class B. A portion of her receipts came from the sale

of hatching eggs and breeding stock, but most of them were derived from the sale of market eggs and birds. In September she sold a surplus of 400 hens to neighboring poultry keepers by advertising in the local paper. Her receipts for market eggs that month were \$279.77, and for the hens sold, \$250.63. In March market eggs brought \$193.44 and hatching eggs \$60.55. In April returns were \$186.18 for market and \$137.84 for hatching eggs. In May \$170.29 worth of market poultry was sold



Here's Part of the Walton Flock Which Bested the Holsteins in Contributions to the Family Income. The Birds Paid for the House in the Background



Only Fresh, Clean Eggs of Uniform Size and Color Go Into Mrs. Walton's Cases, Which are Stored in the Cool Cellar Until Shipping Day

and even then the market eggs, \$215.36, exceeded the combined sale of birds and hatching eggs. Her principal income, therefore, is from selling fresh eggs.

The hens are fed a scratch grain consisting of corn and kafir. Their dry mash is composed of 200 pounds bran, and 100 pounds each of shorts, cornmeal and beef scrap. They have water and grit at will.

From June 1 to December or January, approximately, her eggs are shipped to New York City in case lots by express. She watches the Eastern markets closely. When prices drop to a point where they will not justify shipments she sells the eggs locally. She has made up to \$8 a case more than she could have obtained from local dealers, but as a rule the price nets \$5.

"I have never lost a penny by shipping," said Mrs. Walton. "That is because I have watched the Eastern markets and because I have graded my eggs carefully. To receive top prices one must pack only fresh eggs of uniform color and size. They must be clean and possess 'bloom.' Occasionally I have a few eggs that are soiled. The spots are removed by rubbing with a little dry soda, which does not destroy the bloom. Eggs must not be washed because that destroys their luster and removes the protective deposit which prevents them from becoming stale."

## That's Good New York Money

"I pack the eggs well in standard cases. I put a pad in the bottom, one on the first three fillers and one on top. Then I nail the case securely. By tacking a shipping tag furnished by the commission company on the case and delivering it to the express office, my marketing is made just as easy as if I sold to the local dealer. After the first returns are received one does not notice the inconvenience of delayed receipts. Three to four days are required for the shipment to reach New York, and within a week my check is here. When I ship regularly, my money comes just as regularly as if I sold at home."

Mrs. Walton has two modern laying houses, brooder houses and other equipment which her hens have paid for. She uses the open front system of housing. During the recent cold weather she strung a wire about 12 inches below the rafters and hung a gunny-sack curtain in front of the roosts and droppings platform. The flock escaped with few frozen combs. Egg production dropped, but not so much as it did in many other commercial flocks where good care was not given. Her sales of eggs during December, which covered about half of the severest cold, totaled \$174.24, compared with \$159 in November.

# Is Your Chick Ration Wrong?

**A**RE the old standby chick rations all wrong? Are the formulas you have followed folly? Mebbe so, mebbe so. At least if a quartet of Wisconsin investigators are right, then you haven't been doing the right thing by your baby chicks. These men, E. B. Hart, H. Steenbock, J. G. Halpin and O. N. Johnson have been conducting some original researches into the compounding of baby chick rations and have developed a recipe which they contend meets all practical requirements. The ration is devoid of frills.

Their simple fare for baby chicks consists of 80 parts ground yellow corn, 20 parts wheat middlings, 5 parts raw bone, 5 parts pearl grits, 1 part common salt and skimmilk given freely. The ration is fed as a dry mash with the milk. Water is not allowed because they desire that the chicks consume liberal quantities of the skimmilk. No scratch feed and no green feed is provided. This ration has proved sufficient, except for prevention of leg weakness, for the needs of developing chicks.

## Three Pounds at 16 Weeks

These investigators taboo the old formula which requires that the chicks shall be fed "such and such a ration for so many days, when the ration must be changed for something else and finally the mature hen or cockerel must be subject of still another system of feeding." Well, if they've found something that will replace bringing the chick to maturity by rote, it will be gratefully received.

They have grown Barred Rocks under their system and on their ration to weights of  $\frac{3}{4}$  to 1 pound in 8 weeks; 1 to 2 pounds in 12 weeks; and 2 to 3 pounds in 16 weeks. And the chicks were put on the ration at 1 day old. After eight weeks it is necessary to take precautions against rickets or leg weakness. This is done by allowing the chicks to have direct sunlight, not thru glass, or by feeding them egg yolks or cod liver oil.

The corn in this ration provides heat and vitamin A. The wheat middlings and corn supply vitamin B. The grains and the skimmilk provide proteins. Mineral matter is supplied by the bone,

grits and by the other feeds. Plenty of bulk apparently is supplied by the seed coats of the grains. Thus the requirements of the chick body for growth and development are met by this ration except for the anti-rachitic factor, supplied by sunlight.

The investigators believe the ration is suitable for mature poultry. On this question they are quoted: "The essentials for growth also are the essentials for maintenance and production, whether it is the production of milk or eggs. The simple principles of nutrition applicable to the baby chick are equally

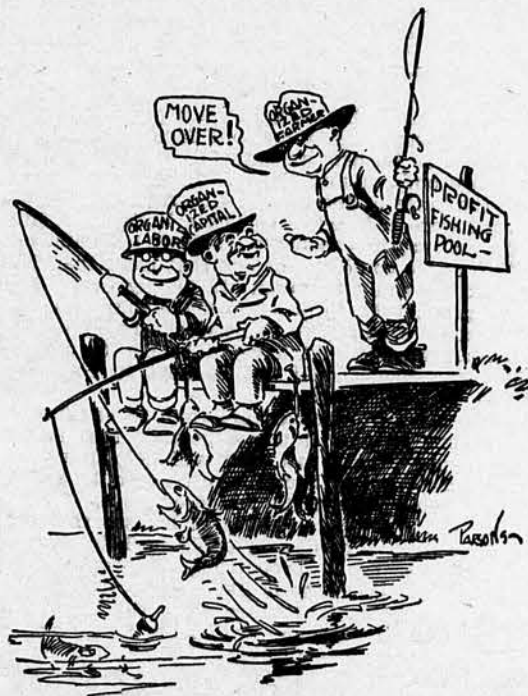
applicable to the mature fowl. Egg laying calls for the same factors. The only possible distinction in food demands between growth and production is a quantitative one. Eggs are rich in protein and phosphorus, the shell is mainly calcium.

"Normal chicks have been reared on this ration and kept on it for more than a year with no extra provision for scratch feed, green material, or ration change. The chicks did receive a supplement of infertile eggs in addition to the ration, but only when confined indoors as young chicks. This supplement was withdrawn when the birds were placed out-of-doors in screened pens but with available direct sunlight. They have matured normally, produced fertile eggs, and the hens averaged 21 eggs each for March, 1924. Their average production from December 1 to July 1 was 108 eggs.

## Are Older Practices Traditions?

"The old viewpoint on animal feeding emphasized only heat and total protein as the necessary factors. The modern view is that a ration to be adequate for growth and reproduction must contain an abundance of heat (digestible carbohydrates and fats) proteins of the right quality, a suitable mineral mixture, some 'ballast' or indigestible material, and in addition the vitamins." The ration proposed by the Wisconsin station, with the addition of direct sunlight, is claimed to be complete. On the subject of modifying common methods of feeding poultry the authors elucidate:

"It is believed that some modifications of the ration outlined can be made with equally good results; in fact such modifications have been made at the Wisconsin Station, but only under special conditions. The only thing to be insisted on is that any poultry ration to be successful must contain all of the nutritional factors outlined. Further, it is to be hoped that the problem of poultry nutrition has been simplified; and if the Wisconsin ration, and the simple method of feeding it, displaces older practices, then the question is again raised—are the older practices merely opinions and traditions or are they necessary for success?"





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## Passing Comment—By T. A. McNeal

**B**OTH branches of the legislature voted last week to enact a law which would give to every member, in addition to the regular per diem, \$5 a day for expenses during the time the legislature is in session. The constitution of Kansas provides for the compensation of legislators as follows:

"The members of the legislature shall receive as compensation for their services the sum of \$3 a day for each day's actual service at any regular session and 15 cents for each mile traveled by the usual route in going to and returning from the place of meeting; but such compensation shall not in the aggregate exceed \$240 for each member as per diem allowance for the first session held under this constitution, nor more than \$150 for each session thereafter, nor more than \$90 for any special session."

The language of the constitution is as plain and specific as it is possible to make it, and when the members voted themselves an extra \$5 a day they plainly violated it.

It is true the compensation is too small. It is almost impossible for a member to come to Topeka and pay his necessary living expenses out of his per diem and mileage provided for in the constitution, but every member understood what sacrifice he would have to make in a financial way when he became a candidate. He knew what he is allowed under the constitution when elected, and there is no law compelling him to make that sacrifice.

The question of increasing the compensation of members of the legislature has been submitted to the voters of Kansas several times. The proposed amendment has been defeated decisively whenever submitted. I think it should have been adopted, but it was not, and the people were clearly within their rights when they refused to vote for it.

### Tea Was a Popular Drink

**W**E COMPLAIN a good deal and with justice that there is a spirit of lawlessness. For years after the state adopted the prohibitory amendment there was a conspiracy to evade it by one subterfuge and another. Whisky was sold under the name of tea. Beer was sold under some other name. Druggists in many cases turned their drug stores into joints, and while pretending to obey the letter of the law were continually violating it.

Our legislators have always been made up largely of men who favored or at least pretended to favor the enforcement of law. We have heard a great deal about the duty of citizens to obey laws even where they cause personal inconvenience.

We have heard a good deal of abuse of those who would overthrow our constitution, but here is a Kansas legislature, with every member sworn to obey the constitution, eagerly voting for a measure which any sensible man knows perfectly well violates the spirit and I think just as plainly violates the letter of the constitution.

If the members of the legislature are going to override the constitution whenever it happens to suit their personal convenience or when it is to their financial advantage to do so, then there is little reason for condemning the bootlegger or the bolshevist.

### An Argument That's Bunc

**T**HE advocates of this bill urge in justification that it is proposing to do openly what has been done before under the guise of telephone and telegraph bills and postage.

Of course that is no justification whatever. If it is true that previous legislatures have voted themselves money for telephone and telegraph and postage bills when they did not use the money for that purpose, there was no justification for their action, but one unconstitutional measure does not in any way justify another.

It would be entirely proper that telegraph and telephone and postage bills actually incurred in connection with legislative business should be paid by the state, but every member should be required to file a sworn account stating what the bills were for and showing that each item was a matter of legislative and not private business. I will venture the assertion that 90 per cent of the telephone and telegraph bills of members of the legislature during the session were not in any way connected with

legislative business, and if the state had only paid legitimate telephone and telegraph bills the aggregate would have been surprisingly small.

### But Omar Salahnd Din Says

**I**HAVE in my time received letters from many kinds of people holding nearly all sorts of beliefs, but have just had a new experience. I have here a well-written letter from a Texas subscriber, Omar Salahnd Din of Ennis, Texas, who is an Indian Mohammedan, and his letter is a defense of the Mohammedans and a violent criticism of the British government.

Evidently Mr. Din is not only prejudiced against the British government but also against the Christian religion. The error of his judgment arises because he confounds real Christianity with the selfish and often corrupt practices of men who have

### If I Were King

If I were king—ah, love, if I were king!  
 What tributary nations would I bring  
 To stoop before your sceptre and to swear  
 Allegiance to your lips and eyes and hair.  
 Beneath your feet what treasures I would fling—

The stars should be your pearls upon a string,  
 The world a ruby for your finger ring,  
 And you should have the sun and moon to wear  
 If I were king.

Let these wild dreams and wilder words take wing,  
 Deep in the woods I hear a shepherd sing  
 A simple ballad to a sylvan air,  
 Of love that ever finds your face more fair.  
 I could not give you any godlier thing  
 If I were king.  
 —Justin McCarthy.

called themselves Christians. In fairness it should be said that our criticisms of the Mohammedan religion are based rather on the acts of ambitious Mohammedan leaders than on the fundamental doctrines of the Mohammedan religion, many of which are really fine and inculcate the doctrines of both honesty and mercy.

### Again It's High Taxes?

**I**HAVE a letter from an intelligent farmer in Southeastern Kansas who is an assessor, and therefore is brought in contact with all farmers in his district. His report seems discouraging, and I have no doubt it states the facts. He says very few of the farmers are getting ahead; most of them are in debt and are not making much if any headway toward getting out.

What do they complain about? Well, it's mostly high taxes. They also think it would benefit them if they could borrow money at low rates of interest.

Most of them, he says, are not producing more than half crops. He found one farmer who raised a crop of 50 bushels an acre of corn, but most of them are only raising 15 or 20 bushels. Now suppose the taxes of the farmer who raises 15 bushels of corn were reduced to as low a limit as he himself would say is reasonable, would it help him materially? He could not expect that more than half his tax bill could be taken off in any event, and, in all probability, in order to make that reduction the schools would have to be closed half the time and road work would have to be cut to a point where the roads could not be kept in condition. Would he want that?

If he is not producing more than 15 or 20 bushels of corn an acre it is not possible that he can borrow money at a rate that will help him out—if he got money without interest he could not repay the principal with that kind of crops.

Now if the average farmer in Kansas this year could produce a corn crop of 50 bushels an acre and other crops in proportion, he would make money at the prices he is likely to receive.

During all the hard years since the war there have been some farmers who have made money. They have paid just as high taxes as their neighbors, and if they have borrowed money they have paid the same rates of interest, but they have not

borrowed much money. They may not have received bigger prices for their produce than their neighbors, but they have managed to have a much greater production. They are the farmers who have raised the 50 bushels of corn an acre and other crops in proportion.

No man is further from market than he who has nothing to sell. I know the answer will be made that if farmers should double their production they would break the market and have to sell at a loss. I am not advising the farmers to increase the aggregate production, but to increase the acre production. Raise better corn, better grain of all kinds, better stock but not necessarily more of it in the aggregate. A poor yield generally means an inferior quality, and low quality always brings a bottom price.

### Making the Missouri a Highway

**A**REPRESENTATIVE from Wichita county, C. C. Perry, has secured the passage of a house concurrent resolution asking Congress to make an appropriation ample to complete the deepening of the Missouri River as far west as Kansas City, so there will be a permanent channel having a minimum depth of 6 feet.

Mr. Perry's resolution recites that such a permanent improvement would enable the wheat growers of Kansas, Nebraska, Missouri and other shippers of the Missouri Valley to save annually more than 13 million dollars, the estimated cost of such a channel.

While the estimate of saving may be either too high or too low, it is reasonably certain that such a channel would be of immense benefit to the farmers of Kansas.

### Brief Answers to Inquiries

**AL**—The crossword limerick is just starting. When it develops, undoubtedly it will add to the populations of the hospitals for the insane. You ask for a sample. I would suggest something like the following:

1. There was a young lady named \_\_\_\_\_
2. About her the young men were all \_\_\_\_\_
3. She took a husband for better or \_\_\_\_\_
4. But he soon applied for \_\_\_\_\_
5. Because she was so exceedingly \_\_\_\_\_

Missing word lines:

1. Name of a young lady.
2. Slang for insane.
3. Comparative of adjective bad.
4. Court proceeding.
5. Slang for disagreeable.

**SILAS**—If frequent washing does not abate the odor of your feet I would suggest that you dip them in soft concrete and let it harden.

**SAMANTHA**—The fact that your husband's breath smells of cloves does not necessarily prove he is guilty. I have known men who said they liked cloves.

**WORRIED WIFE**—You say your husband, who is an elder in the church, has always acted and talked as becomes a sincere Christian until recently, but that the other day when some thoughtless person struck a nearly ripe boll that was on your husband's neck, he swore like a man who was still in the gall of bitterness and bonds of iniquity, and you ask if I think he wandered from the path of righteousness and relapsed into sin and unbelief. Not at all, my dear woman. In such a case as you describe the Christian language is entirely inadequate. He could express his pent up feelings in no other way.

**E. Z.**—Certainly, in selecting a wife you should try to get one who is well-informed, but not too blamed well-informed.

**SEVENTY**—It is all right for you to try to keep young and seek young company provided you don't become a bore. When a man of your age tries to get in the flapper class it is time to kill him.

**L. H.**—I do not go much on giving advice to other people about how to raise their children. In my opinion every child needs to be managed according to a little different recipe from any other. Still I must say that some parents appear to me to be mighty careless about their children. They



are careful to tie up their dogs at night, but they let their children run loose.

**BIBLE STUDENT**—I do not know whether the years in Methuselah's time were the same as now; if so it has occurred to me that the old boy must have gotten mighty tired of himself before he winked out.

**STUDENT**—No man has any license to boast of his knowledge. All of us know so little in comparison with what we do not know that we ought in humbleness to acknowledge that we are a set of ignoramuses.

**T. R.**—Do not waste any time sympathizing with the bowlegged man. Most men with outcurved legs think they are regular heart-smashers.

**Where the Tourists Roar**

**WRITING** from Rogers, Ark., a Kansas man, D. E. Twiggs of Winfield, gives me this information: "This is a part of the country I have not heard you describe, so I presume you have overlooked it. This country is on the border between the United States and Arkansas. It is a very noted summer resort, and when you take another vacation don't fail to visit Roaring River. It is a big spring covering 3 acres. The river that runs out of this spring is about the size of the Kaw, but deeper. It is called Roaring River from the noise made by tourists when they pay their bills.

"This wonderful spring has been stocked with mountain trout that have been fed by hand since they were hatched. When anyone goes near them they rush up to be fed. You then cast your hook and line. The water is so clear that you can tell which fish is going to bite, so you just catch the good ones. If a small fish weighing 2 pounds or so gets on the hook you simply leave it for bait. But no bait is really needed as the fish will bite a bare hook or bobber cork or anything, and sometimes will come out on the bank and eat from your hand.

"There is no bottom to this spring; the other end is supposed to be in China, as two Chinese pheasants were found floating on the water one day.

"If you will look at a Capper map of Arkansas, you will see a place just south of Roaring River marked Cave Spring. That is another noted place. There is a cave in the side of the mountain with a river in it about the size of the Kaw when it is up. This also is a fishing resort; the fish come up from the river and go into the cave, where they grow so big they have to be split to get them out. So the folks have built several canneries in the cave, and they send the fish out in cans. They have never found the other end of this cave, but corn cobs and other things found floating on the water of this underground river indicate they came from Minnesota or Canada. There are icebergs in the cave filled with frozen seals and other animals. The ice is used for domestic purposes, and the seals are skinned and the hides sold. The natives are very proficient in skinning these frozen seals as a result of the practice they have had in skinning the tourists. There is no closed season on skinning either seals or tourists in this state. "I have heard of several even more marvelous

natural wonders than those I have described, but I am not personally familiar with them, and I cannot vouch for what I have not seen."

**Taxation for School Purposes**

Had Decatur county a right to levy taxes on persons living in the rural high school district for both the rural high school and the county high school for last year? This rural high school was declared illegal in a trial held in 1924, but the case has been carried into the supreme court and no decision has been made yet. Which school collects the taxes this year?

The legislature of 1923 enacted a law providing for community high schools and the disorganization of county high schools. This provided that in place of county high schools community high schools should be created to include territory not in other accredited high schools. The act then proceeded to provide for the government of these community high schools by boards of trustees consisting of

district, which I assume was an accredited high school. And if this is true then under the act passed by the 1923 legislature the trustees in charge of the community high school were only authorized to levy a tax on the property in the district embraced in the community high school district. And this would necessarily exclude the territory embraced in the rural high school district. If the supreme court should hold that the organization of a rural high school district was illegal and there was no rural high school district, then the district would be included in the community high school district, and in that case could be taxed, but it also would follow in that case that residents of the rural high school district would be relieved from the taxes to support the rural high school.

**When Dealing in Furs**

Does a person have to take out a trapping license before he can express furs to dealers? C. R.

There is no law prohibiting the shipping of furs out of Kansas, and no license would be required to deal in furs. The object of our fish and game laws is to protect the animals and fish alive. Whenever anyone has a right under the law to kill wild animals the right to dispose of them goes with the right to kill.

**Yes, the Bank is Right**

A married and had four children. His wife died shortly after the last child was born. He married a second wife but they have no children. The man died a year ago without a will. The bank claims five notes against him. He owned 120 acres and about \$9,000 in bonds and money. The wife did not sign the notes. The bank has taken all the bonds and money, allowing the widow \$125 for fuel and provisions for a year. Can it legally take this from the widow and grandchildren? E. G.

These notes, bonds and money were personal property belonging to A. The bank would have the right to attach them in payment of a judgment obtained against A or his estate. The fact that the wife did not sign the notes would not affect the rights of the bank.

**A Had the Potatoes**

A had a pile of potatoes. He told B to take the potatoes and sell them and give him half the money. He had no one to look after the removal or sale of the potatoes but when he received his rightful share of the money he gave B a receipt to show that he was satisfied. Then he changed his mind about his rightful share. If B pays A the balance called for in this receipt does that free him from any further obligations to A? R. G.

If A gave B a receipt for the money under the impression that B was paying him all that was his due, but should afterward find that B had not paid the full half, he would have a right under their contract to collect from B whatever difference there was between the amount actually received by him and the amount B should have paid him. The mere fact that he gave B a receipt would not necessarily relieve B from any further responsibility, altho it would be evidence that B had fulfilled his contract with A. However, it could be overthrown by evidence showing that a fair division of the proceeds had not been made.



six members. Section two of the act provided for the levy of taxes to support these community high schools. This section reads as follows:

"That the community high school board shall make an annual levy for the support and maintenance of said community high school, which levy shall not exceed four mills on the dollar on all taxable property in said community high school district."

In this case it would seem that the community high school district could not have included the territory embraced in the rural high school dis-

**Operation of Muscle Shoals is Nearer**

**AFTER** the longest debate in recent legislative history, the Senate adopted the Underwood proposal for operating the Government's huge nitrate and power plant at Muscle Shoals. The issue was Government operation.

The adoption of the Underwood plan is a victory for those who oppose having the Government engage in business enterprises. The country's costly experiment in Government operation of railroads during the war contributed to the success of the Underwood plan, and to the rejection of the Norris proposal.

The Underwood plan provides the Shoals shall be leased to private operatives. The Norris plan proposed Government operation.

In that part of his message, speaking of the Shoals, the President told Congress: "I favor the sale of the property or long-term lease under rigid guarantees of commercial nitrate production at a reasonable price for agricultural use. If no advantageous offer is made, the development should continue and the plant should be dedicated primarily to the production of materials for the fertilization of the soil."

In the main, the proposal adopted by the Senate embodies the Ford offer with this important change—the Underwood plan limits any lease to a 50-year term. The Ford offer was contingent on a 100-year lease.

Under the plan adopted, the lessee must produce at least 40,000 tons of nitrates a year to be utilized in the making of commercial fertilizers, these to be sold at a price not in excess of 8 per cent above the cost of production.

The lessee is to pay the Government an annual rental of at least 4 per cent on the cost of No. 2 dam, generally known as the "Wilson dam." This cost will approximate 50 million dollars.

The Government reserves the right of immediate recapture of the entire property for the manufacture of explosives and munitions in event of

war. The Secretary of War, with the consent of the President, is authorized to negotiate a lease agreement conforming with these terms.

If, by September 1, this year, no satisfactory lessee is found willing to undertake the operation of the property, the bill directs the Government to organize a corporation of its own for operating the plant for the purposes and on virtually the same terms prescribed for private agencies.

The sole aim of the plan adopted is to produce nitrogen fertilizer in peace, and for munitions in time of war.

The Shoals project was first undertaken by the Wilson administration. Concerned over what might happen if German submarines cut off the supply of nitrates from South America, the Wilson administration conceived the project and set about its construction. Peace came before it was finished, and it is yet incomplete. As it stands it has cost about \$0 million dollars. When completed, in accordance with original plans, it will represent an investment of 150 million dollars of public funds.

In addition to producing nitrogen, the Norris plan contemplated an ambitious adventure. It would make of the Shoals the nucleus of a vast hydro-electric super-power development, with which to experiment under Government direction and at Government charge in producing electrical energy for long range transmission for industrial uses.

The Underwood plan contemplates no super-power development. It would utilize virtually all the power now available at the Shoals in making nitrates. It leaves the development of additional power subject to future action should the need arise.

War Department engineers plan to complete the big No. 2 dam and the giant power house in which the waters of the Tennessee River will be transmuted into "white coal," by mid-summer. When that is done all will be ready for the generators to begin turning, and for the cyanide plant, built

during the war, to begin the production of nitrates, late this year.

But before the machinery begins turning, the bill determining the fate of the big enterprise must run another legislative gamut. The adoption of the Underwood bill by the Senate is not the last word. The bill has to be approved by conferees representing both House and Senate. If the conferees approve, the bill has still to be accepted by the House. Should the conference alter it in any particular, the bill must again come before both House and Senate for approval.

Last session the House passed a bill accepting the Ford offer to take over and operate the Shoals. The House bill was rejected by the Senate committee on agriculture and the Norris bill reported to the Senate for passage. The session ended before the Senate acted, and between sessions Ford withdrew his offer and the House bill became a dead letter. Early in the present session the Underwood bill was presented to the Senate as a substitute for the Norris measure and finally prevailed.

So the fate of "the Niagara of the South" is yet to be decided.

It may be that some compromise like the Jones plan finally will be adopted. The Jones proposal would have a commission review all pending bids and proposals, invite other bidders if advisable, draw a lease for the bidder making the most advantageous proposal and submit such lease to Congress for ratification next January.

*Arthur Capper*

Washington, D. C.





Busy Planning Inauguration of President Coolidge is Katherine Fenning, Left, Assistant Secretary of Inaugural Committee and Daughter of Official Secretary, Frederick Fenning. She is Member of American Institute of Banking

Katherine Smith, Right, Posing for John Eland, Who Selected Her as Ideal American Beauty. She Won First Prize in Universal Pictures Corporation Beauty Contest



After 46 Days of Mystery "Charlotte Norris," at Right, Was Identified as Charlotte McGuire, 20, of St. Louis. She is Seen With Dr. O. C. Nelson Broadcasting Her Appeal from WEBH, Edgewater Beach Hotel, Chicago

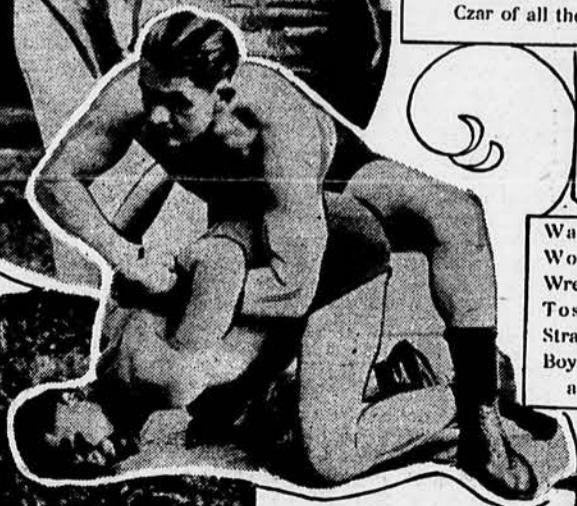


Dorothy Langdon Exhibits the First Cross-Word Puzzle Shoe, Just Made at Lynn, Mass., at the Annual Style Show in Connection with the Convention of the National Shoe Retailers' Association in Boston, Mass.

Connie Lewis, in Oval, Looking for Immodest Bathing Suits at Palm Beach. With the Aid of This Tiny Telescope He Keeps an Eye on Society Folks Even When Far Away



Grand Duke Boris of Russia and His Wife, the Grand Duchess, Arriving at New York on S. S. Olympic. The Duke is a Brother of the Grand Duke Cyril, Who Recently Proclaimed Himself Czar of all the Russias



Wayne Munn, Left, New World's Catch-as-Catch-Can Wrestling Champion, Who Tossed Former Champion Strangler Lewis About Like a Boy. He Stands 6 Feet 6 Inches and Weighs 260 Pounds

Here is the Way Uncle Sam's Air Mail Takes Off When There is More Than a Foot of Snow on the Ground, as There Generally is on the Omaha to Salt Lake City Stretch from December to March



Wise Stock Feeders Know They Enhance Profits by Obtaining Most Rapid Gains for Each Pound of Feed. This Can be Accomplished by Feeding Ground Grain. Grinder Shown Here Handles 36 to 72 Bushels an Hour



The U. S. Scout Cruiser "Omaha" in the Gaillard Cut, Panama Canal, on Its Way from the Atlantic to the Pacific Coast, to Take Part in the Grand Maneuvers of the Pacific Fleet



Careful Check on Weights and Costs Helps Roy Murphy Successfully Manage the Deems Horseless Farm, Iowa. He is Checking Out a Good Load of Hay the International Truck Will Safely Deliver



## Real Radio Music From Station HENS

**I** LIKE to take care of hens, especially from the first of January until after the hatching season is over. We find it pays to provide good houses for them. And I'm a crank about dropping boards. They have been in use a long time, but if you were to make a survey you would be surprised to find how many farm hen houses are without this necessity. With dropping boards provided the entire floor space can be used as a scratch room.

And I like plenty of good litter. When I feed the grain in the morning and again at night I throw it in the litter and take a fork and stir it or pile it in a mound and make the hens scratch for it. If the feed is thrown on top without any stirring the hens will pick up most of it before it gets mixed with the litter.

I keep a dry mash before the hens winter and summer. It is composed of equal parts of bran and shorts, about a third of a sack of tankage, and salt.

For green feed we use whatever we happen to have, rape, turnip tops, or alfalfa leaves—now it is alfalfa leaves. A tub of leaves placed in the hen house when the weather will not permit the birds to be out of doors will keep a flock of hens busy all day. We always sow a patch of rye near the hen house for green feed in the fall and early spring. We also give the hens all the milk we have to spare, and plenty of fresh water and oyster shells. Hens should be fed regularly every day. In the winter I like to give the evening meal in time to allow them to get their crop full before dark comes.

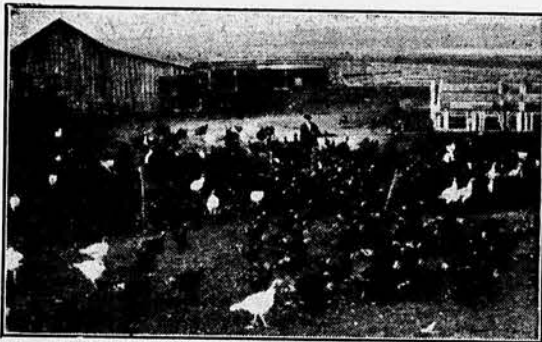
I am a member of the Capper Poultry Club, in the mothers' division, and keep a record the year around. Keeping a record is a small task after one gets used to it, and it helps wonderfully in making the hens pay. For instance, if I am not gathering as many eggs as I should I get out last year's record and compare notes. If they fall short of the same month the year before I do a little extra housecleaning or perhaps change the feed, and before many days there are more eggs in the basket. Getting rid of lice the same day you cull the hens saves time and trouble.

Taking care of a flock of hens out in the fresh air is almost as good as a health resort. You get interested in the scratching and cackling, and the first thing you know you haven't an ache or a pain. Your cheeks get rosy, your appetite good and you begin to put on flesh. Sometimes when I am in the right mood I let imagination play when caring for the hens. I play like the hens are a wealthy family and the hen house is their mansion. I am their housekeeper. I begin this play by cleaning the bed rooms (dropping boards) and then the living room, taking out the old rug (litter)

and putting down a new one. Next I clean the nursery (nest room), and when the house is in order I get ready for a big feast. I go to the market and bring home a big basket of fresh lettuce (alfalfa leaves), and after I make a trip to the corner grocery for a bag of corn and some potatoes we are all ready for the party.

By this time the hens have become interested and are singing gaily. This I pretend is music from the radio. The guests have arrived, and the party begins. I cut up small potatoes and throw them here and there. The fun is on. The guests play snap and catch 'em. Now, I've got it, and now you've got it! The next game is to hide the corn in the litter and see which can find the most grains. Then a voice from the house cries: "Mamma, mamma; dinner is ready," and then the party is over.

You may think this is foolish, but I have played it more than once. It works as well on baby chicks as on hens, and turns work into fun.



Here are some of the 370 Turkeys Raised Last Year by Mrs. June E. Baldwin, of Garden City

We have always found Single Comb Brown Leghorns profitable. In the spring we sell hatching eggs, mostly to home folks, as they generally take all we have to spare. Mrs. Fred Johnson, Greeley, Kan.

### Fifteen Years With Turkeys

**I** BEGAN raising turkeys 15 years ago. My first flock consisted of two pullets and one young tom, and from these birds I raised 27 fine young turkeys. We found there was clear money in turkeys, so the next year we increased our breeding flock, and turkey raising is now a profitable sideline on our 80-acre farm. Last year we marketed 75 young turkeys. Our breeding flock consisted of eight pullets and a young tom.

I prefer pullets rather than old hens because they lay more eggs; good thrifty pullets will average from 20 to 25 eggs each the first clutch and 12 to 15 the second. And they are not so cunning

about hiding their nests. I gather the eggs every day and keep them in a cool, dry place, but not in the cellar or basement. Do not lay eggs on each other, and number them as they are gathered, so you can set the oldest eggs first. Turn them every day.

As soon as I get 30 or 40 eggs I begin to set them under chicken hens. The fresher the eggs are set the stronger the poults will be.

I usually set three chicken hens on 30 eggs. When they hatch I give 10 or 12 poults to a hen, never more. When about 24 hours old they are removed to coops with wire netting runs in front. These are made on light wooden frames so they may be moved from place to place with ease. They are put several hundred yards away from the house, preferably in the edge of an alfalfa field. When the poults are 48 hours old they are given their first feed, it consisting of hard boiled eggs, onion tops and green alfalfa clipped fine, with plenty of grit and water.

Feed sparingly three times a day for the first week. When about a week old I make the feed a little stronger, by adding cornbread to the diet, made from sour milk, soda and cornmeal. When 2 weeks old the poults are turned out with the hen, and they are fed cornbread three times a day for a few days. As they begin to get more insects the cornbread ration is fed only twice a day. Lice and damp, rainy weather are the two worst enemies of young poults.

If grass is damp in the morning I keep them in the netting pens until it is dry. For lice I dust with insect powder or any good fly powder. When 2 weeks old they are greased with pure lard along the wing feathers, and the long feathers in the end of wings are pulled out, as these sap the strength of the poults. After they are a month or 6 weeks old they are fed once a day, preferably at night. We feed wheat, feterita or maize.

They soon will begin to pay their own way by keeping down the grasshoppers and other insects. From this time on they pick up most of their living until September, when we begin to feed grain twice daily. We increase the amount as we begin to fatten for the Thanksgiving market. We always sell everything that comes up to the standard on the first market, the later hatches being held for Christmas. Mrs. George C. Smith, Lakin, Kan.

Sprouted oats make a succulent winter feed for poultry. There are several ways of sprouting the grain; it may be left in a bucket of warm water overnight and then drained off and scattered on racks to the depth of about an inch and left to sprout. When the tops are about 2 or 3 inches high they may be taken out and fed to the birds, feeding 1 square inch a bird daily. Sprouting at low temperatures (60 degrees to 65 degrees F.) in clean vessels or treating with formaldehyde (1 part of formalin to 30 bushels, may be used to prevent molds.

## And Then the Heat Dropped

By Mrs. C. B. Smith

**W**HENEVER I hear a poultry keeper boasting that he knows about all there is to learn about the business, I set him down as an amateur who has never rubbed up against any of its real problems. The more experience one has had, as a rule, the more willing he is to learn from others, and the more enthusiastically he welcomes any new idea that bears the earmark of practicability. So, when I offer suggestions on any phase of the industry, it is not without some misgivings that another person's methods may be better than my own, but if so, I am not yet too old to learn.

I began 'way back in the nineties to run incubators and brooders, when machines were not so nearly perfect as they are now, and the operator's knowledge of the principles of hatching were more imperfect still. The dear man who made my first incubator afterward manufactured the first really successful machine on the market. He evidently had a lot to learn at that time, himself. He meant to be very explicit in his directions, and I was over anxious to learn, so I took him literally at his word instead of using some of the common sense with which I was supposed to have been endowed.

### Of Course I Told "C. B."

I remember one thing in particular he was guilty of saying that was the source of several failures and took me some time to unlearn, and this was that running the incubator at too low a temperature was more disastrous than keeping the egg-chamber too hot. He advised keeping the thermometer up to the 104 mark, anyway, remarking that from 105 to 107 degrees would not be too high. Accordingly, during the first hatch, or rather, sitting, for the hatch was negligible, I strictly followed his directions. I was so positive he knew what he was talking about that I lost a good deal of valuable sleep keeping the flame turned up to the right height. One morning, however, along about the last of the second week, I visited the cellar, and found the temperature in the incubator low and the eggs barely warm to the touch. I frantically turned up the light, loosened the set screw to the damper and rushed out to tell my husband. We soon had the temperature soaring again, but when the hatch, numbering 25 puny,

scraggly chicks, was taken from the machine, both of us bemoaned the oversight that allowed the eggs to become chilled that night when the temperature in the egg chamber fell below 90 degrees! After almost 30 years' experience in operating incubators I often wonder how that manufacturer ever managed to get a 95 per cent hatch if he followed his own advice. With present day equipment 90 to 95 per cent hatches are not uncommon, and it would be difficult to obtain one as low as 25 per cent. Manufacturers of incubators know their business so well now that the machines as well as the directions which come with them are practically fool proof.

I like hot water incubators best, for I believe the temperature is more easily controlled in this type, but I have had some wonderful hatches from a hot air machine. Most poultry raisers use the incubator for hatching early chicks, so naturally they want the one that will maintain the heat in the egg chamber during times of low weather temperature, and I consider the hot water kinds the most dependable from this standpoint. Success in hatching does not depend so much on the type of incubator used, however, as on the care given to the eggs and their hatchability to begin with. Everyone knows an infertile egg cannot be hatched, and everyone should know that an egg from debilitated parent stock might as well not be, so the time for beginning to prepare eggs for the incubator is when you pick out the breeding stock.

After the eggs are placed in the machine keep the temperature as near 103 degrees as possible, spare no effort to keep them turned and aired at frequent intervals, and once or twice during incubation sprinkle them with warm water. This should be done about the third week. A whisk broom and a pan of water set in a convenient place make the sprinkling process an abbreviated task. Chicks removed from the nursery as soon as dry and put into packing boxes, about 25 in a box, do better than those left longer in the machine. The boxes should be covered lightly with old blankets and set on top of the incubator or in a warm room until their permanent quarters are prepared for them.

Now, here comes what has proved in my experience the most particular problem in the entire process of chick raising, the rock that has wrecked many a promising hatch, the cause of most of the so-called bowel trouble—the question of proper brooding. I do not know of a single incubator owner who has not had the discouraging experience at some time or other of seeing his chicks keel over and die, from one to a dozen at a time, until only a small percentage of the hatch remained. Sometimes they would emerge from the brooder with drooping wings, take a drink, turn over on their backs, give a few kicks and forget to breathe any more. Then the caretaker would carry them out, bury them and call it white diarrhea. I do not mean to assert that there is no such germ disease as white diarrhea, but I do believe this disease is less common than is thought, and that much of the bowel trouble that attacks incubator chicks is due to chilling either in the brooder or from exposure following crowding into an overheated brooder. If we had advanced along the lines of proper brooding as far as we have toward mastering the science of artificial incubation, then, indeed would poultry raising be productive of definite results, and the element of chick mortality for the most part would be eliminated.

### Makes the Chicks Happy!

One of the most important inventions of late years and one which has accomplished much toward this end is the canopy brooder, which allows the chicks to find the temperature best suited to their comfort, and with plenty of heated floor surface to render crowding unnecessary. These are used successfully by thousands of poultry raisers. There is no steaming from overheated bodies, no huddling into corners and, being open, there is no chilling induced by failure of the birds to find their way back to the heated area when they get beyond its comforting warmth. These brooders enable one to care for more chicks with less work and better results than any other type I have ever tried. Of course a good brooder house is necessary with any kind of brooder, so one need not expect to succeed when the house in which it is kept is open so the winds play peek-a-boo thru it or the rain comes unhindered thru the roof.





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# Radio Tells What's Coming

### This Includes "Much Colder Tomorrow With High Shifting Winds; Notify Stock Interests"

BY HARLEY HATCH

IT IS raining as I write, with the wind in the south and the snow going fast. But the radio says "much colder tomorrow with high, shifting winds; notify stock interests." Is it good for us to know what is to come? One of my friends complains that the radio is taking considerable of the joy out of his life by its continual forecasts of colder weather coming; he says that he can't enjoy a pleasant day for thinking of what is on the way. But from a practical standpoint radio is a great help to us. We knew this morning just what to expect, so we have put in the day grinding feed, hauling hay and in general getting ready for a storm. Our snow, which has been with us since December 15, goes slowly, and may be with us a month from now. This snow has, without doubt, been good for the wheat these zero times, altho some men think the coating is a little too close and heavy. A neighbor who has been making a close examination of the wheat says it is all right and doing well.

the earlier varieties will make the most corn but not so much fodder. Since grain is what most of us are after I find there is considerable interest in finding corn that is big enough and yet not too big. Our friend has been raising a corn called "King Philip," but he finds it a poor yielder altho early. He also knows what virtually every upland farmer in this part of Kansas has found, that white corn will out-yield yellow. This fact limits our upland acreage to the white varieties, altho years ago we used to raise a variety of yellow corn on upland called "Golden Beauty" which did almost as well as the white varieties. I would think it best for corn growers in Central and Western Kansas to stick to local varieties, for what we call an early, rather small variety of corn probably would be neither there.

### Low Prices in Nebraska

A Nebraska friend had a public sale of his farm property recently. From the proceeds he hoped to be able to draw enough out to pay his debts and give him a good start on a rented farm down here in Kansas. His first sale was a failure; a very stormy day kept everyone at home. The next date he picked proved almost as stormy, but he had the sale anyway and received very low prices for nearly everything sold. Good grade Shorthorn milk cows averaged \$35 each. The unsettled condition of the poultry market spoiled any hopes he may have had of getting good prices for hens more than half wintered thru and ready to lay. Such hens, purebred White Wyandottes, brought but 70 cents each, while purebred Poland sows weighing around 200 pounds brought an average price of \$16.50. It seems to me that the folks who bought these cows, sows and hens are due to make about 40 per cent on their money inside of the next year; let us hope that they do, at least. No one can raise such stock for those prices, and it is our friend's misfortune that a combination of circumstances did not allow him to do better.

### Corn Up to \$1.13

We feel a little less like grudging the cattle and hogs their rations of corn, cottonseed meal and tankage these days, for the price is working slowly but steadily upward. But if cattle and hogs are working higher, how about the corn they eat? That is going up even faster than beef and pork. A neighbor who had been holding his rather large supply of corn for \$1.10 a bushel was offered that figure this week and sold. Then, before he could get a sheller on the place, corn went up again and he was offered \$1.13. A neighbor shipped some hogs this week—good ones—thru a co-operative shipping association and got \$10.20 net for them, but even that does not pay with corn at \$1.13. The 78-pound shotes which we bought just a month ago today are outgaining anything on the farm, and it took them almost a week to learn to eat corn. They run with the cattle and get considerable waste and find plenty of alfalfa leaves to eat, get corn three times a day and tankage once. I believe we are going to make some money on those shotes even if corn is \$1.13, for they cost us but \$7 a hundred.

### Amendment Won't Pass

Several letters received of late indicate that farmers are taking considerable interest in the proposed amendment to the Federal constitution giving Congress power "to limit, regulate and prohibit the labor of all persons under the age of 18 years." I judge that probably eight out of every 10 farmers in the state are opposed to it. If we keep on handing over our reserved powers to Congress there will soon be no need of state lines. Advocates of the measure tell us those powers will not be abused. Then why delegate to Congress any power which you would not wish to see it use? The states have ample power to cope with any child labor evil. There are children in this country who have to work too hard, we must admit, but isn't it true that for every one that has to work too hard there are two who do not have to work enough? But there is no need to get excited over this proposed amendment; there is not the slightest danger of its being ratified. Already seven states have passed on this, and of that number two have ratified and five have rejected the amendment.

### Local Varieties are Best

From Geneseo comes a letter discussing the problem of planting early, smaller varieties of corn or larger, later varieties. This farmer says his experience last year was the same as ours; the large, late varieties yielded by far the best. But he knows we seldom have a summer season like that of 1924, and that in a term of years

### Feed Brings the Eggs

Despite the cold weather, which keeps the poultry confined to their houses virtually all the time, there are many farmers in this locality who are getting a good supply of eggs. Without exception they are the ones who are feeding for eggs. The question some producers raise is, does it pay to so feed in extreme winter weather? Will the eggs received pay for the extra feed, and will hens so fed lay as well next spring as if they had been idle during the cold weather? I believe those who are feeding for eggs are at least getting enough to pay for the feed. Of late we have been feeding a dry mash which is giving good results; since feeding it the hens have begun to lay at least enough to pay for their feed, while they laid few or no eggs before. This mash is made as follows: Take equal parts of wheat, corn and oats enough to make 80 pounds. Grind this and then mix with 20 pounds of tankage, making the lot weigh 100 pounds. Feed this dry in hoppers so the hens can help themselves. If larger amounts of this feed be mixed, keep the proportions as given in the foregoing. It is not a costly feed, it being all farm raised but the tankage.

### Pig Meet at Manhattan

Swine breeders and pork makers will meet at Manhattan February 3, during Farm and Home Week at the Kansas State Agricultural College. A judging contest, meat cutting and curing demonstration, a discussion of disease control and production problems will be special features.

Hampshire, Poland, Duroc, Spotted Poland and Chester White state association business meetings will be held that day.

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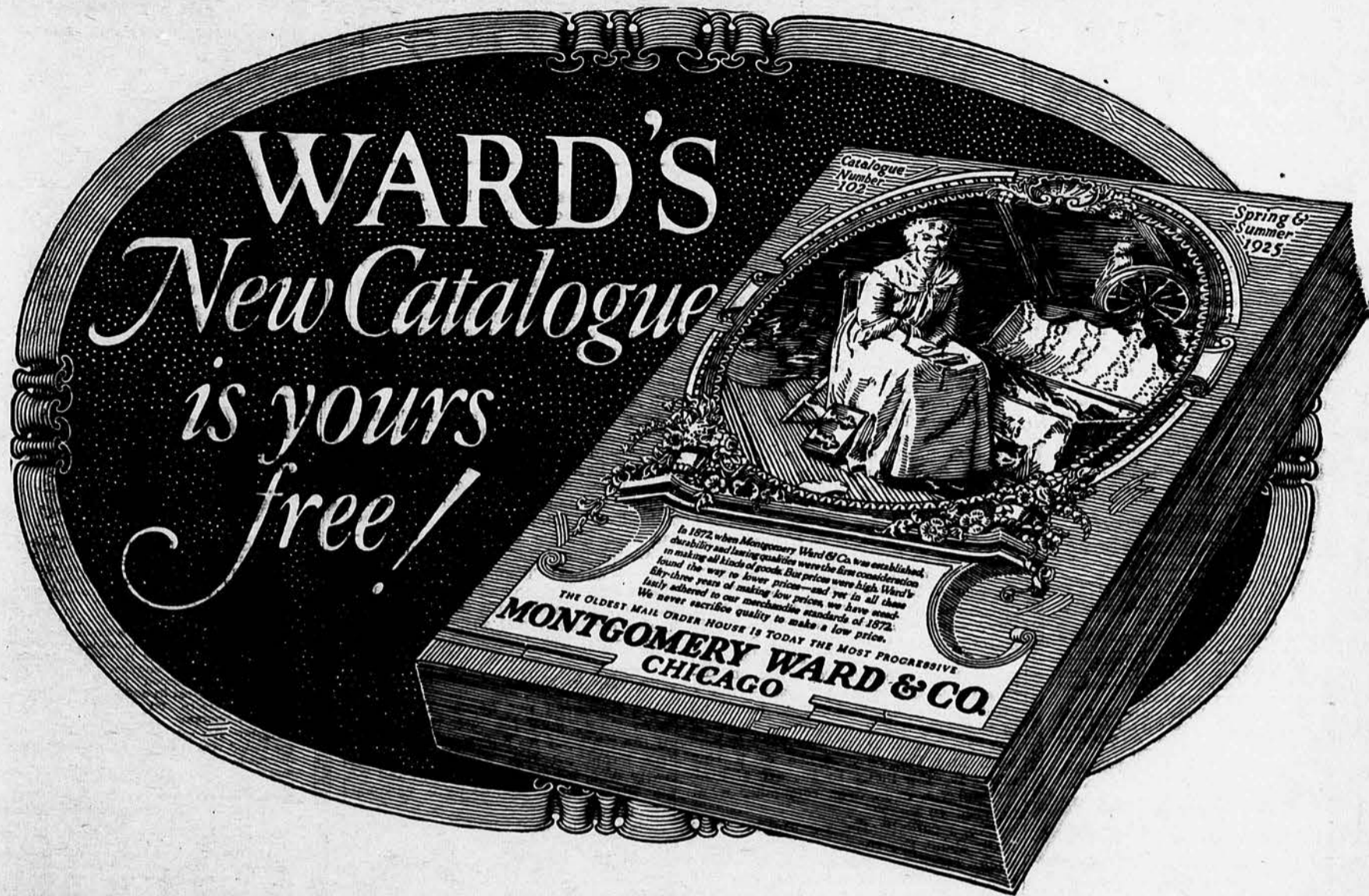
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# WHO PAYS?

By Mary Imlay Taylor

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HE DID not reply. He sat rigidly in his chair, unconsciously twisting his service cap about in his hands. He was young and very weak, and he did not measure up to the part he had cut out for himself. He was making an incredible failure under her clear eyes.

"I thought you were fond of me," he said at last, sullenly. "I can't imagine why you won't believe me. You're—why, you're as good as accusing me! I can't help it if he has to suffer. I—I tell you I'm sorry for him!"

"But you saw him at the Pennsylvania Station?" she persisted.

He stiffened up a little.

"Yes, I did. I've said so all along."

"Then can't you help him, Harold?" she pleaded. "It's terrible for him!"

You see, I have faith in him—he's always been so honest, so American. And these old people, the Chubbs—they're not related to him, but they're as much distressed as if he were a son. Isn't there something you can do or say, Harold, to help him?"

"What can I say?" he cried impatiently. "Suppose we lost them between us—the letters, I mean—and I attempted to shield him; I should be in the same box in a minute. It turns out that one of them was very important, and there's a deuce of a row about it. I'm lucky to get off at all."

"And you can't even remember what he said to you?"

"No, I can't!" He rose and began to walk about the room, flushed and nervous.

"Nancy, I haven't seen you for two weeks—nearly three, in fact—and is this all you've got to say to me? I've had enough of it at the camp. I"—he stopped suddenly and forced a smile—"I'm a terrible cub! Forgive me, Nancy!"

"Business With Zedlitz?"

"You were here that night—the night the letters were lost—dining at the Zedlitz house, weren't you, Harold?"

He started. He was taken unawares; then his mind flashed to a memory of Roxanna in the hall. What a fool he was! Of course she knew.

"I came down here for a few hours on business. I—I had business with Zedlitz. I didn't know you were here. If I'd known it, I should have come here; you must know that, Nancy!"

He came over and flung himself down on a seat beside her. "I see, you think I've neglected you! That's it, isn't it? And all the while I've loved you better than any one else in the world! Won't you forgive me, dear?"

Nancy turned her pale face toward him. He was alarmed by her eyes; he had never seen them look like that before.

"Harold," she said quietly. "I wasn't even thinking of myself at all. This thing, this disgrace for a good soldier and a friend, has got hold of me. I was only thinking of that, and of your part in it."

"I haven't any part in it. I'm—upon my word, Nancy, I'm as sorry as you are!"

She sighed. Up to the last moment she had hoped Harold could clear away her doubts and satisfy her. If she believed in him, she would stand by him; but there was nothing either in his words or in his manner to convince her. His look, his air, his very voice, suggested a man who was not telling the whole truth, and who hated himself for it.

As a matter of fact he felt doubly guilty before her—guilty toward his fellow soldier and guilty toward her. She had never looked more lovely. He remembered with a pang those moments with Lucile when he had complained of Nancy's mother, when he had even thought that—if he dared—he would run away with Lucile.

If he dared! That was it, he told himself bitterly; he had been a coward and he had fallen into the snare. He knew now that it was a snare, and that they had robbed him of the letters.

### With Life in Ruins

Yet he dared not accuse them. To do so would spell his own ruin. And, all the while, if he had seen where his best happiness lay, where his heart really was, he would have kept out of his difficulties, would have escaped this misery!

"Nancy," he said abruptly, "we may be ordered to France any day. I think we shall be among the next to go. I don't want to go without feeling that—that you belong to me. Will you marry me, dearest, some day soon?"

As he spoke he leaned forward and took her hands in his, holding them close. She did not try to withdraw them. She let them lie in his grasp for a moment while she lifted her eyes to his face.

"Harold," she replied simply, "unless you can clear this all away, I shall never marry you."

He dropped her hands and recoiled. "I tell you I can't clear it! You're not just to me!" he cried with indignation. "You—why, you as good as accuse me!"

"I don't accuse you, but you must clear yourself, Harold, for you have been accused to me."

"Do you mean to tell me that he—that David has accused me to you?" he demanded passionately.

She shook her head with a sad smile. "How unlike David that would be! No, it wasn't David. My mother accuses you, Harold. She says you received the letters and lost them."

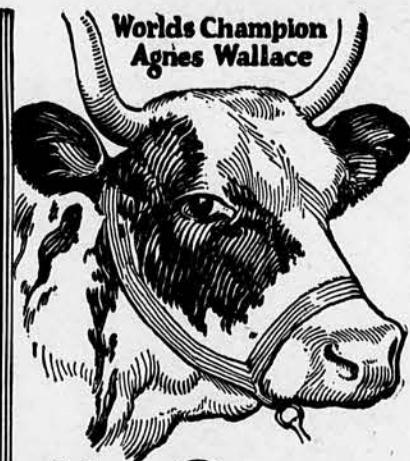
He turned pale.

"Your mother? What does she know about it, what can she know about it?"

"I think she knows that Zedlitz has the letters."

"Good Lord!"

The exclamation was wrung from him. He saw ruin yawning at his



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Well Just See Who's Here!



feet. There were things that he did not know himself. Had Zedlitz betrayed him? Or Lucile? He remembered Roxanna had once been an inmate of the Zedlitz house, and his worst fears were confirmed. He almost reeled back against the wall, passing his hand over his eyes.

"Harold," said Nancy, "it's true! I can see that it's true—you lost those letters!"

He made no reply, but leaned on the mantel, his head on his hand. Nancy took a step forward and laid her hand, trembling and pitiful, on his arm.

"You must tell them," she said gently. "You'll have to tell them, Harold. You can't let an innocent man suffer for you. If you lost them—if if they got them away from you, even if you know they stole them, it isn't as bad as if you gave them away. I know you didn't do that!"

"No!" he answered mechanically, bitterly, without apparently considering her. "I didn't do that!"

"Then—then surely there's some excuse! But—whatever may come, you must hear it, Harold. Oh," she pleaded eagerly, passionately, "you've only just remembered it all—isn't that it? You didn't mean to accuse David! Harold, you'll set it right, won't you?"

He made no answer. He was torn by conflicting emotions, horrified at the thought that he might be cornered. Even then it did not reach him that he was a coward not to face it. He thought only of self-preservation.

Then he raised his eyes to Nancy's, and again he thought that he had never seen her more beautiful. He loved her—he was sure now that he loved her. Lucile had bewitched and befuddled him, and he had behaved like a cad. He hated Lucile for it!

"Nancy," he exclaimed with sudden passion, "I love you! You're all the world to me. Don't look at me like that!"

But she drew back. "Will you tell them the whole truth, Harold, no matter what it is? Will you clear David?"

He had already tasted the bitterness of such a disgrace, and he could not make up his mind to face it. He was willing to snatch at any straw.

"You're still dreaming!" he said resentfully. "I've never said that it was true—this thing you imagine. You don't love me, or you wouldn't ask me to disgrace and ruin myself. I—I can't do that even for you!"

Nancy said nothing. She walked slowly to the door of the inner room and stood there for an instant, looking at him sadly, appealingly, with tears in her eyes. In that instant it seemed to flash in upon her that her old life had tumbled into ruins; or perhaps it had all been unreal, and this terrible test of her mother's advent into it had dissolved the very tissue of its dream. Even Harold, the Harold whom she had loved, had utterly vanished, and this was a stranger and a weakling. She averted her eyes.

"Good-by!" she said gently and not unkindly.

Then she went out and shut the door behind her, leaving him alone.

Longing for Nancy

Susan Blair came softly into her husband's library, found her knitting-bag without interrupting him, and quietly seated herself beside the window. She began to pick up some stitches she had dropped when the cook came to tell her the fish had not yet arrived for dinner. It was meatless day, and the failure of the fish had meant a hasty revision of the menu. Susan hated to give the judge anything so indigestible as fried oysters, but there are moments when one has to sacrifice safety to necessity, and she had ordered them fried in fritters.

She was thinking of this when she sat down, and she stole a look at her husband to assure herself that it was not, after all, so rash as it would have been four months ago. He was certainly better. He had gained flesh, and there was even a little healthy tan on his face—a reminder of some days of fishing on the lower Saranac; but he was not himself. He had never been himself since that stormy scene when Nancy and he had parted because the girl felt she must take pity on her mother.

Susan remembered it with a sigh. She understood Nancy, she could see how the girl felt; but all the while she believed Roxanna had used her ill-

health to work on her daughter's feelings, and the ruin her selfishness had made aroused Mrs. Blair's slow but righteous indignation. Nancy was still Judge Blair's daughter, but never again could she hold her head high, never again could she shake off the scandal of her wayward mother. Such selfishness, Susan thought, and looked lovingly at the picture of Nancy on the wall behind her husband's chair. How cruel it was, but how inevitable! The child must suffer for the parent's sins.

If Nancy would only come back to them! Of course she would come back, Susan supposed, for she would have to divide her time between her mother and her father; but the thing was done—it could never be undone now! That wretched, selfish, wayward woman—what could she be like to bring such misfortune on an innocent girl whom they had tried so hard to protect? And to keep her in such a place, too! Susan thought of those small, hot upper rooms, over the shop, and then her eye traveled over the familiar library, with its wealth of good books, and the sedate old-fashioned drawing-room beyond. How Nancy, must miss them!

From where she sat she could see the bay window. She remembered how often Nancy had stood there, looking toward the park, and telling her of the progress of the leaves as they came out in the spring or gradually dropped in the autumn and whirled aimlessly along the street. Nancy had always liked the house; it was her home. How intolerable to take her out of it, even for a while, and to make it seem different to her forever!

The knitting dropped on Susan's lap, and she looked again at her husband. She longed to talk to him, but she dared not. He had been terribly angry. He was writing steadily, busily, occasionally looking for a reference or turning a page. He had entirely forgotten her.

Another Fateful Interview

Susan rose, knitting and all, and walked slowly into the drawing room. It was just as usual, the same gleam of dull gold frames, the same glimmer of polished wood, the old candelabrum on the table by the door; but it lacked flowers. Nancy had always had flowers. It was like a breath of youth,



What Mr. Wallace Said

FORMER United States Secretary of Agriculture, the late Mr. Henry C. Wallace, reported to President Coolidge, Nov. 30, 1923, on the wheat situation:

"It is quite apparent," said Mr. Wallace, "that the Canadian farmer has advantages which enable him to produce wheat at materially lower costs per bushel than the American farmer.

"The Canadian wheat farmer enjoys substantial advantages over the American producer in the matter of yields, land values, the quality of wheat he produces, and the lower freight rates from points equally distant from markets.

"The yield of wheat, which is a very important factor in the cost of production, is materially higher in Western Canada than in many of our wheat-producing States.

"The freight rates from points in Montana are from 7 to 10 cents a bushel higher than the rates in Canada for the same distances to Port Arthur and Fort William at the head of the Lakes, from which the rates to Liverpool under normal conditions are substantially the same as from Duluth."

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**Grown From Select Stock—None Better**—55 years selling good seeds to satisfied customers. Prices below all others. Extra lot free in all orders I fill. Big free catalogue has over 700 pictures of vegetables and flowers. Send your and neighbors' addresses.  
**R. H. SHUMWAY, Rockford, Ill.**

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Destroy the fungi and worms; be sure of larger yields of perfect fruit.

**Stahl's Excelsior Spraying Outfit Prepared Mixtures**

are used in large orchards everywhere; highly endorsed by successful growers for thirty-six years. 20 models, power or hand types. Write for free catalog containing full treatise on spraying fruit and vegetables.

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SCARIFIED \$ 2.75 PER BU

Write today for free samples and special wholesale prices. We can save you big money. Our seed is tested. Guaranteed and sold on 60 days' approval. Investigate this wonderful crop. Grows anywhere. Cheap to sow. Best fertilizer—wonderful pasture and hay. Big money-maker. Crop often worth \$60 per acre. Our superior scarified seed assures a stand with less seed. Write today for free samples and catalog. Low prices on Alfalfa, Clover, Alsike, Timothy, etc.

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### Red Clover, \$13 Per Bu.

Alfalfa, \$7.50; Sweet Clover, \$7; Alsike, \$10; Timothy, \$3.50. Tests 96% pure. Bags Free and price list upon request. Write us today.

**STANDARD SEED COMPANY**  
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### CLOVER 2.00 PER BU.

lower in price today than we will ask later. Act quickly. Crop short, market advancing. Buy now your Grass Seed. Have wonderful value in high grade tested Iowa grown Clover. Also Sweet Clover, Alfalfa, Hays, Timothy and all garden seeds. Our prices save you money. Don't wait and miss more money. Write today for Free Samples, special prices and full catalog.

**A. A. BERRY SEED CO. Box 135 CLARINDA, IOWA**

- 20 CONCORD GRAPE VINES - \$1.00
  - 8 ELBERTA PEACH TREES - \$1.00
  - 8 ASSORTED APPLE TREES - \$1.00
- All postpaid, healthy and well rooted stock. Catalog FREE. Box J, Fairbury Nurseries, Fairbury, Nebr.

### BUY WOOL \$2.58 Comfort Batts

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Box 1323, Charlotte, N. C.

that perfume of flowers; it had gone with Nancy.

Susan sighed again and looked out of the window. Almost at the steps she saw a tall, graceful, black-clad figure and a tragic face. She recoiled with a gasp. It was that woman again!

A panic seized her. She did not know what to do, but she felt that she must do something, for Roxanna had ascended the steps and rung the bell.

The judge, who was still writing, did not hear it, but he felt his wife's trembling touch on his shoulder.

"Sedgwick," she panted, "she's here again! She's just rung the bell!"

He looked up in surprise.

"What do you mean?" he asked with a little impatience.

His wife was flushed and unhappy.

"I mean Roxanna," she whispered.

"What shall I say? The girl's going to the door."

He laid down his pen.

"I'll see her," he said grimly.

Susan, bent on flight, made for the door but she was too late. Roxanna had followed the servant down the hall, and they came face to face. Mrs. Blair drew back as if she was the guilty party, and the judge rose slowly to his feet; but Roxanna came in and shut the door behind her.

"Don't go," she said to Susan as the latter turned toward the drawing room, the nearest haven of refuge. "I have little to say, and I can say it to you both. In a way, it concerns you both."

As she spoke, she moved slowly across the room until she faced her former husband. She was calm. Her old tempestuous self seemed to have disappeared; she was more like a woman who had been drawn thru such mortal agony that all the life had been dragged out of her.

Judge Blair seemed to realize it, and some of his pitiless anger against her died down. He offered a chair.

"Sit down, Roxanna," he said. "You still look ill."

But she refused the chair and remained standing.

"I'm not ill. I am so strong that I'm able to take up work again. But I didn't come here to tell you that. Of course you know of the trouble about David Locke? You must have heard of it."

"Yes," replied the judge. "Mrs. Blair's nephew, young McVeagh, has told us something of it. I can't understand it. I believe there's a mistake. In fact, I am going down to the camp to see about it, to see if I can do anything."

"It will not be necessary," replied Roxanna. "The papers were found this morning in the Zedlitz house. You remember"—she looked at him now, and something like a flame leaped in her tragic eyes—"you remember their accusation of me? It was all false. They wanted to discredit me because I suspected them. When this thing happened, and I saw how David must suffer—as I had suffered—I guessed what it was. I knew—I had been told by Marion Grant and by Mr. Chubb—that Harold was mad about Lucile. The night the letters were lost I was downstairs. It was midnight, and I was talking to David Locke at the door, when Harold came in. He had been at the Zedlitz house, and he showed that he was in great distress of mind. David spoke of the letters, and Harold denied receiving them. After he had gone, I talked with

David, and I guessed what had happened. I went to the Zedlitz house and found out."

The judge interrupted her sharply.

"You were always headlong, Roxanna! How did you find out? This is serious—this ruins Harold McVeagh."

#### Real News From Roxanna

"And he's engaged to Nancy!" cried Susan, forgetting herself.

Roxanna smiled sadly.

"Let me finish," she replied.

"There's a girl there, a servant at the Zedlitz house—I did her a kindness once, and she promised to return it. I went there that night and saw her. She knew what had happened, for she has been little more than a spy there. She knew Lucile brought Harold home to dinner in her motor. It was a pleasant afternoon, and he went out to the tennis court and took off his coat to play a match with Zedlitz. The girl saw Zedlitz's man get the letters out of the coat pocket. When Harold missed the letters, she said he was like a crazy man, and Lucile took him down and showed him the mysterious cellar—the cellar where they hatch their plots. Then he went away, still like a madman. Lucile was in a mad mood, too; she terrified her maid. Harold thought Zedlitz had taken the papers with him. Gramplan dined there—after he interviewed me for you," she added bitterly, "and Zedlitz took him to the station. It was then that Lucile showed Harold the cellar and frightened the maid. The letters were in the house all the time—I made sure of that; then I told Nancy to question Harold. I gave him a chance to tell the truth, but he wouldn't. He wouldn't deny it, and he wouldn't admit it. Nancy saw that he had lied to save himself, and she broke her engagement."

Susan Blair sank into a chair.

"I—I can't believe it of Harold!"

The judge said nothing. He was leaning one hand heavily on the table, and his eyes were fixed on his first wife.

"It's proved by this time," said Roxanna coldly. "I told the authorities, and Zedlitz and Lucile were both arrested. They found the letters in the house."

"When did this happen?" the judge demanded sternly. "This is terrible! Harold is a nephew of ours, he's an officer, and it's intolerable!"

"He didn't mean to do it," Roxanna replied more kindly. "That's quite clear. Lucile has confessed, to save herself. She always quarreled with Zedlitz, and she's given it all away. The Secret Service men found important papers and sketches in the cellar. There was a code-book, and there's a report that they had advance information about the transports."

Judge Blair turned a stern face toward his wife.

"Susan, I fear I can do nothing. Harold will have to suffer for it; and he ought to suffer for it. It means disgrace for him."

"Oh, Sedgwick," she cried, "I'm thinking of Nancy! This is terrible for her, poor child!"

He glanced across at Roxanna, and his look was eloquent. It seemed to accuse her of all this accumulated misery.

"This is your handiwork," it said plainly. "Why didn't you leave Nancy alone?"

(TO BE CONTINUED)

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**\$750**

**After 30 Days' Free Trial**

The Melotte contains the famous suspended self-balancing bowl. Positively cannot get out of balance therefore cannot vibrate and remix cream with milk. Closest skimming—easiest running—easiest to clean—less parts than any other separator. Guaranteed for 15 years. Great international prize winner. Your choice of any model. Pay nothing until after you have used the Melotte on your own farm for 30 days. Then only \$7.50 and small monthly payments. Write today for free Separator book containing full description. Then try the Melotte free for 30 days. Give it every test—compare it with others. Remember—no money down. 30 days' Free Trial—Easy Monthly Payments. Write for the catalog NOW!

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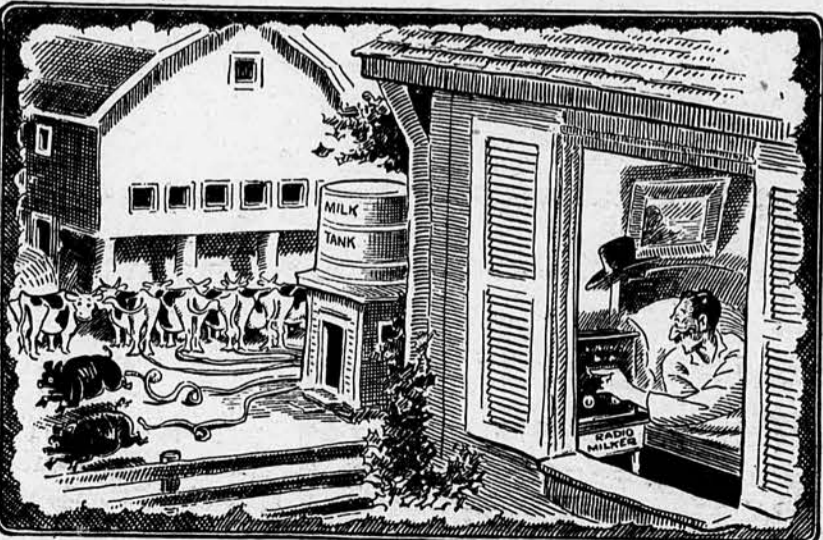
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**CAPPER'S FARMER, Dept. 13, Topeka, Kan.**



From Station KSAC

Sunday, February 1, 1925
Radio Rural Sunday Service
P.M. 8:00—Piano Voluntary
8:05—Special Sacred Music
8:10—Prayer of Affirmation
8:15—Hymn
8:20—Practical Talk, "Common Folks"
8:35—Song of Benediction
Monday, February 2, 1925
Opening Exercises for Rural Schools
A.M. 9:00—March
9:02—Music Lesson
9:07—Music for Singing Exercises
9:15—Inspirational Talk... Department of Education
9:20—Callisthenics... Department of Physical Education
Housewives' Program
A.M. 10:00—"Back Yard Gossip"
10:05—"All Round the House"
10:10—"Questions and Answers"
10:20—"Suggestions for Today's Meals"
Under Direction of Miss Amy Kelly
Noon-day Program
P.M. 12:30—Readings... Osceola Hall Burr
Weather Report
Legume Hay as a Feed... J. W. Linn
Radio Question Box
Plans for Summer Pasture... A. W. Knott
"College of the Air"
P.M. 7:20—College Bell and Quartette
7:30—Spotted Poland China, Hampshire and Berkshire Breeds... A. D. Weber
7:40—Radio College Quartette
7:50—Keeping of Herd Records... J. B. Fitch
Tuesday, February 3, 1925
Opening Exercises for Rural Schools
A.M. 9:00—March
9:02—Music Lesson
9:07—Music for Singing Exercises
9:15—Inspirational Talk... Department of Education
9:20—Callisthenics... Department of Physical Education
Housewives' Program
A.M. 10:00—"Back Yard Gossip"
10:05—"All Round the House"
10:10—"Questions and Answers"
10:20—"Suggestions for Today's Meals"
Under the Direction of Miss Amy Kelly
Noon-day Program
P.M. 12:30—Readings... Osceola Hall Burr
Weather Report
Making Plans for the Farmstead
Walter G. Ward
Radio Question Box
Seed Experiences... H. R. Sumner
"College of the Air"
P.M. 7:20—College Bell and Music
7:30—Varieties of Alfalfa... S. C. Salmon
7:40—Music... Under Management of Mrs. G. W. Salisbury
7:50—Artificial Method and Some Problems to Overcome... L. F. Payne
Wednesday, February 4, 1925
Opening Exercises for Rural Schools
A.M. 9:00—March
9:02—Music Lesson
9:07—Music for Singing Exercises
9:15—Inspirational Talk... Department of Education
9:20—Callisthenics... Department of Physical Education
Housewives' Program
A.M. 10:00—"Back Yard Gossip"
10:05—"All Round the House"
10:10—"Questions and Answers"
10:20—"Suggestions for Today's Meals"
Under the Direction of Miss Amy Kelly
Noon-day Program
P.M. 12:30—Readings... Osceola Hall Burr
Weather Report
Farrowing Houses for the Spring Litters
Walter G. Ward
Radio Question Box
How to Make a Germination Test
H. R. Sumner
"College of the Air"
P.M. 7:20—College Bell and Music
7:30—Financing State Road Work... L. E. Conrad
7:40—Vocal Solos... Harold Flamm
7:50—The Farm Home... W. G. Ward
8:00—9:00—"Classical Musical Program"
Under Direction of Dept. of Music
Thursday, February 5, 1925
Opening Exercises for Rural Schools
A.M. 9:00—March
9:02—Music Lesson
9:07—Music for Singing Exercises
9:15—Inspirational Talk... Department of Education
9:20—Callisthenics... Department of Physical Education
Housewives' Program
A.M. 10:00—"Back Yard Gossip"
10:05—"All Round the House"
10:10—"Questions and Answers"
10:20—"Suggestions for Today's Meals"
Under the Direction of Miss Amy Kelly
Noon-day Program
P.M. 12:30—Readings... Osceola Hall Burr
Weather Report
Farm Management... I. N. Chapman
Radio Question Box
Making the Boy a Partner... M. H. Coe
"College of the Air"
7:20—College Bell and Music
7:30—Adjusting Equipment to the Individual
Harriet W. Allard
7:40—Music... Under Management of Mrs. G. W. Salisbury
7:50—The Milk Way; The Health Way
Emly Bennett
8:00—9:00—"Swede Songs and Stories"
Music Under Direction of Prof. P. P. Brauard.
Stories by Dr. H. T. Hill
Friday, February 6, 1925
Opening Exercises for Rural Schools
A.M. 9:00—March
9:02—Music Lesson
9:07—Music for Singing Exercises
9:15—Inspirational Talk... Department of Education
9:20—Callisthenics... Department of Physical Education
Housewives' Program
A.M. 10:00—"Back Yard Gossip"
10:05—"All Round the House"
10:10—"Questions and Answers"
10:20—"Suggestions for Today's Meals"
Under the Direction of Miss Amy Kelly
Noon-day Program
12:30—Readings... Osceola Hall Burr
Weather Report
Sweet Clover for Dairy Pasture... Jas. W. Linn
Radio Question Box
Give the Pig a Chance... C. G. Elling
"College of the Air"
P.M. 7:20—College Bell and Quartette
7:30—Relation of Insects to Kansas Agriculture
J. W. McColloch
7:40—Radio College Quartet
7:50—Relation of Botany to Agriculture
I. E. Meleffers
Saturday, February 7, 1925
Noon-day Program
12:30—Questions and Answers Pertaining to Radio
12:45—Lecture on some phase of Radio.

Henry Lenhart, tester, was Spot, a registered Holstein owned by Henry Hatisohl of Greenleaf; she gave 2.114 pounds of milk, containing 63.4 pounds of butterfat. He had seven cows in the herd, which averaged 1.446 pounds of milk and 45.7 pounds of fat.

How It Got to Tiel

On December 10 R. P. Marsh of Topeka enclosed a check in an envelope addressed to the Edison Company to pay his electric light bill. The letter did not show up at the Edison office. The other day Mr. Marsh received a letter from Jonkers & Co., at Tiel, The Netherlands, saying that the letter was included in a packet of mail received from John Jonkers of Topeka. Mr. Marsh doesn't remember what he did with the letter and can't imagine how Mr. Jonkers happened to find it and by mistake include it in the pack of mail he sent to his nephew in The Netherlands. The letter was not post-marked, indicating that it had not gone thru the Topeka postoffice originally.

From Denver to Chicago

Our nearby towns are small, and eggs must be "traded out" at the stores. There is almost no market for poultry, so I parcel post eggs to a friend at Marble, Colo., who sells them to private customers there. He gives

me the same price, cash, as the merchants here pay in trade, and he pays the carrying charges. He also handles quite a number of dressed turkeys, but at Christmas he could not buy all the turkeys I had for sale, so we dressed and shipped them to a reliable firm in Chicago, which paid 35 and 38 cents a pound. Express and commission charges amounted to 6 cents a pound. Neighbors who shipped to Denver only received 20 cents a pound, and they had to pay 4 cents a pound charges, so we were pretty well satisfied with our experience.

Mrs. Pearl Underwood, New Castle, Colo.

Dairymen to K. S. A. C.

Cow milking Farm and Home Week visitors will be given special attention in the dairy day program at Manhattan February 4. Representatives of the national breed associations will speak in addition to the college specialists.

The Kansas Dairy Association and the state Guernsey, Ayrshire and Jersey associations will hold business meetings that day. The Holstein meeting will be held the night of February 3.

Lambs Sold for \$18.20

Robert Louis of Cedar Point sold a carload of lambs on the Kansas City market for \$18.20 a hundred.

This Is The Grinder I Tell My Neighbors To Buy

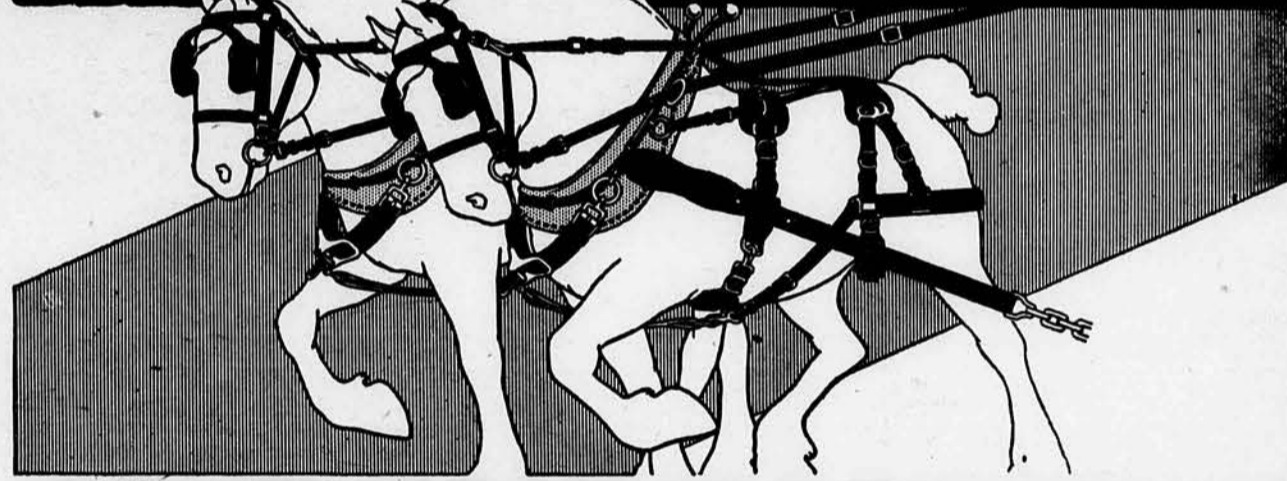
FARMERS who use Diamond Grinders recommend them to their friends. Investigate. Make comparisons. You will be convinced that the DIAMOND FEED GRINDER is the one for you to buy.

Farmers choose Diamond Grinders for their large crusher capacity, light draft, and long life. A size to fit your power. Write for circulars showing improved features, construction, and equipment of the Diamond Feed Grinder.

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The SAMSON HARNESS A Boyt-made Harness at a Low Price

GOOD, dependable harness is the most necessary, yet least costly implement that a farmer uses. Samson harness, the new economy harness made by the Walter Boyt Company, fills the demand of the farmer who is looking for a full money's worth of harness dependability at a lower price. Be sure to see it before you buy harness this season. The Samson economy harness is an all-value harness. You get your money's worth; and more too, by every known comparison of harness values that you can make. Carefully selected, tough, steer-hide

leather of great tensile strength is used. The hardware is all good. Conscientious workmanship, then the Boyt inspection test, deliver the kind of a harness from our factory that you have a full right to expect.

The Samson harness will deliver dependable service year after year. Should you ever have occasion to sell it, the resale value will be higher than that of ordinary harness because it will wear longer, and because it is made by harness manufacturers whose good reputation as harness makers to the American farmer is known in every farm community.

THE BOYT HARNESS

The farmer who is willing to pay more for a set of harness than the price of the Samson economy harness, will find in "Boyt," "Standard Work Harness of America," at \$78.00, the finest work harness ever made.

See this Better Harness--Save \$10

The Samson economy harness sells for \$69.50, with 1 1/2 in. trace \$67.50. Look it over, inspect it carefully and your good judgment will tell you that it is as good or better harness value than other harness selling this year for \$5.00 to \$10.00 more.

If there is no dealer near you who can show you the Samson economy harness, we will gladly ship one direct from the factory, freight charges prepaid. Write today for illustrated circular, completely describing this wonderful harness value.

Walter Boyt Company 230 Court Ave. Des Moines

Compare these Features of Samson Harness with Harness that Sells for \$75 and More.

- The Samson Trace is 1 3/4 inches wide. Other harness that sells for \$5.00 and \$10.00 more has 1 1/2-inch traces. A trace is the part of ordinary harness that usually wears out first. The Samson Trace is not only wider, but is designed and made better, and from more carefully selected stock than the average trace. Smooth, nickel rust-proof buckles and hardware are used in 40 different places on the Samson Harness. Heavy brass rollers eliminate friction wear on the straps. The Samson Belly Band is made from one piece of solid stock, and will outlast two of the ordinary belly bands made from folded stock. A special dee and snap save half the time in hitching. Other special features that make the Samson Harness the greatest value for the money that you can get, are fully outlined in a special circular just prepared. Write for a copy.

Mail this Today

To Walter Boyt Co. 230 Court Ave., Des Moines, Iowa

I am interested in your new Samson Harness, which you say is lower in price than any other similar quality harness on the market. Please send me full particulars and tell me how I can examine a set, without obligation.

Name Post Office R. F. D. State

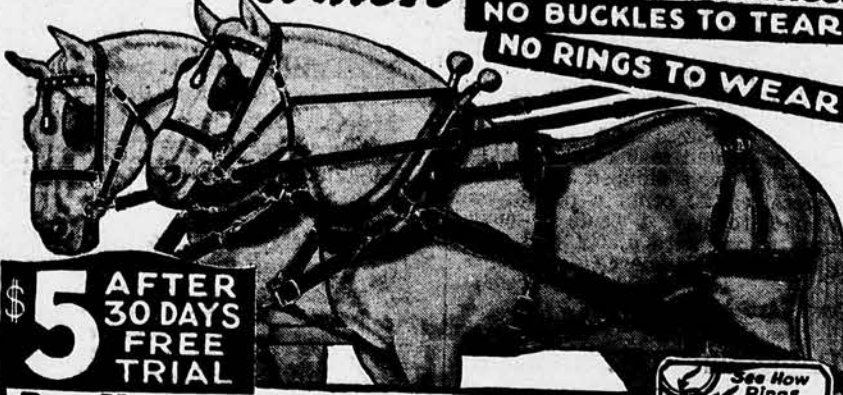
The highest producing cow in the Washington County Cow Testing Association for December, according to



Made in All Styles, Breechingless, Side Backer, Express, etc.

# Walsh No-Buckle Harness

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NO RINGS TO WEAR



**\$5 AFTER 30 DAYS FREE TRIAL**

**Post Yourself** on this new way of making harness, which is three times stronger than buckle harness. Before you buy Trial, to show you why this harness is three times stronger without buckles, better looking and handier in every way. If not convinced, send it back at my expense. The Walsh is a proven success on thousands of farms for over 8 years.

**Three Times Stronger Than Buckle Harness**  
Buckles weaken and tear straps. Walsh 1 1/4-inch breeching strap holds over 1100 lbs. The same strap with buckles will break at the buckle at about 350 lbs. pull. Ordinary harness has 68 buckles. Walsh Harness has no buckles. Easy to see why Walsh is three times stronger than ordinary harness. Packer's Northern Steer Hide Leather—best that can be tanned.

**COSTS LESS — LASTS TWICE AS LONG**  
The Walsh Harness costs less because it saves many a dollar in repairs. Users show average repair cost of only 9 cents per year. No patching, no mending, because no rings to wear straps in two, no buckles to weaken and tear straps. Greatest advance in harness making. Easily adjusted to fit any horse. Write today for new reduced prices.

**\$5 AFTER THIRTY DAYS' FREE TRIAL**  
Balance easy payments, or cash after trial if you wish. Write today for free book, prices, easy payments and thirty days' trial offer, also how to make money showing Walsh Harness to your neighbors.  
**James M. Walsh, Pres., WALSH HARNESS CO.**  
336 Keefe Ave., Milwaukee, Wisconsin



Your Copy Is Ready - Write Today

# Judges Name These Winners

## Ben Kohrs of Dickinson County Did Excellent Work and Took First Place

BY RAYMOND H. GILKESON  
Club Manager

EVER since the day we sent a telegram to Paul Tewell, Bourbon county, telling him that his team won the pep trophy, we have been working on the final contest reports to determine who the winners are in the open contest, and now we know.

I'm sure every club member feels that the club work in 1924 was well worth the time it took. As a matter of fact that is proved by the number of old members who already have lined up for another year's work. Card after card has been returned to the club managers saying, "I wish to enroll for another year in the Capper Pig Club." If you haven't sent in your card so far, do so within the next few days. Every old member is welcome and every boy in Kansas who would like to raise purebred pigs, also is urged to join with us and help make this next year's work happier and more profitable than ever.

lowest just a little more than 1 cent. We figure these costs at the prices given in the contest record book so every club member had an equal opportunity to make a record in that part of the work. It isn't always the low cost that produces the best work, however, so we must remember that for another year. It would be possible to make the hogs live on a very slim ration, but where would the profit be at the end of the contest? You will be interested to know that Ben Kohrs produced 2,765 pounds of pork at an average cost of between 1 1/2 and 2 cents a pound.

### Line Up for 1925

In the father-son contest the first prize goes to Linn county folks again, Clark Howerton and his father, M. E. Howerton. If you ever attended the annual pep meeting in Topeka, you most likely met these two club boosters. They are a mighty peppy pair and always ready to boost for the Capper Pig Club.

### Here are Leaders

Now take a look at your contest rules so you will know just how much these boys win. Thru sticking to the job and doing everything they could to make the most of their contest work, these boys have come thru the Capper Pig Club contest, winners. And that means a great deal—out of hundreds of contestants the judges have selected the boys named here as leaders. You remember the final records were graded on: Pounds of pork produced; cost a pound; net profit; accuracy and neatness of records and the story about the contest work. The names follow in order of placing:

Name	County
Ben Kohrs	Dickinson
Ernest Knox	Sumner
William Sterbenz	Lyon
Elmer Hodges	Franklin
Harold Duffy	Marshall
Merle Wright	Barber
Lester Ziegler	Morris
Clifford Knight	Anderson
Arthur Bridge	Barber
Merle Crispin	Jewell
La Verne Renner	Dickinson
Donald Pierce	Dickinson
Dean Reddick	Osborne
Walter Strirat	Marshall
Anthony Mehlinger	Edwards

Checks will be sent these boys right away, and the big trophy cup and prize checks will go to the Bourbon county boys who made such a good fight in the pep race.

Each club member who has completed his work will receive a personal acknowledgment from Senator Arthur Capper in the form of an achievement certificate or certificate of honor. Altho all of us could not win a prize, or let us say a cash prize, we have gained many things worth while. Think of the new friends, the new experiences, the business started on its way and valuable knowledge gained. All of you, club members, have done well, and Senator Capper and the club managers congratulate you most heartily.

The way is open for many, many more boys to get into this lively club work. Simply send in the coupon on this page, after you have properly filled it out. Let's make 1925 even better than 1924.

### Caught a Gray Wolf

Fred Shaffer, a 15-year old son of Mr. and Mrs. Sam Shaffer, who live 7 miles northeast of Parsons, recently trapped and killed a 75-pound gray wolf.

### Hereford Men Will Meet

The Kansas Hereford Breeders' Association will meet at 4 o'clock February 5 at Manhattan; this is at Farm and Home Week at the agricultural college. B. M. Anderson of the department of animal husbandry, Kansas State Agricultural College, Manhattan, is secretary. All folks interested in white faced cattle, whether they are members of the association or not, are urged to be present.

### This Cow Was Busy

J. F. Martin of Delavan has a Holstein cow which netted \$187 last year above the cost of the feed, which was \$76—this animal was the high cow of the Morris County Cow Testing Association. She produced 541.4 pounds of butterfat.

### Did Good Work

It is very interesting to examine the records made by the members for 1924. Take the highest profit record, for example. Ben Kohrs takes first in that also, and of course, he will get the profit trophy cup. He also wins first for producing the greatest number of pounds of pork. It is somewhat unusual for one member to win first in open contest, first in profit and in production. The record Ben Kohrs made just shows that he was right on the job all thru the contest and handled his work in the best possible manner.

The costs of producing a pound of pork have a rather wide range. The highest reported is 7 cents and the

## Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas.

I hereby make application for selection as one of the representatives of \_\_\_\_\_ county in the Capper \_\_\_\_\_ Club.  
(Write Pig or Poultry Club.)

If chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail & Breeze, and will make every effort to acquire information about care and feeding of my contest entry.

Signed..... Age.....  
Approved..... Parent or Guardian  
Postoffice..... R. F. D..... Date.....  
Age Limit: Boys 12 to 18; Girls, 10 to 18.  
Address—Capper Pig and Poultry Club Managers.

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Balance in small monthly payments on Galloway's easy payment plan. Write for the four ways to pay for a Galloway and find the plan that helps you the most.

90 DAYS TRIAL  
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PROMPT SHIPMENT GUARANTEED

MADE IN 4 SIZES FROM 375 POUNDS TO THE BIG 880 POUNDS CAPACITY



"I SAVED \$40.00 BY GETTING A Galloway"

S. C. McCLAIN, NEBRASKA

Thousands of farmers write us on the big savings in dollars and cents they have made by buying a Galloway Cream Separator. Others write of long service, close skimming, ease of cleaning and smooth running. "Used a Galloway 11 years, never cost a cent for repairs," writes J. A. Francis, of Utah. "The Galloway paid for itself the first month," says J. M. Gaddis, of Kansas. "Cream tests 48 to 64 since using a Galloway," writes Mrs. E. B. Burgess, of Oklahoma.

The Galloway Cream Separator Leads the World—has features of construction, unequalled by others, that give longer service, easier, more economical operation and closer skimming. Test a Galloway on your own farm 90 days. Use it. Compare its results. If it does not come up to all our claims, ship it back at our expense. If you like it, keep it, and pay for it on easy terms. Get all the facts about its low-speed bowl, gears in bath of oil, and other special Galloway features.

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Tells about the new prompt service, low prices and guarantee of the Greater Galloway Company. Gives low prices on Gas Engines, Spreaders, Separators, Household and Farm Equipment, Farm and Garden Seeds, Nursery Stock, sold on the famous Galloway plan, direct-from-factory-to-farm. THE GALLOWAY COMPANY, Box 47 WATERLOO, IOWA.

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# Lacta CREAM SEPARATOR

Imported duty free from Finland, one of the world's most famous dairying regions!

The vibrationless bowl skims and delivers better than 99% of butter fat. Lacta's records have never been beaten in competition. We challenge the world to equal Lacta's performance in close skimming. Lacta is also the easiest of all separators to clean and sterilize.

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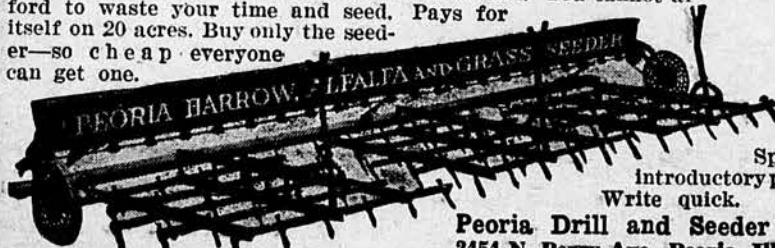
Just select the size you need—it will come to you at once. Try it out in your own way. Note the easy starting, easy running, simplicity of construction and your increased cream production. If after trial you are dissatisfied, return the Separator at our expense. **\$24.00** Made in five sizes..... **\$24.00 UP**

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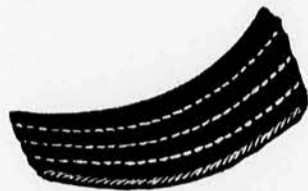


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If you cut a strip of rubber from a "U. S." Boot, you'd find it would stretch more than five times its length—and snap back into place every time, like an elastic band.

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No wonder farmers everywhere are finding that "U. S." means longer wear!

You'll find every type of rubber footwear in the big "U. S." line. Ask for "U. S."

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"U. S."  
Walrus

# "U.S."

Boots

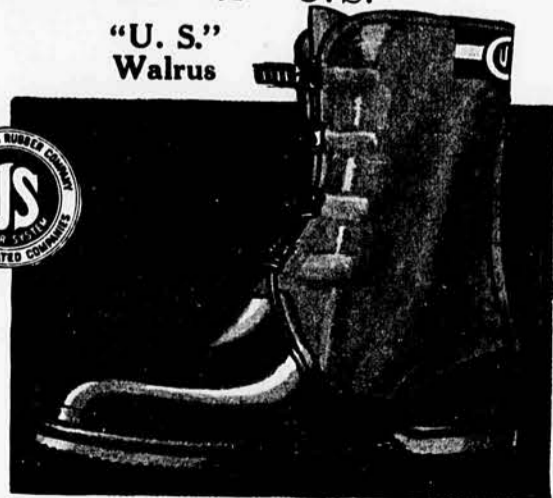
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1 YEAR TOPS
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1 YEAR TOPS
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1 YEAR TOPS
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1 YEAR TOPS
- 1 Golden Winesap APPLE 2-3 FEET, 2 YEAR ROOTS, 1 YEAR TOPS
- 1 Superb APRICOT 2-3 FEET, 2 YEAR  
ROOTS, 1 YEAR TOPS

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All Hardy, First-Class, Nebraska-Grown Stock

5 Trees of Each Variety FREIGHT PAID ANYWHERE **\$12.80**

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**Sapa Plum** Very fine, hardy. Dark purple skin. Rich hard purple-red flesh. One year trees in nursery very hardy growers and often have many fruit buds.

**Hanska Plum** Bright red, heavy blue bloom, firm flesh, rich fragrance, bears early in abundance. Better than 1½ in. diameter. Trees hardy growers.  
*(All four plums will grow anywhere from Texas to Canada)*

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Those six wonderful fruit trees are in this special offer for \$2.98.

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All these are guaranteed true to name. Should any tree, though, from any fault of ours, prove not true to label, I will on proper proof, either replace double the number or refund the price paid for such trees and 6 percent compound interest. All stock is first-class, hardy and Nebraska grown.

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ANNUAL CATALOG  
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Old Trusty  
Incubator**

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Money from chickens raised the Old Trusty Way, bought this magnificent bungalow for Mrs. John Schneider, La Plata, Missouri



Among other things, Old Trusty helped Mrs. Clarence Lee, Grantville, Kan., get this Ford automobile.



The beautiful home built by Mrs. Rose Knauss, Altoona, Pa., from Old Trusty earnings



H. H. JOHNSON  
"The Incubator Man"

## You, Too, Can Make Big, Extra Earnings from Poultry with "OLD TRUSTY"

I will be glad to help you. For 32 years the Johnson family has shown raisers of poultry "how" to get *The Extra Profits* that make poultry raising an important part of the family income.

Thousands of Old Trusty Customers, living in every part of America—on farms, in small towns and big cities—will tell you that we have shown them the best, surest, easiest, simplest, most pleasant and most profitable way to raise poultry. These time-tested Money-Making Poultry Ideas, which have helped more than One Million Old Trusty Customers, are yours—for the asking, free.

As a good many readers of this magazine know, we build and sell Old Trusty Incubators and Brooders. But the most important side of our business is to HELP our customers make profits with our machines. Each year we write and print our Annual Catalogue with this thought in mind. Our book this year is the most helpful one ever published. It is written from an experience of 32 years.

### Let Me Send You a Copy of This Book

Simply send me your name and address. I will also quote you my special "early-buyer" price on Old Trusty, tell you why it is different from most incubators and why you can make more money with it. Most folks know what a good incubator is for, but Old Trusty owners know that they have one of the greatest incubators made for producing big hatches of strong, healthy chicks every time.

Mrs. R. D. Banhart, Denning, Ark., April 11th, 1924, wrote: "From 88 fertile eggs I got 76 chicks. I haven't lost a single one so far. I think it is the best incubator on the market for bigger hatches." The reason why is in its construction. A snugly built, warm, cold-proof case made of genuine clear-grain California Redwood, covered with thick insulation, covered again outside with galvanized metal.

**A Woman's Word About Poultry**

"I am glad to act upon Mr. Johnson's suggestion and give the readers of this Magazine a woman's word about Poultry raising. Old Trusty makes profits. There's no doubt about that. We always keep several machines going during the winter and the following Spring have several yards of fine flocks. Even one hatch pays back the entire cost of the machine and eggs with a big profit and you can make several hatches during the season. My brief message to you would be simply this: Send for the Old Trusty catalog and see what you can do also. —Yours truly, Mrs. H. H. Johnson."

A pure copper, hot water heating system, with thermometer and regulator, and all details simple and easy to understand. Even if you never saw an incubator before, you could operate Old Trusty and make big hatches right from the start. "I purchased an Old Trusty in 1923, had never seen one work before and did not know anything about one. I followed your instructions and had two fine hatches. I do not believe there is any better on the market,"—wrote Mr. Robt. Collins, Bunker Hill, W. Va., last April.

### Let Old Trusty Bring Your Family Money, Comforts and Pleasures

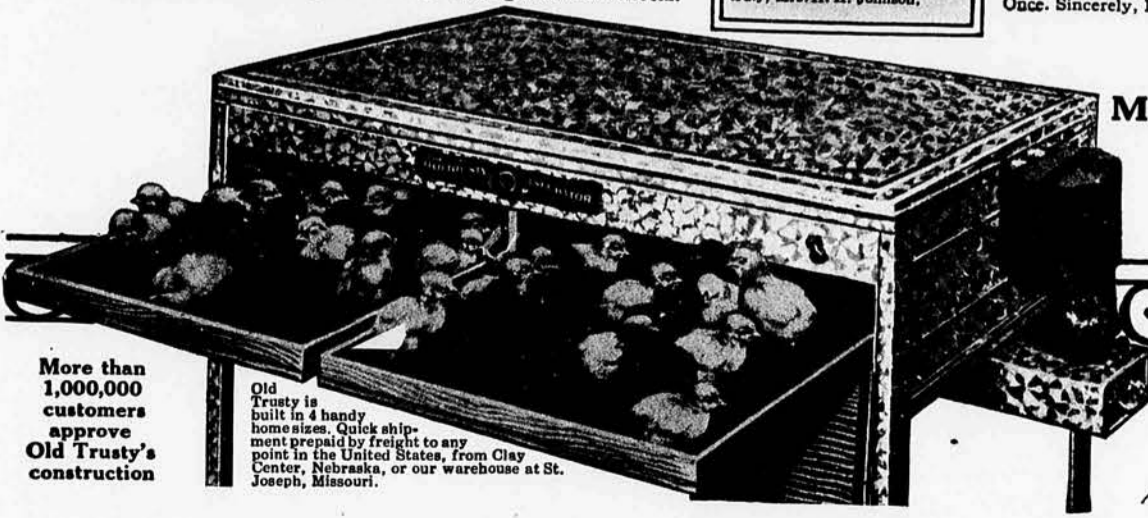
No matter where you live, no matter if you have only a small backyard, you ought to have an Old Trusty. Even if you only want to raise chickens for your own table, you can do so easier, cheaper and better with Old Trusty. And if you want to dress better, buy new furniture for your home, send your children to college, get a new automobile or build a nicer home for your family—the easiest, surest, quickest way is to raise chickens with an Old Trusty. Mrs. Clarence Lee, Grantville, Kansas, tells in her own way just what Old Trusty did for her:

"Am sending you a picture of myself, family (except 2 1/2-month old baby), Old Trusty and new Ford. I have been wanting a car for several years. I didn't have the strength to crank the old car. And my husband couldn't afford a new one. He bought me two 150-egg Old Trustys and a thousand-chick Old Trusty coal-burning brooder stove. Then I started to work. Now I have my car and 350 Buff Orpington pullets—THANKS TO OLD TRUSTY."

Just think! . . . . . of the happiness Old Trusty brought Mrs. Lee. Think of the wonderful profits it paid her—and the money she will make year after year now with the same trustworthy incubator, built to last for a lifetime!

### Take a Pencil, Fill Out the Coupon, and Mail it TODAY

Get our new catalogue—filled with helpful money-making ideas. I want you to see how much you can do and how much more money you can make with the new 1925 model Old Trusty. I want to tell you why we can make an incubator like Old Trusty so good, perfect and practical at such a low price. And for "early buyers" I am making a special price right now. Send for my rock-bottom price to early buyers, and my newest catalogue—just off the printing press. Mail the Coupon At Once. Sincerely, H. H. Johnson, the "Incubator Man."



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Old Trusty is built in 4 handy home sizes. Quick shipment prepaid by freight to any point in the United States, from Clay Center, Nebraska, or our warehouse at St. Joseph, Missouri.

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Please send me your new 1925 book No. C19 as advertised in this Magazine.

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I raised..... hens last year.

Expect to raise..... hens next year.



# The New WILLYS - KNIGHT

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**H**ERE is Distinction further distinguished — the new, improved Willys-Knight Sedan. Beauty has been added to beauty. Luxury has been added to luxury. Power has been added to power. A great car made greater!

Longer, lower, lovelier lines. The radiator is narrower and slightly higher to give the new Willys-Knight that aristocratic sleekness so marked in the best and costliest cars of Europe. A double beading at the waistline of the body makes the new Willys-Knight look longer and smarter. Heavier crown fenders and Fisk balloon tires add the final rich touch to a picture of richness.

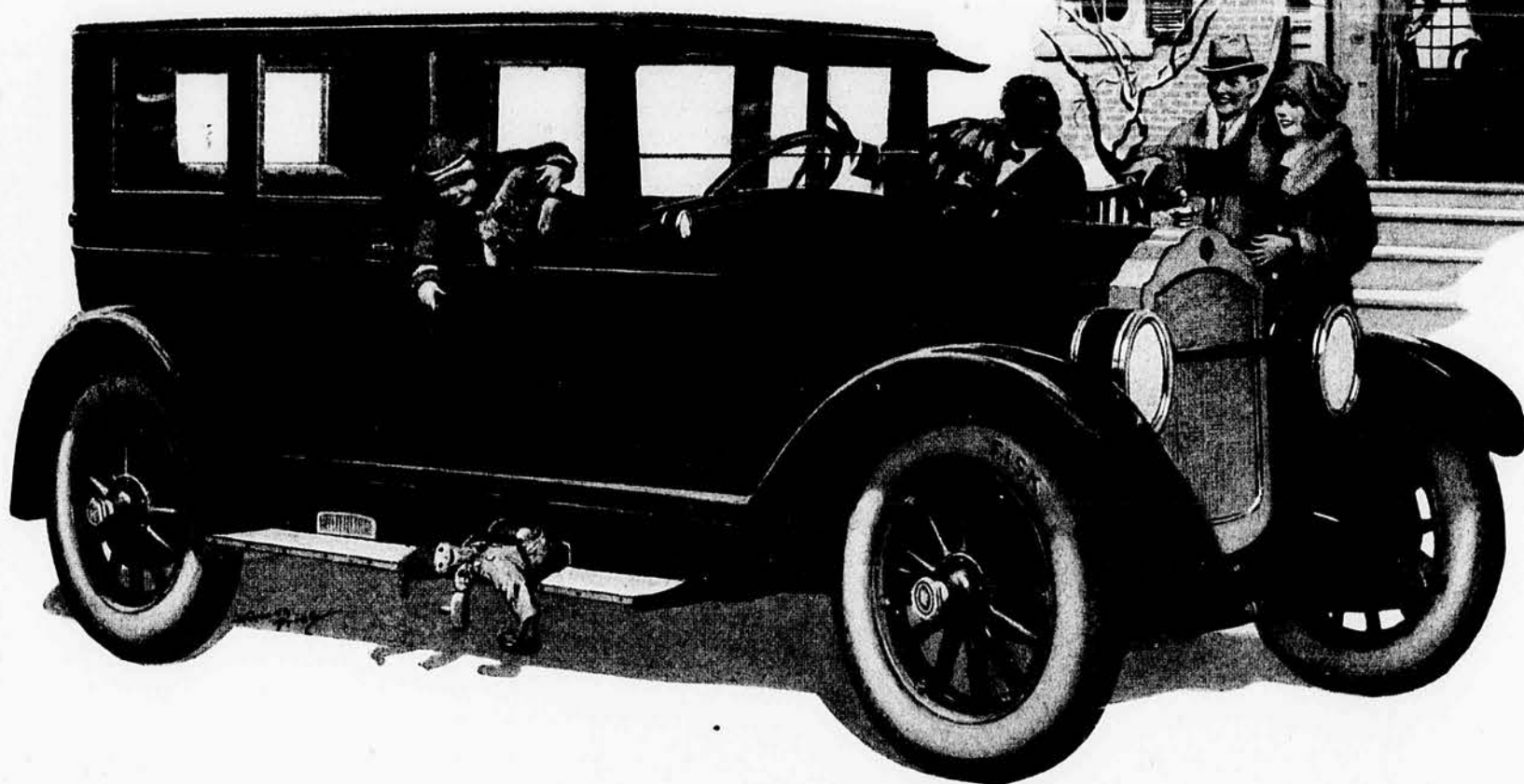
Inside, the new Willys-Knight Sedan is all luxury and hospitality. The seats have been made wider to give all five passengers the very limit of comfort. The deep, soft cushions fairly embrace you. The upholstery and interior fixtures are in perfect harmony with high desire and good taste.

And even the Willys-Knight sleeve-valve engine itself has been improved. No fundamental changes have been made — just a number of small, but important, engineering refinements that make all the famous advantages of the Willys-Knight engine even *more* advantageous.

This is the only engine in the United States that is equipped with the new Lanchester Balancer, a unique invention that gives Willys-Knight complete freedom from the engine vibration so common in motor cars. This also is the only type of engine that *improves with use*. And the only type of engine that never needs carbon-cleaning. And the only type of engine that never needs valve-grinding!

More than ever is the Willys-Knight the kind of a car cherished by people who know the wisdom and economy of buying quality. Here is beauty, luxury and *trustworthiness* — all on the same four wheels!

WILLYS-OVERLAND, INC., TOLEDO, OHIO  
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### What's the Wheat Trend?

BY R. M. GREEN

The trail of the wheat market is getting harder to follow. A few men are quitting it and just sitting down and howling. One labor editor thinks he has "treed" wheat prices in a "corner," but nobody has found the "corner."

In an article in Kansas Farmer and Mail and Breeze the first part of October 1 called attention to the course of No. 2 hard winter wheat prices at Kansas City. From October to November it has been downward 21 years out of 31. It was stated that "a reaction downward is impending." There was a drop in top No. 2 hard winter wheat at Kansas City from \$1.55 October 9 to \$1.41 November 3.

It was believed the December recovery would be only moderate because Canadian supplies were expected to move faster, tho the total crop was smaller than a year ago. But there was a holding back of Canadian supplies. In 1921, a year when world crops of wheat and rye were near this year's figure, Canada in October and November exported 16.7 per cent of her crop of 301 million bushels. Last fall, with higher prices, she exported only 15.2 per cent of 272 million bushels. This is one factor indicating the tendency to hold back for better prices.

Sir James Wilson, the noted English authority on the wheat market, in his November review made reference to the probable effect of the wheat pool operations. "The wheat-selling pools, which have been formed in Canada, Australia and elsewhere, may have some effect in keeping up the world price of wheat." There is little doubt that the failure of Canada to rush her wheat on to the market, as farmers in the United States did last August, added some strength to the November and December wheat market.

### A Big December Advance

After the wheat market had shown the strength it did the latter part of November there was good reason for looking forward to further advances, at least until Canadian wheat begins to move in the spring with the opening of the lakes to navigation. Only 10 times in the last 32 years has the price of No. 2 hard winter wheat at Kansas City shown such strength in November. In each case there was a further advance in later months of from 10 to 40 cents a bushel. This frequently extended into the spring.

This time, however, there was an extreme advance in December over November of 18 per cent. Top No. 2 hard winter wheat at Kansas City jumped from \$1.61, the high point in November, to \$1.92 December 27. For this class of wheat there was a jump in quotations of 10 cents a bushel from December 24 to 27. There has been no such sudden change with regard to total world's supplies available or the probable demand. This would indicate that the recent rise has been made more abrupt by speculative demands.

### World's Supplies a Basis

With the world's wheat and rye crop 15 per cent under a year ago, it was not unreasonable to expect a rise of 25 or 30 per cent above early season prices of \$1.30 and \$1.35 a bushel at Kansas City.

The wheat and rye crop of the world for 1924 is 4,411 million bushels. This is 764 million bushels under last year's total of 5,175 million bushels. The principal reason for the price advance is this shortage. But has this factor already been taken into account?

While a 764-million bushel shortage is large, it is to be remembered that last year's crop was a big one. If the crop of 1924 is compared with the 1921 crop of wheat and rye, it will be found that we are only 58 million bushels under the 1921 totals. The shortage in this case is 1.3 per cent.

Best prices on the 1921 crop were reached in May, 1922, when top No. 2 hard winter was quoted at \$1.58 a bushel in Kansas City. Considering that the general price level this year is about 13 per cent above 1921 levels, a price of \$1.75 to \$1.80 a bushel for wheat this year would not be unreasonable on the basis of 1921 experiences.

The experience of last year indicates only too well that the demand for wheat is not fixed, but tends to ex-

pand when prices are low. Sir James Wilson says "it now appears that I did not make sufficient allowance for the increased consumption encouraged by the low price of wheat last year, and that the importing countries actually purchased 800 million bushels in the place of the 640 I had estimated."

In the face of the high advance in price since November, it probably is safe to say that the demand has been shifting in an opposite direction from what it did a year ago. Instead of expanding it is contracting. If Sir James Wilson's error of 20 per cent last year because of the expanding demand is only half as great in the opposite direction this year, his November estimate of world's import requirements of 760 million bushels becomes 680 million when corrected. This is 52 million bushels greater than the import requirements in 1921. This could all be taken out of the United States carryover of 102 million bushels and still leave a carryover next July of 50 million bushels.

### What Comes Next!

The situation in cash wheat that now deserves most attention is the rate of movement of Argentine and Australian wheat. Half the time this movement is a weakening factor in the market. Only 15 times out of 32 has the February price been above that of January, and only 11 times out of the 32 has March advanced over February. The heaviest movement of wheat from Argentine and Australia normally falls in March. It is perhaps early to expect much influence from this factor.

In the 10 previous years, when November prices held up despite the fall movement of Canadian grain, subsequent advances fall in one of two classes. Either there had been a gradual autumn rise that progressed forward and terminated in a strong late spring advance, or else there was a strong fall advance terminating in January, February or March, with prices from then on leveling off or declining.

The one exceptional year was 1920, when the heavy purchases by a British agent resulted in May prices above those of the preceding January.

There seems to be little in the cash wheat situation on which to build prices much above January levels. The principal unknown factor that would contribute to a still further advance is the condition in which fall sown wheat will come thru the winter.

### Invest Safely and Profitably

In these days when every dollar counts and when so many "investment" schemes are directed at the farmer, the problem of investing surplus funds is really important. I believe that I have solved that problem for the readers of Kansas Farmer and Mail & Breeze. This investment is backed by 28 years of success in a business which has grown to be one of the strongest concerns in the Midwest, and in fact, the largest business of its kind in the world. Further conservative expansion and additional equipment are the motives for obtaining additional capital at this time. Amounts of \$100 or more are solicited. The rate of interest is 7 per cent payable semi-annually with the privilege of withdrawing any or all of the investment at any time upon 30 days' notice. I can unqualifiedly recommend this investment and believe it as safe as a government bond. A letter to me will bring you promptly further information. Arthur Capper, Topeka, Kan.

### Here are the Winners

The winners in the poultry contest were:

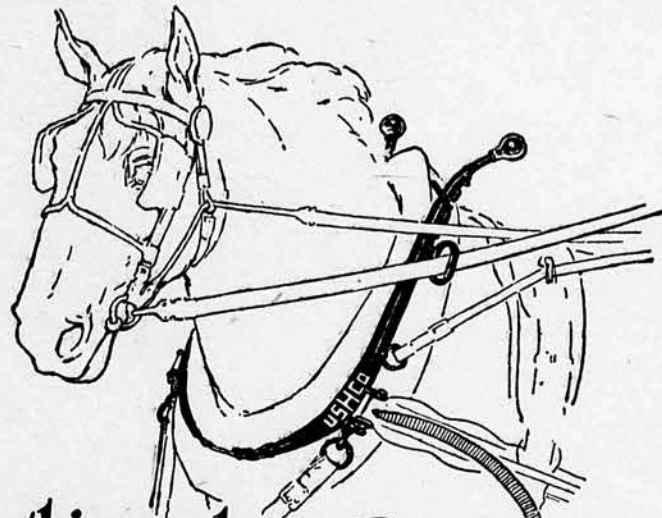
Handling the Farm Flock: first, Mrs. Fred Johnson, Greeley; second, Mrs. G. M. Heller, Osawatomie; third, Rosa D. Willis, Mancos, Colo.

Incubators and Brooders: first, Mrs. C. B. Smith, Matfield Green; second, G. H. Krump, Jennings; third, Mrs. Boy Aesser, Prescott.

Day Old Chicks: first, Mrs. C. E. Cooley, Salida, Colo.; second, Mrs. Sam Preston, Hutchinson; third, Fannie Fisher, Mankato.

Turkeys, Ducks and Geese: first, Mrs. Geo. C. Smith, Lakin; second, Mrs. Gussie D. Parshall, Manhattan; third, Mrs. W. H. Higer, Penokee.

About the Money: first, Mrs. Pearl Underwood, New Castle, Colo.; second, Mrs. T. W. Baker, Pratt; third, W. F. Abels, Clay Center.



Is this mark on your hames? **USHCO**

The next time you harness your team look at the hames and see if they are stamped with the trademark **USHCO**. Probably you will find that they are, because our products have been the standard for so many years.

Be sure your new harness is also equipped with those strong, dependable **USHCO** hames — perfected through seventy years of hame-manufacturing.

Our guarantee is back of every pair.

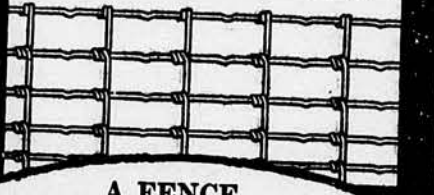
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WICHITA EL PASO  
SALINA AMARILLO  
OKLAHOMA CITY



## Dressing Up Winter's Favorite Confection

By Nell B. Nichols

I HAD the good fortune last year during mid-winter to wander along the streets in the old French quarter of New Orleans. A sight that aroused my curiosity was that of an old woman selling popped corn in candied form.

Two recipes for making these confections are: Boil 1 cup sugar, 3 tablespoons water and 4 teaspoons butter until the sirup forms a brittle mass when a small portion is dropped in cold water. Then add 3½ pints of popped corn, tossing the flakes about until they are coated by the sirup. Then drop by spoonfuls in buttered pans. It is essential that the sirup be stirred constantly during the cooking.

The other sweet is made from molasses. Boil 2 cups of molasses to the soft ball stage. Then add 3 pints of popped corn; stir thoroly and drop by spoonfuls on buttered plates.

### A Book We Enjoyed

OF THE books that we have read aloud this winter, none has pleased both the boys and girls so well as *Rolf of the Woods*. This is one of Ernest Thompson Seton's books. It has enough of animal description to be interesting but it does not personify any animal.

The farm family would be an unusual one that would not like to hear the experiences of Rolf and his Indian friend.

Jefferson County.

Mrs. D. T.

### New in Music

By Cheryl Marquardt

STRANGE to say new records are being made constantly. And these mid-winter months find us eager to replenish our music cabinets. Here are some of the latest:

Two Russian folk songs, "Down the Petersky" and "Dubinushka" by Feodor Chaliapin; two violin numbers, "Stimmung," and "Waltz," by Heifetz; two piano numbers, "Lilacs" and "Humoresque" by Rachmaninoff; two German songs, "Der Tannenbaum" and "Du, du liegst mir im Herzen" by Schumann-Heink are beautiful numbers.

"Mandy Make Up Your Mind" is a new fox-trot by the Paul Whiteman Orchestra with "Nashville Nightingale," also a fox-trot by Waring's Pennsylvanians on the reverse of the record. "Nancy" and "No One Knows What It's All About" are two other new fox-trots.

"Mandy Lee" and "My Old New Hampshire Home" are two famous quartets of not too recent date on one record. The first number is sung by the Shannon Quartet and the second by the Peerless Quartet.

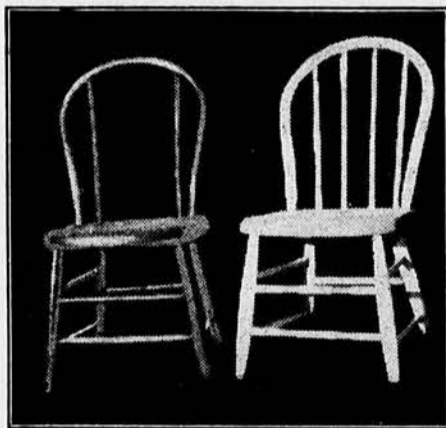
There are some new books for children, also. These books contain the following selections: "The City Mouse and the Country Mouse," "Mother Tabbskins," "Old Mother Hubbard," "Bed in Summer," "The Swing," "My Bed in a Boat," "The North Wind Doth Blow," "The Sandman" and "Old Lullaby."

Any music problems will be solved for you if possible upon receipt of a stamped, self-addressed envelope. Address Cheryl Marquardt, Kansas Farmer and Mail and Breeze, Topeka, Kan.

MRS. GARWELL, while you were in Venice, did you see the bridge of sighs?"

"Oh, yes, I saw what they called that, but my land, I've seen bridges ten times its size without even going out of Kansas."

### Differences in Chairs



TO THE left is a chair as it was when Mrs. Florence Reeder brought it from the attic of her Shawnee county home. To the right is the same chair after an attack of flat white paint and enamel. You can't distinguish the yellow trimmings that put the chair in the artistic class, but picture them if you can, and the chair in a living room with a white and yellow rag rug in front of it. Mrs. Reeder worked the transformation herself.

Florence K. Miller.

## Now Sonny is at the Head of His Class

By Margaret A. Bartlett

MOTHER straightened a necktie sadly awry, turned down an unruly coat-collar, and kissed the ruddy cheeks "good-bye." She stood in the doorway as the boy shot down the path.

"Remember," she called after him, "examinations are going to be easy today. You're going to come out ace-high in them!"

"Sure thing!" called back the rapidly disappearing boy. "Bet I get a hundred in 'em!"

He was gone and mother closed the door to clear up after her young whirlwind had passed thru. She smiled as she thought of his answer. The examinations might not be easy; they might indeed be difficult. He might not get a hundred in any of them, but she knew he would get good marks. He never failed to do well in his studies when she started him off to school with a positive statement of attainment expected ringing in his ears. There was something about that positive statement, that "you are going to do such and so" that made high accomplishment a reality. It was as if the words sank into his childish mind, down, deep down to where they were forgotten, even, but still where they had the power to influence his studies.

Once mother used to say: "Don't miss in spelling today," "Try to get your geography lesson well this morning," and "For goodness sake, child, try to be a little less careless in your arithmetic." But such admonition never seemed to have any effect. There never seemed to be any improvement.

Then one morning she changed her tactics. She didn't tell sonny she wished he would answer every geography question correctly; she didn't urge him to try for that result; she didn't scold him about his past failures; instead, she said: "Sonny, you're going to answer every geography question correctly today."

Every word was said with conviction; every word "went home." And when sonny came home that night, with glowing face and eager tongue, he had the happy news to impart that he had beaten the rest of his class that day in geography.

### I Know Not

By Eugene Lee-Hamilton

I KNOW not in what metal I have wrought;  
Nor whether what I fashion will be thrust  
Beneath the clods that hide forgotten thought;  
But if it is of gold it will not rust;  
And when the time is ripe it will be brought  
Into the sun, and glitter through its dust.

## Why the Kirbys Succeed With Their Flock

By Mrs. Dora L. Thompson

WHENEVER I read of anyone devoting all his time to the care of poultry and making a success of it, I have no feeling of kinship. Most of us must do a great deal of other work besides that involved in the care of a flock. It was because I had heard how well Mrs. Kirby was succeeding with her chickens along with her other work that I thought her methods would be interesting.

It was a 14 mile drive from home to the Walter Kirby farm 4 miles northeast of Lawrence. After leaving the hard surface road, one journeys over some rolling country that reminds him very much of southwestern Wisconsin. It is not surprising to learn that dairying and poultry keeping flourish in this section.

When moving to their present home the Kirbys sold a flock of Barred Plymouth Rocks and decided to try White Leghorns of the Tom Barron strain.

### How the Records are Kept

Comparing her flock with that of commercial poultrymen nearby, Mrs. Kirby thinks it makes no remarkable showing, yet the 300 hens and pullets have kept the table, bought their own feed and returned a cash dividend besides. The records are there to show it! Census takers did not find many accurately kept records. It was too discouraging work for most of us. The Kirbys used a large leaf of a calendar lined and marked for the purpose of keeping track of milk and egg receipts, sales and expenses involved. The records show that from January 1, 1924 to June 30, there were 19,990 eggs received. After those used for table were taken out the July sales amounted to \$28.35; the August to \$38.90; September, \$28.25; October, \$49.90; November, \$40.12. In August the flock was culled and 80 undesirable chickens were sold.

Chicks were hatched in March. For hatching purposes two 200-egg incubators are used. It is somewhat of a question if this is not too early for hatching as some of the pullets have undergone a second molt. On the other hand, early hatched chicks do so much better than later ones and they are out of the way before harvest work.

Young chicks are taken from the incubators to a brooder house. This house has ample light and ventilation. Heat is provided by a coal-burning brooder stove.

This stove has given excellent satisfaction. When not in use for chicks, the cement floor of the brooder house makes a good place to mix feed.

In the writer's opinion any extra number of eggs that the Kirbys receive is due to the fact that they house their flock, and feed for eggs. On all too many farms, the hens receive grain only. This keeps up the body of the bird but does not provide materials needed in making eggs. Self feeders in the Kirby hen houses contain a home mixed mash of the following proportions: 100 pounds wheat bran, 100 pounds shorts, 100 pounds finely ground corn chop, 50 pounds meat meal, 3½ pounds salt and 3½ pounds tobacco dust. No local market supplies the tobacco in dust form so cigar stubs are bought, dried and crushed. Over the straw litter, kafir ensilage is scattered in the morning and corn in the evening.

A neat little self feeder for oyster shell was made from a small box. The side was taken off, riveted 1½ inches and swung in at the bottom to form a slope and to leave part of the bottom of the box as a trough. A 2-inch strip nailed across the front at the bottom prevents waste.

### Satisfactory Homemade Self Feeders

Ashes from the house stoves are carried to an iron boiler in the hen house. These supply charcoal and a dust bath. When a fresh supply is taken out, those in the kettle are used to spread on the dropping boards. It is here that they serve a triple purpose: they absorb moisture and disagreeable odors; they prevent droppings from freezing to the boards and they furnish the lime or lye

element needed to make the poultry droppings a complete fertilizer.

In caring for the flock, it will be noticed that disease prevention has more provision than disease cure. The tobacco dust helps to keep the flock free from worms. Epsom salts dissolved in the drinking water in the morning once every two weeks serves as a conditioner.

One pound of salts is used for each hundred hens. It is surprising how they will drink it, Mrs. Kirby says. And how much clear water they want afterward! Permanganate of potash is kept in all the drinking water. Any fowl that shows signs of illness is removed to a hospital coop and kept from the others.

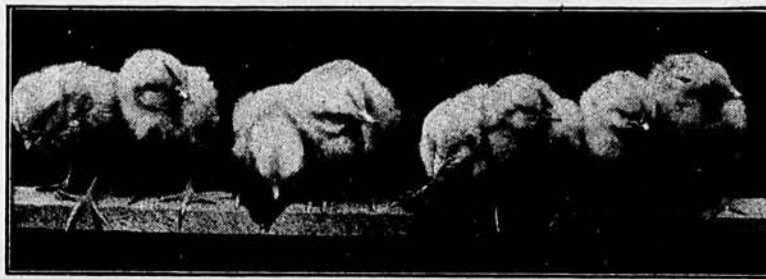
### Muslin Keeps Out the Cold

Most farms contain some unused shed or building that could be converted into a poultry house as Mr. Kirby has done. The new pullet house largely made from a shed, is 36 by 20 feet in dimensions. Dropping boards are stationary about 3 feet from the floor along the north side. The roosts above them are hinged so that they may be pulled up out of the way while one is cleaning the boards.

Windows in the east end and an open south front provide plenty of light. The muslin curtains over part of the open front moderate the cold. One feature of the new house, the galvanized iron roof, is not meeting with approval. It collects moisture and allows it to drip. The other hen house has a scratching shed in front of it.

It is planned to remove the front of the house, board up the scratching shed 3 feet to prevent suction of air and to take out the old ladder order of roost. For them there will be substituted dropping boards and roosts above them.

"What we have done this year," says Mrs. Kirby, "has just given us an idea of what we could do if we should house the hens the first of November instead of in December and feed the mash over a longer period." Last year eggs were sold mostly on the market. This year extra good blooded cockerels have been purchased and sales of eggs for hatching purposes are planned. A visit to the Kirby farm provides one with an inspiration to go home and start doing the things we all know we should do to succeed with poultry.





# Mostly for at Home Wear

## There's Always a Place in the Wardrobe for Another Apron or Two

BY MRS. HELEN LEE CRAIG



**2313**—Not a Seam Apron. Sizes small, medium and large.

**2295**—Happy Home Dress. Sizes 16 years, 36, 38, 40, 42 and 44 inches bust measure.

**2294**—The Tunic Mode for Juniors. Here is a smart little tunic dress for girls 8, 10, 12, 14 and 16 years.

**2312**—Non-Slipping Shoulder Straps. Here's an apron style that takes very little material. Sizes 36, 40, 44, and 48 inches bust measure.

**2306**—Charming Style. A gladsome retreat from the narrow confines of the tubular styles is the youthful design shown. Sizes 12, 14, 16, 18 and 20 years.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. Give size and number of patterns desired.

### Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning house-keeping, home making, entertaining, cooking, sewing, beautifying, and so on. Send a self addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and Mail and Breeze, and a personal reply will be given.

### Her Finger Nails

Please tell me if the finger nails should be cut or filed when they grow long. Are the pointed nails in good taste? Any other help you could give me on caring for the nails will be appreciated.—Dolly R.

Nails should be filed because cutting makes them brittle. Oval nails are prettier than pointed ones in the opinion of most specialists, altho they are worn both ways. We have prepared directions for manicuring the nails that we would be pleased to send upon application if the request is accompanied with a stamped, self addressed envelope.

### Buckwheat Cakes

Can you give me a good recipe for buckwheat cakes?—Mrs. G. F. R.

Yes, I am glad to give you a recipe for buckwheat cakes. Use 1/2 cake compressed yeast, 1/2 cup lukewarm water, 1 teaspoon salt, 1 teaspoon melted butter, 1 tablespoon molasses, 1 cup water and buckwheat flour. Break the yeast in small pieces and mix in the 1/2 cup of lukewarm water. Then put it in a pitcher and add 8 cups of lukewarm water, the salt and efficient buckwheat flour to make a smooth pour batter. Let stand overnight. In the morning dip out 2 cups batter and set aside. To the por-

tion to be used add the molasses and melted butter. Mix together lightly and bake on the griddle.

If there is batter left after breakfast, pour it into the 2 cupfuls saved out and set away. The night before using add 2 cups lukewarm water, 1 teaspoon salt and sufficient buckwheat flour to make a pour batter. In the morning add 1 teaspoon melted butter and 1 tablespoon molasses. Stir in 1/4 teaspoon soda which has been dissolved first in a little cool water. In case one wishes to use the batter several mornings in succession, always save out some of the batter before adding the molasses and melted butter.

### Silver Can be Replated

My every day silverware is wearing off and is beginning to look pretty bad. I wonder if silver can be replated for a reasonable sum. We are not able to buy new.—Mrs. B.

Silver can be replated but I do not know what prices are asked. However, I should be glad to send you addresses of firms doing this work from which you can inquire. Just send me a stamped self-addressed envelope. I cannot print addresses in this column.

### Just Jot Them Down

EVERY other business finds it profitable to have a system of filing useful information so why shouldn't the business of housekeeping likewise find it so? Keeping reliable records is one way to increase efficiency for considerable time is wasted in endless searching thru books, cupboards and drawers for clippings, recipes and all sorts of information and articles.

The familiar recipe box is a good example of a scheme that might be used. This would necessitate very little expense, a supply of white cards, a few index cards and a box into which they will fit being all that are required.

The information might be classified in divisions similar to the following, with variations to suit the needs of the family: Household records—size records (sizes of gloves, shoes, and so forth of members of the family), storage (where articles are stored), anniversaries (birthdays to be remembered), gifts (records of gift lists so gifts will not be duplicated); library of literature and music—poetry, fiction, history, names of books recommended to be read or purchased, music, clippings of poetry, articles, jokes and so forth; financial—taxes, bank statements, bills (butcher, grocer, clothing, clubs, medical, miscellaneous); addresses—friends, business; household hints (laundry suggestions, baby care, gardens, entertainments); foods—menus, food values, meal suggestions, recipes; health and miscellaneous.



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Master Breeders' Hatchery  
Cherryvale  
Kansas

## What's a CAPON and Why?

A book that explains why Capons are the most profitable part of the poultry business and everything you will ever want to know about CAPONS. 50 pictures from life that show each step in the operation. List of Capon Dealers' addresses. Tells how to prevent "Slips," where to get the best and cheapest capon tools. Capons are immense eating. Big profits realized. Get wise. This book tells how. Copyrighted new and revised edition. Regular 50c copy, prepaid to your address (a short time only) for a Dime in coin or stamps.  
GEORGE BETOY, R. R. 40, CEDAR VALE, KANSAS.

## You'll Need Extra Money



### To Doll Up the Home For Spring and Summer

Every woman discovers, when spring house cleaning time comes, that a few dollars above the regular weekly income should be spent to brighten up the home. Maybe it's some new curtains or shades; possibly a set of dining-room chairs or a coat of inside paint—anyway it will cost money. Are you looking for an opportunity to make the necessary cash that will be required?

### Earn Some Cash Each Week

We have a plan that will enable you to add five or more dollars to your income each week. You may work part time or full time. Free information given on request.

----- CLIP AND MAIL COUPON TODAY -----

The Capper Publications, Desk 1000, Topeka, Kansas.

Gentlemen: Please send me free information regarding your plan whereby I may earn money in my spare time.

Name.....

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## Your Favorite Club

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- Club 246K all for \$1.00**
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  - People's Popular Monthly...1 yr.
  - Home Circle Magazine...1 yr.
  - The Gentlewoman...1 yr.
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  - Kansas Farmer and Mail & Breeze...1 yr.
  - The Household Magazine...1 yr.
  - Mother's Home Life...1 yr.
  - Rhode Island Red...1 yr.
  - The Gentlewoman...1 yr.
  - Home Circle Magazine...1 yr.
- Our Leader—Club 247K all for \$1.50**
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  - Good Stories...1 yr.
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  - Kansas Farmer and Mail & Breeze...1 yr.
  - Woman's World...1 yr.
  - American Needlewoman...1 yr.
  - The Household Magazine...1 yr.
- Club 233K all for \$1.40**
  - People's Popular Monthly...1 yr.
  - Good Stories...1 yr.
  - The Household Magazine...1 yr.
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  - Home Folks...1 yr.
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  - Today's Housewife...1 yr.
  - The Household Magazine...1 yr.
  - Good Stories...1 yr.

OFFERS GOOD FOR 15 DAYS ONLY

NOTE—If you should happen not to find your favorite magazine in these clubs, make up a special clue of your own and write us for our special price. We can save you money on any combination of Kansas Farmer and Mail & Breeze and any two or more other magazines you want.

Kansas Farmer and Mail & Breeze, Topeka, Kansas

Enclosed find \$..... for which please send me all the periodicals named in Club No. .... for a term of one year each.

Name.....

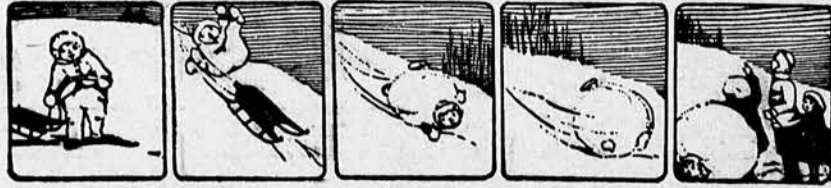
Address.....



# Puzzles, Riddles, Letters and Jokes

## For the Boys and Girls

I AM 6 years old and in the third grade. I have to go 1/2 mile to school. My teacher's name is Miss Stanly. We milk seven cows and I milk two cows. I like to ride a horse. I have a dog. I have two sisters and one brother. They are all older than I am. I would like to hear from other little boys. Wayne McIntyre. Howard, Kan.



I live on a 320-acre farm. For pets I have a cat named Tabby. We live 1/4 mile from school. There are 16 in our school. Miss Champlin is my teacher. I have two brothers younger than myself and one sister older than I am. I raised 25 White Leghorn chickens last summer. Harlan, Kan. Mildred Shortridge.

aaaaa  
With three straight marks:  
what word will these ciphers  
change into?

adapt  
Easy/when you know how.

Davie, Charlie and Georgia, Harry, Roy and I go to school. We have 1 1/4 miles to go to school, but we drive. I had a little black and white dog named Jimmy but he was run over by a car. We have a pony. Her name is Dot. Reading, Kan. Alice Taber.

### How Many Can Swim?

I am 8 years old. I have a brother named Clifford and a sister named Murl. I want to know how many boys my age can swim and dive. I sure can. I have a big dog for a pet. Wichita, Kan. Coy Roddy.

### Mildred Raises Chickens

I am 12 years old and in the eighth grade. I live 4 miles from town.



I am sending you a picture of my little brother and cousin with my little Shetland pony. Its name is Coolridge. We have three ponies now. I am 10 years old. Raphael Fuller. Little River, Kan.

### We Hear From Grace

I am 13 years old and in the eighth grade. I live 2 miles from school. For pets I have a pony, a dog and two cats. The dog's name is Snowball and the pony's name is George. I have three brothers. They are bigger than I am. I read all the letters in the Kansas Farmer. Grace Richmond. Mayetta, Kan.

### Word Square Puzzle

```

  _ O _ _
  O _ _ O
  _ _ D _
  _ O _ _
  
```

1. A kind of a car. 2. A state. 3. Not to walk. 4. One who does. The problem is to substitute the above dashes with letters which form words which will read the same across the columns as down the columns. The definitions of the words to be supplied are given below the dashes. A surprise gift each for the first 10 correctly filled out squares. Address Leona Stahl, Kansas Farmer, Topeka, Kan.

WHEN IS A MAN THINNER THAN A RAIL?

Answer: W

ART IS A

SHROCK VINE.

### Try to Guess These

On what day of the year do women talk the least? The shortest day.  
Why is it right for B to come before C? Because we must B before we can C.  
Why is a stick of candy like a race horse? Because the more you lick it the faster it goes.  
Why do women make good post-office clerks? Because they know how to manage the mails (males).  
Why is it dangerous to keep a clock at the head of a pair of stairs? Because it sometimes runs down.  
Why is a dirty boy like flannel? Because he shrinks from washing.  
Why is an orange like a church steeple? Because we have a peel from it.  
If a tree were to break several windows, what would the windows say? Tre-mend-ous.

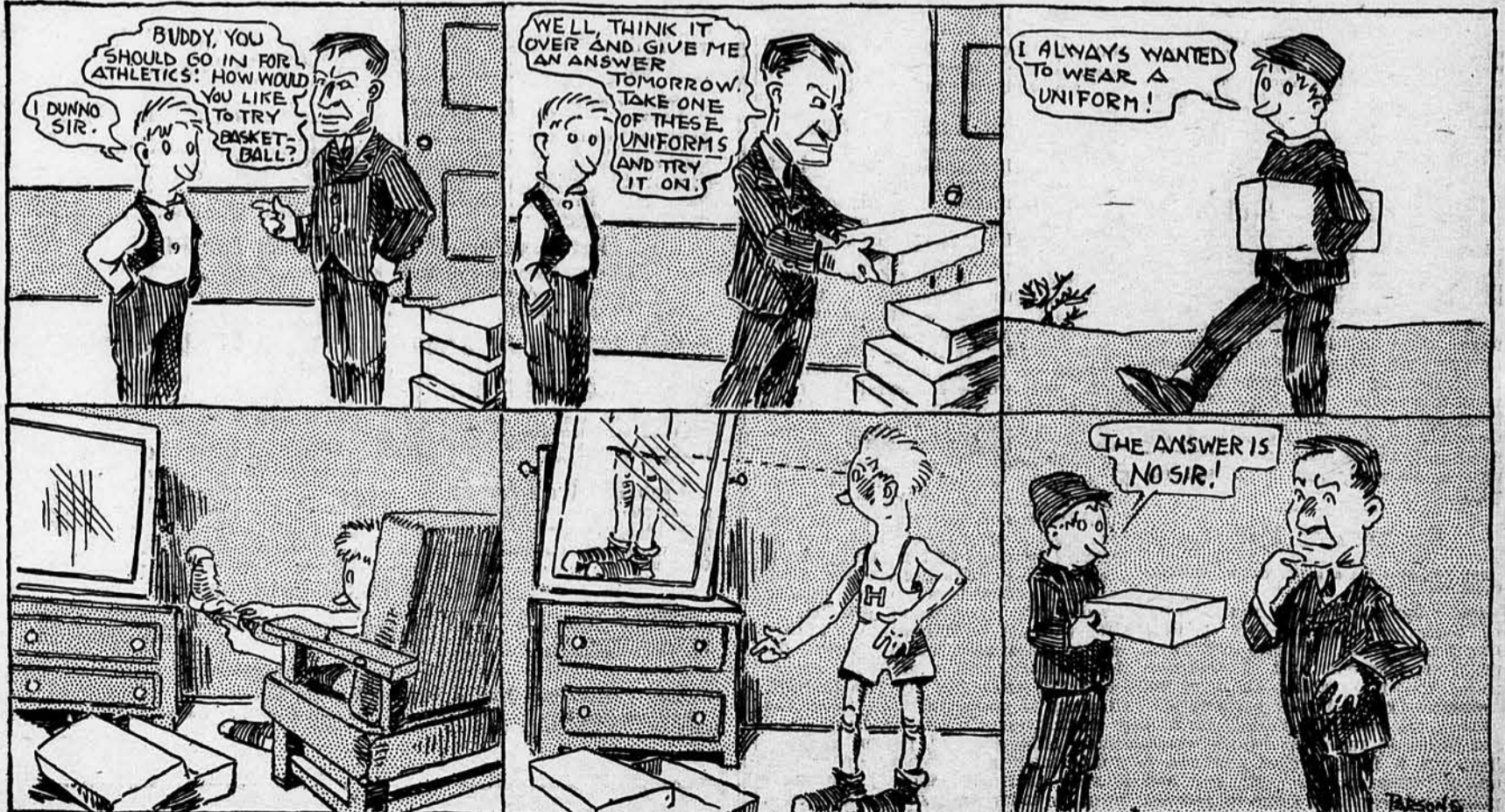
### Willie Was Frank

Mrs. Jones was entertaining some of her son's little friends. "Willie," she said, addressing a 6-year-old, "are you sure you can cut your own meat?" "Yes, thanks; I've often had it as tough as this at home."

### There Are Six of Us

I am 10 years old and in the fourth grade. I have four brothers and one sister. Their names are Harry, Roy,

Harry is sure that he is going to make you put on your Thinking Cap if you read the answer to his riddle. But you can do it. Now just try it and see how easy it is. Send your answer to Leona Stahl, Kansas Farmer, Topeka, Kan. There will be a package of postcards each for the first 10 girls and boys answering correctly.



The Hoovers—Buddy Tries a Uniform—Once



### Another Gland Remedy

BY DR. CHARLES H. LERRIGO

The best United States authority on diabetes says that a million of us have it. That means about 18,000 diabetics for Kansas.

Fortunately a new light has been thrown on the treatment of diabetes in the last three years by the discovery and development of Insulin. I told you something about this remedy as soon as it was announced, tho I could not recommend it fully while in the experimental stage. It has stood the test and now has a settled value in the treatment of diabetes, more especially of cases that cannot be controlled by dietetic measures.

Insulin does not cure diabetes. What it does is to supply a deficiency in the digestive functions of the diabetic, thereby enabling him to eat and digest enough food to be well-nourished and have normal resistance against disease. It does not do away with all necessity for dietary restrictions. Patients who can control the disease by diet continue to do so. Insulin is valuable to them, but only in seasons of special stress, such as the weakness of an intercurrent disease, a surgical operation, or an accident.

Patients who would make use of Insulin should ask the home doctor to refer them to a hospital or sanitarium where they may spend a few weeks under special care and tuition. At this institution careful tests are made to determine the most suitable diet, and the daily amount of Insulin required to handle the deficiency of the particular case. They are taught how to make tests, what symptoms to watch for, and self-administration of the remedy. Then they can come back home and get along nicely with a little help, occasionally, from the family doctor.

Every person who has diabetes should learn about Insulin.

### Wait Until You're Strong

How soon is it safe to resume work after a severe attack of erysipelas of head and face, leaving one extremely weak? E.

This cannot be measured in days or weeks. It depends wholly on the restoration of strength and vigor. This is a wasting disease, and no attempt should be made to resume work until the poison is eliminated and strength is restored.

### Rubber Pad May Help

Is there any cure for a bunion short of a surgical operation? F. F. S.

It depends on the condition of the tissues. If the bunion has persisted so long that there are serious changes in the structure of the joint a surgical operation is the best procedure. But early cases generally can be relieved or cured by the use of a rubber pad known as a "bunion reducer," which most good shoe stores have for sale. Of course this must be combined with a resort to well-fitting, easy shoes.

### It'll Kill the Germs

What is the danger of a bad case of diarrhea running into typhoid fever? Would boiling the water make any difference? J. C.

The diarrhea will not "run into" typhoid unless there is some contact with typhoid infection. Boiling the drinking water is a wise move in any case of intestinal infection whether there is danger of typhoid or not.

### Better Teeth the Result

When children have teeth that do not match into the right place is there any danger in letting the dentist put an apparatus in the mouth to pull them into line? F. L.

No. This is a proper line of treatment and saves children from disfigurement, gives them better teeth, improves the palate, and improves the breathing apparatus.

### Westerners Talk Sheep

BY J. W. JOHNSON

Unsatisfactory conditions in the cattle business inspired a great deal of conversation about sheep during the recent stock show in Denver. Sensational prices for lambs and contracts for spring and fall delivery at high figures impressed even the confirmed cattle growers. These latter, however,

feel that the interest in sheep will not interfere with the beef business. They think beef is due for an inning of better prices, especially in view of reduced supplies.

The showing of feeder steers is always a feature of the Denver offering. This year 175 carloads were sold, mostly to feeders east of Nebraska and Kansas. One Burlington train brought 75 prospective buyers from the territory east of Chicago. The cattle were in excellent condition and were carrying more flesh than those usually offered at the Denver show. A shortage of cattle on Western ranges afforded an abundance of pasture for these offerings.

In the purebred division Angus breeders, with 129 head, made the biggest exhibit they have ever had at Denver. S. C. Fullerton, Miami, Okla.; H. O. Harrison, San Francisco, Cal.; and Harrison & Harrison, Indianola, Neb., offered competition for Colorado breeders. The Shorthorn show attracted 125 entries. Thomas Andrews, Cambridge, A. C. Shallenbarger, Alma, and Johnston & Auld, Guide Rock, were the Nebraska Shorthorn exhibitors. Missouri was represented by F. R. McDermand, Kansas City, and Sni-a-Bar Farms, Grain Valley.

The Herefords totalled 188 head. Mathews & Son, Kinsley, and Foster Farms, Rexford, were the Kansas exhibitors. Nebraska was represented by Mousel Brothers, Cambridge; H. J. Gramlich, Lincoln; McClung & Kendall, Indianola; and B. L. Murphey, Thedford. Ken-Caryl Ranch, Littleton, Colo., was the heavy winner among White Face exhibitors. Bonvue Farms, Denver, and J. B. Benedict, Littleton, were heavy winners in the Milking Shorthorn show of 39 head.

The Holstein show attracted 81 head, with the Modern Woodman Sanatorium, Woodman, Colo., as heavy winner. The Percheron show consisted of 20 head. H. T. Hineman & Son, Dighton, Kan., were contenders in the Jack and Jennet show of 40 head. Deming Ranch, Oswego, Kan., showed 25 of the 71 head in the Poland division. J. H. Hamilton & Son, Guide Rock, Neb., were the only Poland breeders from that state.

V. A. Briggs & Son, Seward; F. J. Schmeckle and G. L. Weik, Maywood, were the Nebraska Duroc exhibitors. The Berkshire show of 23 head was made up of Colorado exhibitors. All but one of the Hampshire exhibitors were from Colorado.

The recent embargo against shipping live birds handicapped the poultry show, but more than 1,000 birds were exhibited by local breeders. Twenty association meetings were held in Denver the week of the show.

### Girl on Judging Team

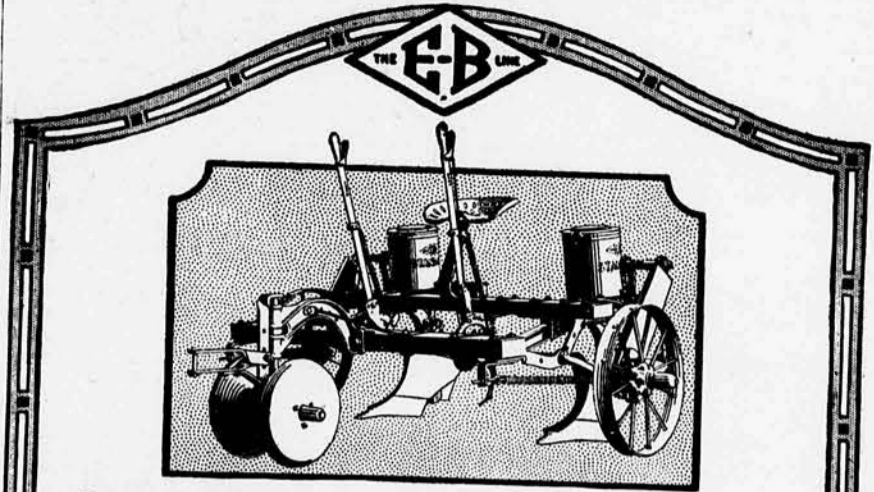
For the first time in the history of the Kansas State Agricultural College, a girl is on the stock judging team, much to the alarm of F. W. Bell, coach. She is Miss Mary Haise, who comes from a ranch in Colorado. Miss Haise is taking the course in animal husbandry, and won in the recent final contest to determine the members of the team which was sent to the Western Live Stock Show at Denver.

### Life's Journey

Let me but live my life from year to year  
With forward face and unreluctant soul,  
Not hurrying to nor turning from the goal,  
Not mourning for the things that disappear  
In the dim past, nor holding back in fear  
From what the future veils; but  
With a whole  
And happy heart that pays its toll  
To youth and age and travels on with cheer.

So let the way wind up the hill or down,  
O'er rough or smooth, the journey will be joy,  
Still seeking what I sought when but a boy—  
New friendship, high adventure and a crown.  
My heart will keep the courage of the quest,  
And hope the road's last turn will be the best.

—Henry Van Dyke.



### Better Planting — Easier on the Horses

There is no pole lash or neck weight to drag down your horses and slow up the work if you use the E-B No. 17 Two-Row Lister with its heavy tongue truck and reversible wheels—exclusive E-B features. It is easy to drive in a straight line whether straddling the ridge or running in the furrow. An excellent wheatland lister.

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# The "Weather Man" Knew!

## But Still He Gave the Boys an Opportunity to Increase Their Accuracy of Gun Fire

YOU certainly have got to give it to that weather man who made that "cold, stormy weather" forecast the first week in December. That bird knew what he was doing! And the chances are, despite the deep-rooted belief over Kansas that all "drives" are the bane, it would be possible to raise a considerable fund before next fall to send this Government employe down to Florida, in that land of one-piece bathing suits, with instructions to stay there, with all expenses paid, "until the robins nest again."

In the meantime it has been a hum-dinger of a time to slide around in the mud and slush, feed stock, cut wood, go hunting and freeze ears. The hunting done by the boys, and perhaps especially their trapping, because of the urge of the high prices for raw furs, probably has been more successful than any efforts put forth by the men. However, farmers in North-western Kansas, after being moved to wrath by the raids of rabbits on standing corn, which was committing foolhardiness out in the wintry blasts, put over a preliminary gas attack, and then ventured forth with a trusty blunderbuss to do battle for the defense of the homeland, and with some results, too, we learn, altho even here the boys seem to have an accuracy of gun fire in about the proportion of 100 to 1.

Anyhow there hasn't been much regular farm work done. But stock has been amazingly free from disease, taking the state generally. Only a few reports of hog cholera or stalk poisoning have been received. Of course the poultry epidemic was overrated. Poultry and egg prices have been improving, but most of the old hens seem to be pessimistic over the laudable occupation of egg laying. Most of the peach buds in Northern counties have been killed.

County reporters say: Anderson—Wheat is having a long sleep under snow which has been on the ground for more than five weeks. Not much work is being done, except chores. Most of the kafir is out, but considerable corn is in the field. There have been no public sales. Corn, \$1.10; wheat, \$1.75; hogs, 9c; butter, 30c; eggs, 50c.—J. M. Brubaker. Barber—Farmers are busy with kafir threshing. Roads are in fair condition. Livestock is doing well with sufficient feed. We had a 1-inch snow this week, and the weather is warmer. No kafir is being shipped. Wheat, \$1.65; corn, \$1.05; kafir, 85c; eggs, 41c; cream, 32c.—J. W. Bibb. Bourbon—We had splendid fall until December, and since then there has been rain, ice and snow. Shock fodder has frozen to the ground and is hard to get out for stock. Feed is plentiful. Stock sales are infrequent and slow. Corn, \$1; hogs, \$9.80; eggs, 48c; butterfat, 32c; milk, \$2.25 for 4 per cent test.—G. A. Van Dyke. Butler—There is lots of winter weather, snow and ice. Many farmers are cutting hedge and getting up wood. Many cattle are on full feed. Feed is holding out well. A public sale is held occasionally. Wheat, \$1.70; corn, \$1.10; oats, 62c; cream, 33c.—Aaron Thomas. Cherokee—We have had six weeks of winter weather, and the snow and sleet that fell before Christmas is on the ground yet. Feed is plentiful and livestock is in excellent condition. We have had little wheat pasture. Hay does not sell readily, and the price is \$10 to \$12 a ton. Eggs, 52c; butter, 40c; corn, \$1.—L. Smyres. Clay—Farmers have filled their ice houses with a good crop of ice and they are piling and sawing wood. East and west roads are drifted with snow, and wheat fields are covered. Public sales are held frequently and prices are satisfactory. Wheat, \$1.70; corn, \$1.10; oats, 65c; bran, \$1.80; shorts, \$1.95; flour, \$2.50; potatoes, \$1; hay, \$13; alfalfa hay, \$22; hogs, \$10; butter, 35c; butterfat, 32c; eggs, 50c; poultry, 18c.—P. R. Forslund. Cloud—Winter is with us yet, and the ground is covered with a blanket of snow. Livestock is in excellent condition, altho it has been necessary to economize on feed. Some cows are fresh. Eggs are scarce. Surplus wheat has been sold, and not much corn is changing hands.—W. H. Plumly. Douglas—Roads are slippery, and there is little travel. Some farmers are threshing kafir. The ground has been covered with snow for a month. Many farmers are butchering hogs. Eggs, 50c; butterfat, 37c; wheat, \$2.—Mrs. G. L. Glenn. Douglas—Snow is melting slowly. Farmers are marketing their corn steadily. Roads are slippery. There is some hay baling and wood cutting. Some farmers are making spring poultry plans. Corn, \$1.10; wheat, \$1.73.—Charles Grant. Ellis—We are having warmer weather, but snow is melting slowly because of the ice under it. Corn, kafir, feterita and barley are not on the market. Hogs are scarce. Chickens are healthy, but are not laying. Eggs, 50c; butter, 40c; wheat, \$1.70.—William Grabbe. Ellsworth—After six weeks of zero weather the county has had several warm days, but nights are cold. Wheat prospects can-

not be estimated until the thawing and freezing effects are known.—C. L. Danner. Gove and Sheridan—Weather is cold and there is considerable snow on the ground. Livestock is consuming large quantities of feed, but is in splendid condition. The hens are on a strike. We have had fine ice weather since Christmas. There have been no public sales. Roads are in bad condition and are likely to be for some time.—John I. Aldrich. Grant—The weather has been cold, with light snows every few days. There is not enough moisture to benefit the wheat. Milo and kafir threshing are nearly finished. Farmers are picking corn between storms. It is probable that wheat has been damaged by the cold, dry weather. Wheat, \$1.70; corn, \$1.05; milo, \$1.80; kafir, \$1.70.—E. A. Kepy. Hamilton—The weather is cold, but pleasant, and the first snow of the season is on the ground. Cattle are in splendid condition. Some stock is being sold. Butterfat, 43c; eggs, 50c; poultry, 17c; hogs, \$8.75; corn, \$1.25; wheat, \$1.60.—H. M. Hutchison. Kingman—Mail carriers have found it impossible to cover their routes since the last snow. Livestock on wheat pasture is not getting much feed. Wheat, \$1.75; flour, \$4.50; oats, 60c; corn, \$1.05; eggs, 45c.—J. F. Kirkpatrick. Labette—It is impossible to drive over wheat fields—the snow has gone, but ice is still there. The crop is not injured. Feed and fuel are used freely. Livestock looks well. At some public sales prices are unsatisfactory, and at others they are good. Wheat, \$1.60; corn, \$1.05; oats, 50c; eggs, 45c; flour, \$2.30; bran, \$1.70.—J. N. McLane. Leavenworth—We have had quiet, cold weather for the last month. Livestock has stood the weather well. It is thawing now, and wheat shows thru the snow, the first time in six weeks. Nearly all the corn is cribbed. Corn, \$1.05; wheat, \$1.80; hens, 17c; eggs, 50c; hogs, \$10.—R. P. Moses. Logan—The weather has moderated the last few days. Roads are in bad condition. Farmers are finishing their corn gathering. Rabbits have destroyed much of the corn left in the fields. Three public sales were held this week. Wheat, \$1.70; corn, \$1; hogs, \$9; cream, 40c; butter, 35c; chickens, 16c to 18c.—J. C. Postal. Ness—The weather during the last two weeks has been cold. There is little snow, but enough to keep wheat fields covered. Roads are in bad condition. There have been no public sales. Wheat, \$1.85; corn, \$1.05; kafir, 95c; seed oats, \$1; hogs, \$9.50; hens, 12c; turkeys, 22c; eggs, 45c; cream, 33c.—James McHill. Osage—Little husking has been done lately. Three public sales were held this week, and everything sold well, including horses. Some farmers contemplate planting early varieties of corn, to get green feed as soon as possible. Hatcheries are offering 10 cents above market price for eggs, and are not getting all they can use.—H. L. Ferris. Osborne—Cold weather continues. We had more snow this week, but there have been no blizzards. The spring pig crop will be small.—E. G. Doak. Pawnee—Wheat has been covered with snow for the last 6 weeks. Livestock is in splendid condition, but feed will be scarce before grass comes on. Many roads are impassable. Wheat, \$1.70; corn, \$1; alfalfa, \$15; kafir, 90c.—E. H. Gore. Phillips—Winter weather is broken. Some snow is on the ground, but it is melting slowly. There is no sale for cattle. There have been no public sales recently. Corn, \$1 to \$1.10; wheat, \$1.50 to \$1.60; corn, \$2.40; bran, \$1.75; hogs, \$8.75 to \$9; eggs, 50c; butterfat, 30c; flour, \$4.40; potatoes, \$1.35.—J. B. Hicks. Pottawatomie—We are enjoying ideal weather, and snow is melting. Hogs, \$9.40; wheat, \$1.60; corn, \$1.10; cream, 35c; eggs, 55c.—W. E. Force. Republic—Not many farmers are feeding cattle this winter. Hogs and corn are being marketed separately, and in liberal quantities. Prospects for another wheat crop are poor, as much of it did not germinate. Feed is plentiful.—A. R. Snapp. Riley—The weather has moderated and farmers are feeling better. There have been a number of farm sales, and livestock and grain are bringing good prices. Getting up wood and butchering is the everyday job of most farmers. Most of the fat cattle and hogs have been taken to market. There is a scarcity of corn in this county, and it is being shipped in. Wheat, \$1.65; corn, \$1.20; hogs, \$9.85; flour, \$1.60; eggs, 48c.—P. O. Hawkinson. Rooks—Zero weather continues. The condition of winter wheat is questionable, as it went into the winter with a poorly developed root system. Feed is becoming scarce, owing to the prolonged severe weather. Corn, \$1.05; wheat, \$1.75; bran, \$2.10; eggs, 40c; butterfat, 34c.—C. O. Thomas. Russell—The weather is moderating. The recent cold weather has been hard on stock, and it has taken lots of feed. Some farmers are butchering and selling meat. There have been no public sales. Some ice has been put up. Hogs, 9c; wheat, \$1.71; flour, \$2.35; eggs, 45c.—Mrs. M. Bushell. Sedgwick—Weather is cold and stormy. Livestock is consuming a great deal of feed, and should the cold weather last much longer feed will be scarce. Bad roads are halting wheat marketing. Wheat, \$1.68; corn, \$1.10; oats, 60c; butter, 35c; eggs, 57c; butterfat, 36c.—W. J. Roof. Stevens—Farmers are busy threshing when weather permits. We have had several snow storms, but little of it stays on the ground. However, wheat seems to be unhurt. There have been several public sales, and prices are unsatisfactory. Milk cows, \$35; horses, \$100 to \$30.—Monroe Traver. Sumner—We have been having extremely cold weather and a little snow. Livestock is in splendid condition. A few public sales have been held. The roads are almost impassable. Hogs, 10c; hens, 16c; butterfat, 32c; wheat, \$1.72; corn, \$1.10; oats, 55c; kafir, 90c; eggs, 50c; oats, 55c.—John W. Finn.

# Mysterious Poultry Diseases

The recent talk of a mysterious disease among poultry and the action taken by some states in placing an embargo upon live poultry from the Mid-Western states is a matter of grave concern to all poultry raisers in this section. Careful investigation has failed to disclose any unusual disease in this territory, but it does reveal the fact that the poultry in general is not in the usual vigorous condition, and as a result have not the vitality to withstand the diseases so common during the winter and spring months. Poultry authorities observe that there is more sickness and loss than usual and advise that extra precaution be taken to reduce this loss. Among the things recommended are: Better feeding, suitable housing without crowding, careful culling of the sick birds and special attention to birds of low vitality, the head and throat should be examined carefully and any signs of cold or sore throat promptly and vigorously treated. Among the treatments recommended walko tablets have proven to be of unusual advantage, not only for dipping the head and swabbing the throat in colds and sore throat, but as a general preventive and intestinal antiseptic. As most poultry diseases are transmitted by way of the mouth and throat it is important that you use some effective antiseptic in the drinking water to destroy all germs and infection, and walko tablets will be found especially valuable for this purpose. They may be obtained in 50c and \$1.00 boxes postpaid direct from the Walker Remedy Company, Desk 41, Waterloo, Iowa.

## How to Get More Eggs

Remarkable experience of L. F. Volberding, whose hens, once sickly idlers, laid 1949 eggs in 54 days. Poultry raisers, whose hens do not lay, will read the following letter with greatest interest: Gentlemen: I see reports of many having hens that do not lay, so I want to tell my experience. I had 230 pullets that looked sickly and were not laying. After trying different remedies, I sent to the Walker Remedy Co., Dept. 41, Waterloo, Iowa, for two \$1.00 packages of Walko Egg Maker. I began using the medicine Christmas day—by January 1st they began laying—during January I gathered 601 eggs—and in February, up to the present date, the 23rd, I have gathered 1348 eggs—or 1949 eggs in 54 days. I give all the credit to Walko Egg Maker. It made the sick pullets healthy; made my entire flock look fine; and set them to work on the egg basket.—L. F. Volberding, Sibley, Iowa.

## Why Hens Don't Lay

When hens stop laying, become listless, rough of feather, pale of comb, etc.—you know they are "run down" and need a tonic. Readers are warned to take the "stitch in time." Don't wait until your hens develop liver trouble and indigestion, with consequent leg weakness, lameness, rheumatism, bowel trouble, etc. Give Walko Egg Maker in all feed. It will promote digestion; tone up liver and other functions; build rich, red blood; restore vim, vigor and vitality; make smooth glossy feathers and healthy red combs. You'll get dozens of eggs where you got only a few before—and a bigger percentage of fertile eggs. All without injury to the sensitive organs of your birds.

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We will send Walko Egg Maker entirely at our risk—postage prepaid—so you can see for yourself what a wonder-working tonic it is, for keeping hens in pink of condition, free from disease, and working overtime. So you can prove—as thousands have proven—that it will eliminate losses and double, treble, even quadruple your profits. Send 50c for a package of Walko Egg Maker—give in all feed and watch results. You'll find the cost less than one cent a day for 30 hens, and you'll get dozens of eggs where you got only a few before. It's a positive fact. The Leavitt & Johnson National Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of our guarantee. You run no risk. If you don't find it the greatest egg producer and general tonic you ever used, your money will be promptly refunded. WALKER REMEDY CO., Dept. 41 Waterloo, Iowa



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**Fowl Pest is Here**

Apparently there is some foundation for the various embargoes that have been placed on shipments of live poultry by certain states and municipalities. But on the whole those embargoes have been spasmodic reactions without any particular reason save panic.

Dr. Veranus A. Moore, Cornell University, is credited with having discovered the presence of the disease in the United States. Representatives of the Bureau of Animal Industry investigated his report and found the disease in New York City, Jersey City and Philadelphia.

Poultry authorities of the Middle West have denied the existence of the trouble in this section. Especially is that true of Kansas and Missouri. Kansas specialists have been aware of the prevalence of diseases all fall and winter, but in most cases the trouble has been caused by those already known. The Bureau of Animal Industry has been unable to find European fowl pest in shipments of diseased birds from the Central West. Concerning this trouble it says:

"The disease is characterized by its extremely infectious nature, rapidly progressing course, and high mortality. Conspicuous symptoms are depression and loss of appetite followed by prostration. The comb and wattles usually become purple and sometimes swollen. Sticky exudate may paste the eyelids together, clog the nasal passages and even obstruct the windpipe, causing labored breathing. A greenish yellow diarrhea may be present.

"The nasal passage, larynx and windpipe contain some mucous exudate, blood-stained patches and sometimes blood clots are found in the windpipe. The lungs usually are more or less pneumonic. A hemorrhagic or 'blood shot' condition is found on the crop and under the skin in various other parts, sometimes accompanied by a gelatinous exudate. Hemorrhagic spots on the muscle or fat of the heart, on the gizzard fat, on the outer surface of the small intestines and especially on the inner lining of the glandular part of the stomach and gizzard are considered as diagnostic evidence of European fowl pest. Serous fluid is sometimes within the heart sac, or in other cases in the body cavity.

"Since treatment of affected birds is futile, the aim should be to prevent the spread of the infection. The first fowls showing symptoms should be destroyed by a method which would guard against the contamination of the premises. The carcasses should be burned or buried deep. The healthy fowls should be moved to new quarters if possible and carefully watched for signs of the disease. Houses and runs should be thoroughly cleaned at frequent intervals, and disinfected with carbolic acid in 5 per cent solution. The drinking water may be made antiseptic by adding 1/2 teaspoonful of permanganate of potash to each gallon, a procedure which serves to prevent the spread of disease thru the water and also is a convenient means of administering an internal antiseptic."

Congress has appropriated \$100,000 for the control of this disease. At present there appears to be no widespread infection, but it behooves every poultryman to watch his flock closely. Most of the poultry trouble in Kansas has been caused by neglect. Where the premises have been kept clean and the birds properly cared for and fed diseases have caused few losses.

**Hens, Hogs and Holsteins**

Chickens made a third of the income last year on the 240-acre Gresser farm, 6 miles northeast of Rossville. Egg sales averaged about \$90 a month. Mrs. Grant Gresser had charge of the flock. During two periods of the year, September and October and again in February the eggs are shipped to New York City. C. E. Gresser, Rossville banker, attends to the marketing, found by comparing prices in Topeka and the East that only during those periods did shipping pay.

"We've got a mighty good market in Topeka, the best in this Middle Western country," said Mr. Gresser. "Frequently it is higher than in Kansas City for select eggs. And it is no more trouble to ship to either Topeka or New York than it is to sell locally. If

we did not have such a good market in Topeka it might pay to ship during a longer period."

"All grain crops from the farm are marketed thru chickens, hogs and Holsteins. The poultry flock of 450 probably will be increased to 500 or 600.

"During the period when we ship, New York prices net 10 to 12 cents a dozen more than we can receive in Topeka," said Mr. Gresser. "That is after cost of cases, fillers and express charges have been taken out. From our station to New York the express is \$2.25 for single cases and \$4 for two cases. The cost a case in lot shipments is lower than the single case rate."

**We'll Eat Less Pork**

An acute shortage of hogs is indicated in the December 1 pig survey made by the United States Department of Agriculture and the rural carriers. It shows a decrease of 28.2 per cent in the number of sows farrowing in the fall of 1924 from the number of sows farrowed in '23. Because of a higher average number saved the decrease in pigs is only 22.2 per cent. For the Corn Belt, the decrease in sows farrowed was 30.6 per cent, and in pigs saved was 23.4 per cent. Decreases in the other regions were somewhat less.

The number of sows bred or to be bred to farrow next spring is 94.3 per cent of the number that actually farrowed in '24, for the United States, and 89.6 per cent for the Corn Belt. Based on the results of previous surveys, which have shown about how much the number of sows farrowed has fallen short of breeding intentions, the present survey indicates a reduction of from 15 to 25 per cent in sows that will farrow in the Corn Belt in the spring of 1925, as compared to '24. For the country as a whole a somewhat similar reduction is indicated.

The reduction of 23.4 per cent in the fall crop in the Corn Belt follows the reduction of 17 per cent in the spring crop shown by the survey of last June. The number of pigs raised in the Corn Belt in 1924 probably was 19 per cent less than in 1923. Quantitatively, this represents a reduction from 1923 of between 11 and 12 million head; around 7 million in the spring crop, and 4 1/2 million in the fall crop. But despite the large reduction in numbers born, the market movement to January 1 of the 1924 spring crop of Corn Belt hogs has been almost as large as the movement to the same date of the 1923 spring crop. December marketings and slaughter in 1924 were the largest ever recorded.

**Pass a Good Thing Along**

After you have read this issue of the Kansas Farmer and Mail and Breeze, hand it to your neighbor, who is not a subscriber. Get him to give you a dollar for a year's subscription and send the money to us and you will be given a year's credit on your paper.

**Just Like a Bachelor**

Albert Brown, a bachelor farmer of the Ismar community near Miltonvale, upset a pot of hot coffee on himself recently, severely burning his face and hands.

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**MARRIED MAN WANTS WORK ON farm;** experienced. Farr, Chapman, Kan.

**WANTED JOB AS RANCH FOREMAN,** OR will farm on shares. F. E. Rider, Howard, Colo.

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**PATENTS, WRITE FOR MY FREE GUIDE** "Books 'How to Obtain a Patent' a. i. 'Invention and Industry' and 'Record of Invention' blank before disclosing inventions. Send model or sketch of your invention for instructions. Promptness assured. No charge for above information. Clarence A. O'Brien, Registered Patent Lawyer 1507 Security Bank Building, directly across street from Patent Office, Washington, D. C.

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**TOBACCO: 5 LBS. BEST CHEWING \$2.00;** 5 lbs. smoking \$1.00, prepaid. Jim Foy, Dukedom, Tenn.

**TOBACCO—SELECT CHEWING 3 LBS.** \$1.00; fancy smoking 5 lbs., \$1.00. C. Scott, 8202, Sedalia, Ky.

**TOBACCO, POSTPAID, GUARANTEED.** Best Red leaf chewing, 5 pounds \$1.50; 10-2.75. Smoking 20c pound. Mark Hamlin, Sharon, Tenn.

**HOMESPUN TOBACCO, CHEWING 5 LBS.** \$1.50; 10-2.50. Smoking 5-1.25; 10-32. Mild 10-1.50. Pay when received. F. Gup-ton, Bardwell, Kentucky.

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**TRIAL ORDER: SEND ROLL AND 25c** for six beautiful Glossstone prints. Fast service. Day Night Studio, Sedalia, Mo.

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## RUG WEAVING

**RUGS WOVEN FROM YOUR OLD CAR-** pets. Write for circular. Kansas City Rug Co., 1518 Virginia, Kansas City, Mo.

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**WANTED: 50 ESKIMO PUPPIES A WEEK.** R. A. Reagan, Riley, Kan.

**COACH PUPS, 8 WEEKS OLD, \$5.00-\$10.00.** R. Hageman, Logan, Kan.

**BEAUTIFUL COLLIES, SHEPHERDS,** Fox Terrier puppies. Maxmeadow Kennels, Clay Center, Neb.

**ENGLISH SHEPHERD, SCOTCH COLLIES** and registered White Collie puppies. H. W. Chestnut, Chanute, Kan.

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**HOT TAMALES, CHILE AND OTHER** delicious dishes. Free recipe telling how to make. Henry Jefferies, Ottawa, Kan.

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**BEST WHITE EXTRACT HONEY, 60 LBS.** \$7.00, 120 lbs. \$13.00. T. C. Veirs, Olathe, Colo.

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**APPLE TREES, PEACH, PEAR, PLUM,** Cherry, small fruits, roses and shrubs, grapevines by the thousands. We save you 30% to 40% on every order. Write for wholesale list. "Truth Well Told." Welch Nursery, Shenandoah, Iowa.

**SEEDS—NEW CROP KANSAS ALFALFA** \$7.00 & \$9.50 bu., also Sweet Clovers, Red Clover, Alsike, Timothy, Sudan, Cane, Kafir, Millets, Seed Corn, Soy Beans, Cow Peas. Lowest prices. Bags free. Send for samples and save money. Solomon Seed Co., Solomon, Kan.

**CERTIFIED SEED OF KANOTA OATS,** Sudan grass, alfalfa, sweet clover and several varieties of corn, soybeans and sorghums. Inspected in field for purity. Germination tests in State Seed Laboratory. Only standard varieties inspected and certified. Kansas Crop Improvement Association, Manhattan, Kan.

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**RELIABLE WINFIELD FRUIT TREES** and berry plants, ornamental shrubs, roses, vines, etc. Buy direct from grower and save money. Send today for large new 1925 free illustrated catalog and price list describing our hardy, thrifty, drought resistant western grown nursery stock. Grown in the heart of the rich, fertile Arkansas River Valley. Better stock for less. Thos. Rogers & Sons, Pioneer Kansas Nurseries, Desk 11, Winfield, Kan.

**QUALITY TREES AND SEEDS FOR** spring planting; healthy plants quoted at extra low prices; offering marked reductions than our 1924 prices. Buy direct at wholesale prices; profit sharing premiums with sizable orders; select seeds of all kinds at low prices. Send today for free illustrated catalog and price lists containing valuable information. Wichita Nurseries & Seed House, Box B, Wichita, Kan. (34 years old).

## FIELD SEEDS WANTED

**SEEDS WANTED: Sudan, Red and Sweet** Clover, Millet, Alfalfa. Send samples. Ed. F. Mangelsdorf & Bro., St. Louis, Mo.

## STRAYED NOTICE

**TAKEN UP BY C. O. KING, LIBERAL,** Kan., on January 10, 1 brown mare mule, about 2 years old, weight 800 lbs., no brands. C. O. King, Liberal, Kan.

**TAKEN UP ON NOVEMBER 10, 1924, BY** Geo. E. Joss, Williamsport Township, Shawnee County, Kansas, 1 roan bull calf about fifteen months old without brands or marks. O. B. Eddy, County Clerk.

## POULTRY

*Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.*

## ANCONAS

**DON'T FORGET! BAKER'S ANCONA FARM,** Downs, Kan., has real Ancona chicks. Range flock special matings, list free.

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**BLUE ANDALUSIAN EGGS FROM CER-** tified flock, \$8-100. Chas. C. Miller, White City, Kan.

## BANTAMS

**BUFF COOHEN BANTAMS \$1.25 EACH.** Mary Kilcock, Blair, Neb.

**BARGAINS IN BUFF COOHEN BANTAMS.** E. Ross, Clay Center, Kan.

**GOLDEN SEABRITE BANTAM ROOSTERS,** \$2.00 each. Harry Reiber, Kincaid, Kan.

**GOLDEN SEABRIGHT BANTAM COCK-** erels, \$1.25; pullets \$1.00. Eggs in season. Henry Scheid, Vassar, Kan.

## BRAHMAS

**LIGHT BRAHMA COCKERELS \$1.50. W.** E. Bindley, Cimarron, Kan.

**LIGHT BRAHMA COCKERELS \$1.50 EACH.** Fred Rotert, Route 1, Sutherland, Neb.

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**PURE BARRON SINGLE COMB WHITE** Leghorns, state certified. Eggs \$5.00 hundred, postpaid, after February 15th. Booking orders now. Fine, healthy heavy laying farm flock. Mrs. W. C. Wilcoxon, Ford, Kan.

**BARRON'S ENGLISH WHITE LEGHORN** eggs. Pedigreed males that head flock bought direct from importer, from a pen of eight sisters trapnested by Tom Barron, Catfirth, England, with high egg records, \$6 per hundred. Fred Tobler, Lyndon, Kan.

**EGGS—PURE TOM BARRON, ENGLISH,** Single Comb White Leghorns, the large kind, carrying full blood lines of 304-314-332 egg hens, world's official champion egg laying contest winners. Greendale Imperial mating, this is a very special select flock, of extra high producing birds, selected from my many hundred hens, mated with wonderful cockerels from world famous 332 egg hen—best foundation stock money can buy. Eggs from this mating 10c, \$25; 50; \$14; 15; \$5. Flock No. 1 consists of hens specially selected for size, type, winter egg laying qualities and high egg capacity, mated with heavy weight, extra high rated, egg type cockerels. An exceptionally fancy, high egg producing, top combed flock. Eggs from this mating, 100; \$10; 50; \$6; 15; \$2.50. Flocks No. 2, 3 and 4, consist of high producing egg hens, mated with high rated egg type cockerels. Eggs from this mating, 100; \$5; 50; \$3; 15; \$2. Fine breeding hens \$2 each; selected pullets \$3 each; a few very fine unrelated cockerels, \$5 and \$10 each. Order eggs and breeding stock from Greendale Farms, best free range poultry plant in Central West, owned and superintended by Dr. J. Martin Haynes, breeding high producing English Leghorns exclusively. Remember—more money can be made from capital invested in a flock of Greendale English Leghorn hens, than from any other industry in the world. Heavy layers are great payers, start right, raise 1000 Greendale English Leghorn hens and make \$5,000 per year. Keep this advertisement and order from it. Greendale Farms, Macksville, Kan.

MINORCAS

**CHOICE WHITE MINORCAS, COCKERELS** \$2.00 each. J. E. Dreier, Hesston, Kan.

**WHITE MINORCA EGGS, FLOCK CULLED** by state man. Elmer Hershberger, Newton, Kan.

**FOR SALE: 18 OR 20 BUFF MINORCA** cockerels \$2 each. Hannah Shipley, Eskridge, Kan.

**BLACK MINORCA CHICKS \$15.00 PER** hundred. Eggs \$5 per hundred. Ralph Koken, Superior, Neb.

**SINGLE COMB BUFF MINORCA; LAYERS,** weighers and non-sitters, 15 eggs \$1.50; 50, \$4.00; 100, \$7.50. Guarantee 80% fertile. Joseph Pospisil, Ellsworth, Kan.



ORPINGTONS

BUFF ORPINGTON COCKERELS. GEO. Waters, Elk City, Kan.
BUFF ORPINGTON COCKERELS. GEO. Webber, Route 1, Quincy, Kan.
WHITE ORPINGTON COCKERELS \$2.00 each. Lone Star Ranch, Atwood, Kan.
SINGLE COMB WHITE ORPINGTON COCKERELS, \$2.00. Laura Warren, Eskridge, Kan.
CRYSTAL WHITE ORPINGTON COCKERELS, \$2.00 each. W. F. Bayer, Lorraine, Kan.
PURE BUFF ORPINGTON COCKERELS, \$2.50 each. Blanche Haney, Courtland, Kan.
CHOICE WHITE ORPINGTON COCKERELS \$2.00 each. Opal Rowley, Bushong, Kan.
BUFF ORPINGTON COCKERELS, COOK'S strain, \$2.00 each. Anna Catherwood, Anthony, Kan.
CHOICE BUFF ORPINGTON COCKERELS \$2, pullets \$1.50. Cora Charlton, Little River, Kan.
BUFF ORPINGTON COCKERELS \$2.50; eggs \$1.00. 100-\$5.00. Geo. Norris, Martindale, Kan.
BUFF ORPINGTON COCKERELS \$2.00 and \$2.50 each; pullets, 25c pound. Walter Brown, Perry, Kan.
CERTIFIED GRADE A SINGLE COMB Buff Orpington cockerels and eggs. Frank Dale, Coldwater, Kan.
SINGLE COMB BUFF ORPINGTON COCKERELS, large early hatch, \$2.50. Mrs. Claude Bridgeman, Abbyville, Kan.
PURE BRED SINGLE COMB BUFF ORPINGTON cockerels, the big bone type. Russell Welter, Grantville, Kan.
SINGLE COMB BUFF ORPINGTON STOCK for sale very reasonable considering the quality. J. M. Clevenger, Lawrence, Kan.
WHITE ORPINGTON COCKERELS, selected breeders from blue ribbon stock. H. M. Goodrich, 1625 Topeka Ave., Topeka, Kan.
PURE BRED SINGLE COMB WHITE ORPINGTON cockerels \$4.00, pullets \$2.00. Embden Geese \$3.00. Wm. Varnan, Kincaid, Kan.
BUFF ORPINGTON COCKERELS FROM heavy laying strain of superior type and color. Unique Poultry Farm, Little River, Kan.
PURE BRED BUFF ORPINGTON COCKERELS, \$3.50, \$5.00. Prize winners with twenty-nine ribbons this season state and county shows. M. E. Brown, Wilsey, Kan.
VIGOROUS BUFF ORPINGTON COCKERELS: Owen strain from Hogenized trap-nested stock. \$4.00. Five or more \$3.50. Donald Lockhart, Elk Falls, Kan.
PURE BRED BUFF ORPINGTONS. AT MIDWEST Poultry Show at Concordia we received second, third and fourth on cockerels. We have a good lot of cockerels at \$2.00 and up. J. L. Moorhead, Blue Rapids, Kan.

ORPINGTONS—Eggs

PRIZE WINNING BUFF ORPINGTON eggs \$1.00 setting, \$5.00 hundred. P. D. Briggs, Sedan, Kan.

PLYMOUTH ROCKS

BUFF ROCK COCKERELS \$2.00 EACH. Walter Shief, Wellford, Kan.
PURE WHITE ROCK COCKERELS, \$2.00. Mrs. J. E. Bowser, Abilene, Kan.
PARK'S COCKERELS AND EGGS, WRITE wants. Alice McBride, Brewster, Kan.
PARTRIDGE ROCK COCKERELS, EGGS and chicks. Fannie Jones, Girard, Kan.
BUFF ROCK COCKERELS \$2.00 EACH. Mrs. Katie Pankhauser, Madison, Kan.
IVORY STRAIN WHITE ROCK COCKERELS \$2.00, \$5.00. J. D. Fair, Sharon, Kan.
PURE BRED WHITE ROCK COCKERELS \$1.50. Mrs. B. O. Sager, Brewster, Kan.
PARKS BARRED ROCKS, COCKERELS \$3.00; four \$10. Rena DeBusk, Macksville, Kan.
ROCKS: STOCK AND EGGS, LANGDON Poultry Club, Joice Rallsback, Sec., Langdon, Kan.
PURE BRED RINGLET BARRED ROCK COCKERELS, \$4.00. Mrs. W. L. Turney, Peck, Kan.
BARRED ROCKS, 91 PREMIUMS, MALES and females. Mattie A. Gillespie, Clay Center, Kan.
BARRED ROCK COCKERELS, HOLTERRMAN strain, \$2.50. Mrs. W. S. Adams, Lewis, Kan.
IMPERIAL RINGLET BARRED COCKERELS; \$2.00 each, 6-\$10.00. Otto Damman, Bremen, Kan.
BARRED ROCK COCKERELS \$5.00, \$8.00. Satisfaction guaranteed. Hiram Patten, Hutchinson, Kan.
RINGLET BARRED ROCKS, COCKERELS \$3.00, \$5.00; Pullets \$3.00. Mrs. Kaesler, Junction City, Kan.
DEEPLY BARRED COCKERELS, PARK Aristocrats, \$3. \$5. Mrs. Aug. Christiansen, Brewster, Kan.
WHITE ROCK COCKERELS, FROM HIGH producing stock, \$5.00. Ralph Pooler, 522 Wabash, Topeka, Kan.
WHITE ROCK COCKERELS; BLUE RIBBON winners, \$2.50 to \$4.00. Fowler Bros., Russell, Kan., Route 3.
CHOICE BUFF ROCK COCKERELS, March, April hatches, \$2.50, \$3.00. Leitch Sisters, Parkerville, Kan.
STRICTLY PURE BRED PARTRIDGE Rock cockerels, eight pounders, \$2.25 each. Chris Stumps, Bushton, Kan.
SIMS STRAIN BARRED ROCK COCKERELS; ribbon winners, \$2.50 each. Mrs. Henry Dellinger, Route 2, Argonia, Kan.
BARRED ROCKS, BRADLEY HEAVY laying strain; cockerels \$3 to \$5. Eggs. Mrs. J. B. Jones, Abilene, Kan.
APPLEBAUGH'S FAMOUS WHITE ROCKS. Baby chicks or hatching eggs. Master Breeders Hatchery, Cherryvale, Kan.
HOLTERRMAN'S BARRED ROCK COCKERELS \$2.00. Single Black Minorca cockerels \$1.50. John Carroll, Lewis, Kan.
RINGLET BARRED ROCK COCKERELS. Good ones. Write your wants. Birds shipped on approval. J. L. Deeds, Lyons, Kan.
HILLVIEW BUFF ROCKS, WINTER LAYERS. Eggs \$6.00 per 100. Baby Chicks 15c each. Mary B. Martin, Havanna, Kan.
PRIZE WINNING WHITE ROCK COCKERELS. Fishel direct stock, State certified Class A. Carl Keesling, Neodesha, Kan.
CHOICE WHITE ROCK COCKERELS, Fishel strain. Eggs for hatching in season. Mrs. Everett Merryfield, Minneapolis, Kan.
WHITE ROCK COCKERELS, \$3.00, \$5.00, \$10.00 up. Eggs; three matings, one pedigreed. Chas. Blackwelder, Isabel, Kan.

PLYMOUTH ROCKS

IMPERIAL RINGLET BARRED ROCK COCKERELS, bred from heavy winter layers, \$3.00 each. D. A. Harris, Great Bend, Kan.
BARRED ROCK COCKERELS, FROM state certified Grade A flock. Write for prices. Wm. C. Mueller, Route 4, Hanover, Kan.
DARK BARRED ROCKS, BLUE RIBBON winners, heavy layers. Eggs \$1.25 fifteen, \$6.00 hundred. Otto Piepmeyer, Stafford, Kan.
WHITE ROCK COCKERELS AND EGGS from blue ribbon birds. Extra heavy layers. Raymond Diehl, Route 9, Lawrence, Kan.
PARK'S PEDIGREED BARRED ROCKS. No better layers. Cockerels, Eggs, Pleasure answering your inquiries. R. B. Snoll, Colby, Kan.
PARK'S OVER 285 EGG STRAIN, COCKERELS \$3 to \$5. Hens same. Eggs, setting \$2.50, flock 100, \$7. Mrs. F. Hargrave, Richmond, Kan.
BARRED ROCKS; RINGLETS; HEAVY boned, yellow legs, deep barring, laying strain. Cockerels \$2.00 and \$3.00. Mrs. Helen Romary, Olivet, Kan.
LARGEST IMPERIAL RINGLET BARRED Rock cockerels in Kansas. Eggs and chicks. Write for prices. North Willow Poultry Ranch, R. 4, Coffeyville, Kan.
ARISTOCRAT BARRED ROCKS, AN EXTRA fine lot of light, medium and dark cockerels from \$3.00 to \$5.00 each. Taken over 70 prizes past season. Dr. Hinchley, Barnard, Kan.
PUCKET MATED BARRED ROCKS, COCKERELS from prize winners Kansas City, Omaha shows, \$5.00 to \$15.00 each. Satisfaction guaranteed. J. C. Cadwalader, 804 Morris, Topeka, Kan.
PURE THOMPSON RINGLET COCKERELS. Trapped stock. Winners American Royal Wichita, National, Kansas State, Canada Provincial. 21 years Barred Rock breeder. \$5.00, \$8.00. Mrs. Robt. Simmons, Severy, Ks.

PLYMOUTH ROCKS—Eggs

RINGLET BARRED ROCK EGGS \$5.00 PER 100. Mrs. Lynn Bailey, Lyndon, Kan.
BUFF ROCK EGGS \$6.25 PER HUNDRED. Prepaid. Culled flock. Mrs. J. M. Hoover, Route 2, Lyons, Kan.
BARRED ROCKS, LARGE BONE, YELLOW legged, heavy laying. 100 eggs \$0.50. Mrs. Ira Emig, Abilene, Kan.
BUFF ROCKS, STATE CERTIFIED B-PLUS. Eggs \$1.50-15; \$3.50-50; \$6.00-100. Olive Holmes, White City, Kan.
WHITE ROCKS; EGGS FOR HATCHING. Mrs. Sam Lash, Abilene, Kan.
WHITE ROCK EGGS, ACCREDITED FLOCK. Pedigreed males, \$6.50-100 prepaid. Mrs. J. Christopher, Carleton, Neb.
BARRED ROCK EGGS FOR HATCHING. Park's 200 egg strain, \$2 setting, \$10-100. Gem Poultry Farm, Haven, Kan.
WHITE ROCK EGGS, 100-\$5.00; CHICKS 100-\$14.00. Live delivery prepaid. Mrs. Theodore Steffen, Broughton, Kan.
BUFF ROCKS, TWENTY SECOND YEAR. Eggs \$6.00 hundred, \$3.00 fifty. Also White Rock eggs \$3.00 fifty. Mrs. Homer Davis, Walton, Kan.
WHITE ROCKS: 200-314 EGGS TRAP-nested strain. Eggs \$5.00, \$7.00 per 100. Fertility guarantee. Wray's White Rock Farm, Sawyer, Kan.
PURE BARRED ROCK EGGS, SELECTED heavy winter layers. Ringlets. Range fifteen \$1.00, fifty \$3.00, hundred \$5.00. Postpaid. G. C. Dresler, Canton, Kan.
FISHEL STRAIN WHITE ROCKS, CERTIFIED A, 1923, 1924, 1925. Ribbons at Topeka, Hutchinson, Peabody. Eggs \$6.00-100. Mrs. James McCreath, White City, Kan.
LINDAMOOD'S BARRED ROCKS, LIGHT and dark, standard bred, state accredited. Range eggs \$6.00 per 100. Special matings \$5.00 for 15. C. C. Lindamood, Walton, Kan.

RHODE ISLANDS

ROSE COMB RED COCKERELS, \$1.50, \$2. Mary Moyer, Oakhill, Kan.
DARK RED SINGLE COMB COCKERELS \$2.50. Minnie Miller, Kincaid, Kan.
S. C. REDS, FINE HEALTHY COCKERELS \$2.00. Francis Long, Madison, Kan.
R. C. R. I. WHITE COCKERELS, \$2.00 each. R. A. Olson, Marysville, Kan.
ROSE COMB RHODE ISLAND WHITE COCKERELS. G. D. Willems, Imman, Kan.
HARRISON ROSE COMB REDS, COCKERELS \$2.50. Mrs. James Hills, Lewis, Kan.
ROSE COMB RHODE ISLAND WHITE COCKERELS. Mrs. W. Middleton, Kanorada, Kan.
ACCREDITED SINGLE COMB RED COCKERELS. Bred for egg production. Jesse May, Manhattan, Kan.
SINGLE COMB RED COCKERELS, \$2.00, \$3.50, \$5.00. Satisfaction guaranteed. H. L. McFall, Sawyer, Kan.
ROSE COMB RED HENS AND PULLETS of good quality \$1.50 each. Ray Barton, Sylvan Grove, Kan.
PURE ROSE COMB RED COCKERELS; large, dark, vigorous, \$2.50, \$4.00. Earle Bryan, Emporia, Kan.
PURE BRED LARGE TYPE DARK RED S. C. Rhode Island cockerels, \$2.00. Mrs. Gust Allen, Maplehill, Kan.
GOOD ROSE AND SINGLE COMB RHODE Island White cockerels for sale. J. W. Edwards, Meade, Kan.
PURE BRED LARGE TYPE DARK RED Rose Comb Rhode Island cockerels \$2.00. John F. Hubka, Wilson, Kan.
PURE BRED SINGLE COMB RHODE Island Red Cockerels, farm raised, \$2.50 each. J. H. Vernon, Oberlin, Kan.
SINGLE COMB RHODE ISLAND RED COCKERELS, pure bred, dark red, extra good. \$2. \$3. H. F. Enz, Fredonia, Kan.
CHOICE ROSE COMB RHODE ISLAND white cockerels, large vigorous stock, \$3.00. L. L. Thierolf, Wamego, Kan.
SINGLE COMB RHODE ISLAND RED COCKERELS from certified flock, two to four dollars. Archie Fisher, Wilmore, Kan.
SINGLE COMB REDS, OWEN'S; COCKERELS pullets. Best blood lines back of them. \$2. \$5. Sol Banbury, Pratt, Kan.
BEAUTIFUL DARK RED S. C. R. I. COCKERELS and cocks. Heavy winter layers, \$3.00 \$5.00. Mrs. Laura Henlok, Lawrence, Kan.
ROSE COMB REDS; COCKERELS AND COCK birds from good laying strain, \$2.50 \$3.00, \$3.50 each. G. H. Meier, Alma, Kan.
SINGLE COMB RED COCKERELS, SPLENDID show record. Prices reasonable. Eggs in season. Minnie Vontungeln, Clay Center, Kan.

RHODE ISLANDS

ROSE COMB RED COCKERELS DIRECT from state certified class A. \$3.00, \$5.00. Eggs, chicks. Mrs. Alex Leitch, Parker-ville, Kan.
SINGLE COMB REDS, EXHIBITION AND egg bred. Cocks, cockerels, \$3.00, \$5.00. Eggs. Write for mating list. Macs Bros, Garnett, Kan.
LARGE, DARK, VACCINATED SINGLE Comb Red cockerels, three to ten dollars. Satisfaction guaranteed. J. J. Smith, Burlington, Kan.
S. C. REDS, RICKSECKER AND TOMPKINS strain, from prizewinning stock. Hogenized. \$2.00, \$3.00, \$5.00. Mrs. Geo. Wharton, Agenda, Kan.
SINGLE COMB RED COCKERELS, BLUE Ribbon winners. Egg bred. \$3, \$4, \$5. Satisfaction guaranteed. Hatching eggs. Verl Smith, Bucklin, Kan.
CHOICE ROSE COMB RED COCKS, COCKERELS, and pullets. Bred for type, color and production. Priced reasonable. Ross Land, Wakarusa, Kan.
SINGLE COMB, LARGE, HEALTHY RED COCKERELS. Hogenized for color and egg production from pen matings, \$2.00 each. B. Burkman, Talmo, Kan.
LARGE BRILLIANT REDS, ROSE AND Single Comb cockerels \$2.00, \$3.00. Single Comb pullets \$1.50; \$15.00 per dozen. Westview Farm, Wetmore, Kan.
FOR SALE: SINGLE COMB RED COCKERELS; Hogenized. Farm range \$2.00 each. Satisfaction guaranteed. Mrs. Sylvia Sherwood, Concordia, Kan., R. 2.
PURE BRED RHODE ISLAND RED COCKERELS, rose and single comb, \$2.00, \$3.00 and \$5.00 each. Splendid show record. Marshall's Yards, LaCygne, Kan.
CHOICE ROSE COMB RHODE ISLAND White cockerels. Prize winning stock. Hogan tested and guaranteed, \$2.50 each. Goernandt Bros., Aurora, Kan.
ROSE COMB RED COCKS AND COCKERELS, sired by first prize winners. Selected for size, color and type. \$2.50 each. Mrs. Arthur Woodruff, Miltonvale, Kan.
REGISTERED AND PEDIGREED BIRDS. Fifteen years under trap. All from 300 egg hens. Price reasonable. Rhode Island Reds, both combs. Albert G. Requa, Caney, Kan.
ROSE COMB RHODE ISLAND RED COCKERELS, dark even color, large type. Prize winning stock. \$3.00, \$5.00. Satisfaction guaranteed. Mrs. H. P. Wheeler, Rozel, Kan.
STATE CERTIFIED CLASS "A" SINGLE Comb Red cockerels, \$3 to \$15. Exceptionally fine, vigorous birds from trap-nested pens. Mrs. Sophie Lindgren, Dwight, Kan.
ROSE COMB RED COCKERELS, WELL marked, dark, \$5.00, \$3.00. Baby chicks 15c each. Eggs, pen 1, \$5.00; pen 2, \$8.00-100; range \$8.00-100. Edith Couter, Wetmore, Kan.
S. C. RHODE ISLAND WHITES, AS PRO- mitted layers, the peer of the best, excelled by none. Fifteen, two fifty; one hundred, seven dollars. Prepaid. J. H. Lansing, Chase, Kan.
DARK RED ROSE COMB RHODE ISLAND Red cockerels, Hogan tested. All culled and from prize winning stock. Satisfaction guaranteed. \$3.00 each. Goernandt Bros., Aurora, Kan.
LONG, BROAD BACK, LOW TAILS, DARK even red to skin, Rose Comb Rhode Island cockerels \$2.25, \$3.00, \$5.00; five \$10.50. Eggs 15-\$1.00, 100-\$5.00; pen 15-\$2.00. Walter Balrd, Lake City, Kan.
OLDEST CERTIFIED CLASS A TRAP-nested flock of Rose Comb Reds in Kansas. Breeding pens trap-nested year around. Non-setting high production and exhibition qualities combined. Extra good pedigreed cockerels \$5.00 to \$20.00. Pen eggs \$4.00 to \$8.00 per 15. Utility \$12.00 per 100. Mating list on request. Satisfaction guaranteed. Mrs. James Gammell, Council Grove, Kan.

RHODE ISLANDS—Eggs

SINGLE COMB RED EGGS FROM LINE bred prize winning stock, \$2.00 setting. J. W. Deeter, McPherson, Kan.
EGGS FROM CERTIFIED CLASS B ROSE Comb Reds, \$8 per hundred, \$1.50 setting. Laura Newton, Americus, Kan.
ROSE COMB WHITE LEGHORNS, COCKERELS from certified hens, egg record 231. Geo. A. Heymann, Burns, Kan.
PURE ROSE COMB RHODE ISLANDS. Rich, dark red. Eggs \$6.00-100; \$1.20-15. Mattie M. Shearer, Frankfort, Kan.
EXTRA FINE ROSE COMB REDS, WINTER layers. Eggs \$6.00 per 100, prepaid. Mrs. V. E. Swenson, Little River, Kan.
SINGLE COMB REDS, PEDIGREED, 23 RIBBONS 1924, and eggs, eggs, eggs. Pens and range. Write O. D. Hatch, Netawaka, Kan.
KANSAS CERTIFIED CLASS A SINGLE Comb Reds, Mahoods trap-nested stock. Range eggs \$6.00-100. Mrs. Nell Kimble, Carbondale, Kan.
800 ROSE COMB REDS, 20 YEARS. BETTER still, order now for March and April. Range eggs \$100-\$10; pen 15-\$5. J. C. Banbury, Pratt, Kan.
ROSE COMB REDS, 300 EGG STRAIN, certified. Pens headed by pedigreed cockerels. First pen \$3-15 eggs; second \$10-100. Baby chicks. Mrs. Maud Smith, Alden, Kan.
ROSE COMB RHODE ISLAND WHITES, extra fine cockerels cheap for immediate sale. Eggs \$5.00 from pen; flock \$3.00. Young stock in season. Mrs. J. R. Bentley, Gentry, Ark.
TOMPKINS SINGLE COMB RHODE Island Reds. Linebred for high egg production, type and color. Eggs \$6.00 hundred. Satisfaction guaranteed. John Little, Concordia, Kan.

WYANDOTTES

COLUMBIAN WYANDOTTE COCKERELS \$2, \$4.00. Mrs. Ben Hitchens, Burlington, Kan.
PREMIER PARTRIDGE WYANDOTTES; Cockerels, \$3, \$5. Rena DeBusk, Macksville, Kan.
SILVER WYANDOTTE COCKERELS, penned flock, \$3.00. Judson Adcock, Wilmore, Kan.
SILVER LACED WYANDOTTE COCKERELS, prize winners, \$2.50. D. Norton, Herington, Kan.
LARGE WHITE WYANDOTTE COCKERELS \$2.50 each. Mrs. H. C. Johnson, Garrison, Kan.
SILVER LACED WYANDOTTE COCKERELS, two dollars. Ellery Kimball, Manhattan, Kan.
WHITE WYANDOTTES DIRECT FROM Martin-Keeler's show quality record layers. Cockerels \$2.50; eggs 100-\$6.00. H. O. Collins, Fontana, Kan.

WYANDOTTES

ROSE COMB WHITE WYANDOTTE COCKERELS, laying strain, \$2 to \$5 each. E. B. Saylor, Lewis, Kan.
WHITE WYANDOTTE COCKERELS, REGAL-Dorcas strain, \$2.50. Mrs. Geo. Ludman, Lewis, Kan.
PURE KEELER STRAIN WHITE WYANDOTTE cockerels, \$2.00 each. Mrs. Roy Phillips, Manhattan, Kan.
PRIZE COLUMBIAN WYANDOTTE PULLETS; also Japanese Silky Bantams. Henry Pauls, Hillsboro, Kan.
STATE CERTIFIED GRADE A WHITE Wyandottes. Flock record 172 eggs. J. M. Ragsdale, Waverly, Kan.
WHITE WYANDOTTE COCKERELS, MARTIN direct. Prize winners, \$2.50-\$3.00. Mrs. O. Richards, Beverly, Kan.
WHITE WYANDOTTE COCKERELS, PURE bred Tom Barron heavy laying strain. August Olson, Russell, Kan.
PURE BRED COLUMBIAN WYANDOTTE cockerels \$2.00 each. Toulouse goose, \$2.50. Mrs. Ira White, Walnut, Kan.
SKALICKY SILVER WYANDOTTES, COCKERELS, Eggs. From winning and bred-to-day stock. Fred Skalicky, Wilmore, Kan.
WHITE WYANDOTTE COCKERELS, CERTIFIED pure Keeler strain. \$3.00-\$5.00. Chas. C. Miller, White City, Kan.
SILVER LACED WYANDOTTES, COCKERELS \$2.00 to \$5.00. State certified. Eggs \$2.00 per 15; \$8.00 per 100. J. W. Thomas, Humboldt, Kan.
STATE CERTIFIED CLASS A BUFF WYANDOTTE eggs \$7.00 hundred, \$1.50 setting. Baby chicks 20c each. Prepaid. Rickman Sisters, Waverly, Kan.
BLUE RIBBON WHITE WYANDOTTE cockerel, Burlington show; also other pure Rogan, three dollars and up. Gertrude Klingenberg, Gridley, Kan.
WHITE WYANDOTTES, BLUE RIBBON winners in Ellis, Barton and Rush county. Cockerels \$3.00; eggs, special pen \$2.50 per 15. Harve Timken, Bison, Kan.
WHITE WYANDOTTE HATCHING EGGS \$7.00 hundred. Baby chicks \$20 hundred. Pen eggs \$5.00 setting. Martin Keeler strain heavy layers. Prize winning stock. Floyd Sellers, Galva, Kan.
PURE BRED WHITE WYANDOTTE COCKERELS from blue ribbon stock bred for type and egg production. \$5.00 to \$8.00 each. Eggs for hatching \$9 per hundred. Stock tested, free from Bacillary White Diarrhea. Mrs. John Colliester, Manhattan, Kan.

WYANDOTTES—Eggs

PURE WHITE WYANDOTTE EGGS \$5.00-105. Anna Larson, White City, Kan.
PURE BRED WHITE WYANDOTTE EGGS from two pens, \$5.00 and \$6.00 per 100. Chas. Cleland, Eskridge, Kan.
WHITE WYANDOTTE EGGS FOR HATCHING, 285 egg records. Mating list. Mrs. A. J. Higgins, Effingham, Kan.
WHITE WYANDOTTE EGGS FROM CERTIFIED stock, Keeler direct, \$5.00-100. Mrs. Chas. C. Miller, White City, Kan.
PLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan. Eggs from special matings and choice flock. Booking orders now.
WHITE WYANDOTTE HATCHING EGGS, \$6.00 hundred. Headed by cockerels from 280 egg strain. David Keller, Chase, Kan.
WHITE WYANDOTTE HATCHING EGGS. Foundation D. O. Sullivan's best breeding direct. Trap-nest record, 200 to 240. Roy Cook, Pleasanton, Kan.
WHITE WYANDOTTES, MARTIN-KEELER strains. Eggs 100-\$6.00; 50-\$3.50. Safe delivery and satisfaction guaranteed. Garland Johnson, Mound City, Kan.
PURE BRED WHITE WYANDOTTES, ACCREDITED flock. Bred for heavy egg production. Eggs for hatching \$6.00 per 100; \$3.50 for 50. Stover & Stover, Fredonia, Kan.
WHITE WYANDOTTE, REGAL DORCAS strain, specially culled for quality and heavy laying. Satisfaction guaranteed. Prepaid, \$1.50-15, \$3.50-50, \$8.00-100. G. F. Friesen, Cottonwood Grove Farm, Hillsboro, Kan.

TURKENS

HALF TURKEY, HALF CHICKEN, MALES for cross breeding, largest of fowls. Eggs, stock, photos, booklet, 10c. Ozark Turken, West Plains, Mo.

TURKEYS

BRONZE TOMS \$6.00; 2 YEAR \$8.00. ANNA Pick, McAllister, Kan.
PURE BOURBON RED HENS \$4.00. Mildred Lonner, Dighton, Kan.
EXTRA WHITE HOLLAND TOMS \$9.00. M. A. Bradford, Cushing, Okla.
BRONZE GOLDBANK STRAIN TOMS \$8.00, hens \$6.00. Frank Ayers, Burns, Kan.
PURE BRED BOURBON RED TURKEY hens \$4.00. Geo. Rhorer, Lewis, Kan.
BOURBON RED TURKEY TOMS \$7.00. R. P. Graves, Route 2, Florence, Kan.
GOLDBANK GIANT STRAIN BRONZE Toms \$8.00. Carvatta Greve, Bovina, Colo.
MAMMOTH WHITE HOLLAND TOMS \$8.00, hens \$5.00. Mrs. Will Jones, Wetmore, Kan.
MAMMOTH BRONZE TURKEYS, FROM Blue ribbon winners. E. Bidleman, Kinsley, Kan.
A FEW CHOICE NARRAGANSETTS, FROM first winners. Mrs. Fred Fletcher, Kinsley, Kan.
EXTRA NICE MAMMOTH WHITE HOLLAND hens four dollars. John Dugan, Milton, Kan.
MAMMOTH BRONZE TOMS, BARRED Rock cockerels. Mrs. Arthur Penton, Bendena, Kan.
PURE BRED, BEAUTIFUL, MAMMOTH Bronze Toms \$10. Mrs. W. L. Turney, Peck, Kan.
PURE BRED BOURBON RED TURKEYS; toms \$5, hens \$4. Eva McGinnis, Fall River, Kan.
FINE BOURBON RED TURKEYS, TOMS \$8.00, hens \$5.00. White tails. Sadie Struthers, Rozel, Kan.
GIANT BRONZE TURKEYS, TOMS AND hens, quality stock, Goldbank strain. Vira Bailey, Kinsley, Kan.
MAMMOTH GOLDBANK BRONZE TOMS \$10. Prize winners, vaccinated. Loretta Kearney, Belpre, Kan.
PURE BRED NARRAGANSETT TURKEYS. Toms \$8.00; Eggs \$6.00 for nine. Mrs. James Hills, Lewis, Kan.
CHOICE MAMMOTH BRONZE TURKEYS. Toms \$10.00 to \$15.00; old tom, \$20.00; hens \$6.00 to \$8.00. Extra healthy. Fowler Bros., Russell, Kan., Route 3.



TURKEYS

PURE BRED BRONZE TURKEYS. BRED from prize winners. Reduced prices. Minnie Snider, Piedmont, Kan. CHOICE WHITE HOLLANDS, 33 POUND yearling. Young toms 29 pounds. \$10.00. Mrs. House, Rush Center, Kan. FINE LARGE WHITE HOLLAND TURKEY pullets \$5.00. Chenoweth's White Feather Farm, Gove, Kan. PURE BRED NARRAGANSETT TURKEYS; Toms \$7.00, hens \$4.00, old toms 35 lbs., \$8.00. Joe Dickson, Webster, Kan. PURE BRED GOLDBANK MAMMOTH Bronze Turkeys; Toms \$8.00, Hens \$5.00. Effie Bachar, Route 3, Russell, Kan. BOURBON RED TOMS, EXTRA LARGE, fine white tails, dark even body, \$10.00. Eggs. Mrs. Clyde Meyers, Fredonia, Kan. GIANT BRONZE, GOLDBANK STRAIN. Turkeys with quality, size and vigor. Reasonable prices. F. J. Buck, Tescott, Kan. WHITE HOLLAND TURKEYS, TOMS \$6.00 to \$8.00; hens \$5.00. Also Buff Orpington Ducks \$2.00. Mrs. Geo. Lerew, Portia, Kan. PURE BRED EXTRA LARGE, PINK legged, Mammoth White Turkeys; Toms, \$10.00, hens, \$6.00. Grace Scott, Anthony, Kan. MAMMOTH BRONZE TURKEYS. WHY not buy biggest and best? May toms 30, 32 lbs.; pullets 18, 20 lbs. Elmer Harris, Sharon, Kan. IDEAL MAMMOTH GOLDBANKS. PRIZE winning bargains. Vaccinated and guaranteed. Toms \$10-\$20; hens \$6-\$10. W. S. Linville, Lamar, Colo. LARGE, DEEP BREASTED DARK RED, white markings, Bourbon turkeys. Toms \$5.50, hens \$3.50. Eggs 11-\$4.00, 56-\$16.50. Walter Baird, Lake City, Kan. MAMMOTH NARRAGANSETTS, PURE bred, well marked, healthy and tame. Sired by Missouri toms; hens \$4.00; toms \$9.00. Eugenia Saylor, St. John, Kan. PURE BRED NARRAGANSETT TURKEYS. First prize winners at every show. The kind that pay. All standard birds. Toms \$12.00, hens \$8.00. C. H. Lessor, Lincoln, Kan. TURKEYS, BRONZE; BIRD BROS., GOLDBANKS direct. Big, lusty, early hatch, beautifully plumaged; toms \$10 up; hens \$7 up. Mrs. Iver Christenson, Jamestown, Kan. STRICTLY PURE BRED MAMMOTH SNOW White Holland Turkeys. Extra large boned, pink shanks, all standard birds. Toms, \$10.00, hens \$8.00. R. O. Hanneman, Lincoln, Kan. MAMMOTH BRONZE TURKEY TOMS, Goldbank strain; sired by sweepstake of the Kansas State Poultry Show. Other prizes 1st on tom, cockerel and pullet, 2nd on hen. Price \$10 to \$15. Mrs. Geo. Koontz, Haven, Kan.

SEVERAL VARIETIES

HATCHING EGGS, JERSEY BLACK GIANT, Single Comb Red, Golden Seabright Bantams. Free descriptive folder. Sibley's Poultry Farm, Lawrence, Kan. FRY'S PURE BRED POULTRY. ALL THE leading breeds; breeding stock and hatching eggs in season. Send 2c in stamps for circular and price list. Samuel T. Fry, Elizabethtown, Pa., Box F. SPECIAL BARGAINS IN DARK RED Rose and Single Comb Reds, Buff Orpingtons, Columbian, Partridge, Silver Lace and White Wyandottes. Males, \$2.50 to \$3.00 each. Females, \$2.00 to \$2.25 each. Also all other leading varieties chickens, ducks, geese, turkeys and guineas. List free. Miller Poultry Yards, Dept. 7, Hampton, Ia.

POULTRY PRODUCTS WANTED

CAPONS, DUCKS, TURKEYS, PIGEONS, Chickens wanted. Coops loaned free. The Copes, Topeka. WILL PAY THIRTY CENTS FOR LIVE capons 8 pounds and up. Cultra Company, Salina, Kan. PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

POULTRY SUPPLIES

BROODERS—COAL OR KEROSENE INEXPENSIVE easily operated. Write Post, Mound City, Kan. Also pure bred chix or eggs; Leghorns, Wyandottes.

CUSTOM HATCHING

CUSTOM HATCHING, FOUR DOLLARS hundred. Write for space. Chicks returned postpaid. Queen Hatchery, Grand Island, Neb. OVER 20 YEARS SUPPLYING QUALITY Chicks and Poultry Supplies. Special rates on custom hatching. McCune Hatchery, Ottawa, Kan.

Constantinople a Dead Burg

According to the more or less appreciated Le Temps of Paris, Constantinople is a dying city. Its formerly busy harbor is deserted, banks will lend money only on exorbitant terms, big business houses are liquidating their affairs and closing their doors. Foreigners are leaving en masse, or—as in case of the Greeks and Armenians—are being expelled by the authorities; and even part of the Mussulman population is migrating to Anatolia in the hope of bettering its condition.

Constantinople suffered severely during the succession of wars that began with the Balkan conflict in 1912 and ended only with the defeat of the Greeks last year. A series of conflagrations, the ravages of which could not be repaired in the prevailing unsettlement, has swept away more than a fifth of the city. Revolution and civil war have practically extinguished the Black Sea trade; and Constantinople, like Vienna, is suffering from the shrinkage of the territories of which it formerly was the commercial center. Last of all, the departure of 300,000

Greeks and Armenians, like the expulsion of the Jews from Spain and the Huguenots from France, has prostrated important economic activities of the city. Meanwhile Constantinople's rivals are profiting by the distress of their old competitor. Alexandria, Beirut, Piraeus and Salonika are no longer simple satellites of the metropolis on the Bosphorus, but are rapidly becoming independent trade-centers.

Notwithstanding this discouraging situation, however, correspondents point out that the causes of the present depression are political and transitory, while the natural advantage that has made Constantinople great—her strategic situation at a focus of land and sea routes—remains unaffected, and they confidently predict her ultimate revival.

Our Best Three Offers

One old subscriber and one new subscriber, if sent together, can get The Kansas Farmer and Mail and Breeze one year for \$1.50. A club of three yearly subscriptions, if sent together, all for \$2; or one three-year subscription, \$2.—Advertisement.

Financially Strong, Maybe?

Not long ago a Greek bootblack on Kansas Avenue in Topeka returned to his native land. "Too bad that he went back to his poor people," said a patron. "His family isn't poor," remarked another Greek boy. "Why, they own a thousand goats."

Sold 1,873,581 Fords

The Ford Motor Company sold 1,873,581 cars last year—this is at the rate of 250 an hour 24 hours a day for 300 working days. This includes 200,000 trucks.

That's Argonne Stuff

Rolla West of McCune lays claim to the Kansas championship in long distance coyote killing. He shot one at a distance of 275 yards, using an army rifle.

The test of sound education is not what we know, but what we make use of.

It's surprising how a scrub cow can reach into your pocket and take money.

LIVESTOCK NEWS

By J. W. Johnson Capper Farm Press, Topeka, Kan.



King Bros., Delphos, Kan., will sell Shorthorn cattle and Poland China bred sows and gilts at their farm, near that place Feb. 10.

Johnson & Auld, Guide Rock, Neb., were exhibitors in the Shorthorn show at Denver last week. Also A. C. Shellanberger of Alma, Neb.

Thos. Andrews, Cambridge, Neb., was one of the good winners in the Shorthorn show at the Western National last week. He won junior championship on bull and second on get of sire.

Denver has become a great horse and mule market. I was told last week that the Denver horse and mule market sold more horses and mules in 1924 than any other market in America.

J. H. Hamilton & Son, Guide Rock, Neb., are well known breeders of Poland Chinas and last week showed Polands in both breeding and fat hog classes at Denver. They won four firsts.

The Deming Ranch, Oswego, Kan., exhibited 25 Poland Chinas in the breeding classes and nine in the fat hog classes at the Western National at Denver last week. They were in the money all the time as is usual.

There was a nice little Guernsey exhibit at the Western National last week of 34 head, all Colorado herds. The Guernsey breeders in Colorado have a state association. H. E. Parker, Greeley is president and Clark Bender, Johnstown, is secretary.

L. L. Humes, Glen Elder, Kan., is one of the well known Mitchell county Duroc breeders and I have a letter from him saying that he is keeping a nice lot of sows for spring farrow and that he thinks the future of the Duroc business is very promising.

Clarence Borger, that one time lived near Cawker City, Kan., and owned a good herd of Shorthorns was a visitor at the Western National at Denver last week. He owns a 1,600 acre ranch near Grover, Colo., but is living in Fort Collins and attending Agricultural college, where he is taking animal husbandry and other branches.

Geo. Porteous, well known all over Kansas as a breeder of Angus cattle at Lawrence for a number of years, is manager of the S. C. Fullerton Angus herd at Miami, Okla. He was at Denver last week with a show herd and showed the grand champion steer of all breeds that sold for \$32 per hundred weight.

The annual meeting of the Kansas Duroc Breeders Association will be held in the

Animal Husbandry Building, Kansas State Agricultural College, on February 3 at 3:30 p. m. This is in connection with the regular Swine Day program of Farm and Home Week. All Duroc breeders are invited to attend.

P. M. Gross, Kansas City, Mo., broke the record four years ago when he sold 326 carlots of feeders at the Western National in 326 minutes. He sells the feeders there every winter and last week was a mighty busy man all week. Monday and Tuesday he sold horses and mules and Wednesday cattle, hogs and sheep.

Mousel Bros., Cambridge, Neb., sold 50 Herefords in their January 6 sale at Cambridge for an average of \$331. The top was \$12.85 for a cow and the top price paid for a bull was \$1000. Buyers were from nine states and Canada but the most of the cattle went to breeders in the corn belt.

H. T. Hineman & Son, Dighton, Kan., believe the best way to prove the superior merits of their jacks and jennets is by showing mules raised on their farm. They had an exhibit of jacks and jennets and mules at the Denver show last week and many of the jacks were sons of their world's champion jack, Kansas Chief.

W. R. Huston, Americus, Kan., will sell Duroc fall yearling and spring bred gilts in the sale pavilion at Emporia, Kan., February 26. Mr. Huston is one of the breeders of Durocs that has kept abreast of the times in popular breeding and has had faith in the business of breeding good Durocs. Walmoteyer's Giant and Major Stills are two prominent sires in his herd.

Foster Farms, Rexford, Kan., bought the top bull in the Hereford sale at the Western National at Denver last week. He was the senior champion and showed and consigned by Paul Hahnwald, Eagle, Colo. They paid \$1,000 for him which was the highest price paid for a bull in any of Western National sales last week. The bulls in the sale averaged \$400 and the general average was \$336.

Colorado Shorthorn breeders were jubilant last Tuesday at the Denver stock show when Joseph Winkler of Castle Rock and C. A. Melburn of Elbert won grand champion and reserve grand champion, respectively over all breeds in the carlot feeder cattle competition and the \$250 prize offered by the American Shorthorn breeders association.

Goernandt Bros., Aurora, Kan., are breeders of a very high quality of Polled Hereford cattle. Their herd has the distinction of having produced three Polled bulls that won first at State fairs competing with horned cattle. Aurora is in Cloud county south of Concordia and the Goernandt Bros. are substantial farmers and Polled Hereford breeders near there.

F. B. Wempe, Frankfort, Kan., has asked me to announce that the Kansas Hampshire breeders association will hold their annual meeting, Tuesday, February 3 at 11 o'clock in the west wing of the Agricultural building, Room 14. If you are interested in Hampshire you are invited to attend and become a member of the Kansas organization.

Nell Wishart, who for more than 12 years has been manager for the Allen Cattle Company, Shorthorn breeders at Colorado Springs has severed his connection with that firm and has bought an operating interest in Bluemont Farm, Manhattan, Kan. Shorthorns, Durocs and field crops will be produced under the direction of Mr. Wishart, who has already located there with his family.

Joe Lynch, Jamestown, Kan., and a number of Spotted Poland China breeders of that section of the state have been planning a combination bred sow sale for February at Beloit, but I have a letter from Joe saying the breeders that were expected to sell are keeping their sows and don't want to consign to the sale. The sale has been called off because of the scarcity of sows to sell.

There were two or three Silver Fox exhibits at Denver last week. I was told there were eighteen fox ranches in Colorado and that the value of the foxes on these eighteen ranches was more than \$350,000. This is comparatively a new industry having started in 1921. I inquired the prices with the idea that some of my friends might want to go in the fox business. The very best price I could get on a pair was \$1,500 and on up to \$10,000 per pair.

The Shorthorn sale at the Denver stock show last Wednesday was a very satisfactory sale. The sale was under the direction of W. A. Cocher and about 50 head were sold for an average of right at \$70. The top was \$525 for Merry Lass XV, a three year old heifer that won third the day before. She was owned and consigned by Thos. Andrews, Cambridge, Neb., and went to L. E. Kruse, Haigler, Neb. Bulls sold from \$100 up to \$280.

LIVESTOCK NEWS

By Jesse R. Johnson Eaton Hotel, Wichita, Kan.



W. E. Weidlein Poland China breeder of Augusta, Kan., is keeping over fifteen mighty choice sows for spring farrow. The big boar Hercules Revelation heads this herd.

H. E. Wyatt of Falls City, Neb., has been breeding registered Jersey cattle for over

POLAND BREEDER GETS RESULTS FROM KANSAS FARMER ADVERTISING

We are getting very good results from our advertising in Kansas Farmer and Mail & Breeze. We have hardly missed a day getting an inquiry and have sold five pigs to date. A few of our inquiries have been for boars and bred sows. The bulk of them have been for baby Polands.—Miles Austin, Burrton, Kan. Breeder of Poland China Hogs. Jan. 15-25.

Save Money by Ordering Clubs

- Our Special Favorite Club 247K all for \$1.50
Capper's Weekly...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
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People's Popular Monthly...1 yr.
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American Needlewoman...1 yr.
McCall's...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
Good Stories...1 yr.
The Household Magazine...1 yr.
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Club 237K all for \$1.40
Woman's World...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
American Needlewoman...1 yr.
Good Stories...1 yr.
The Household Magazine...1 yr.
The Gentlewoman...1 yr.
Club 239K all for \$1.35
Kansas Farmer and Mail & Breeze...1 yr.
People's Home Journal...1 yr.
Good Stories...1 yr.
The Household Magazine...1 yr.
Rural Mechanics...1 yr.
Club 240K all for \$1.45
Woman's World...1 yr.
The Household Magazine...1 yr.
Good Stories...1 yr.
Needle Craft...1 yr.
Home Circle Magazine...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
Club 241K all for \$1.50
American Needlewoman...1 yr.
The Household Magazine...1 yr.
Good Stories...1 yr.
Illustrated Companion...1 yr.
Home Circle Magazine...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
People's Popular Monthly...1 yr.
Club 209K all for \$1.40
American Fruit Grower...1 yr.
American Needlewoman...1 yr.
The Household Magazine...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
Good Stories...1 yr.
Home Circle Magazine...1 yr.
Club 210K all for \$1.40
People's Home Journal...1 yr.
American Needlewoman...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
The Household Magazine...1 yr.
Club 242K all for \$1.50
People's Home Journal...1 yr.
The Household Magazine...1 yr.
Kansas Farmer and Mail & Breeze...1 yr.
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American Fruit Grower...1 yr.
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Today's Housewife...1 yr.
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Park's Floral Magazine...1 yr.
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Near bustling town, good markets; productive fields for general crops, hogs and dairy; pasture, woodland; pleasantly located dwelling, barn. If taken now horse, cattle, hens, etc., included; \$1100 for all, only \$400 needed. Details pg. 146 Big Illus. Bargain Catalog, Free, Street Farm Agency, 831GP New York Life Bldg., Kansas City, Mo.

#### KANSAS

**SELL** on crop payment plan. Pay 1/4 crop \$29 acre. Fine crops. Ely, Garden City, Kan.

**FOR SALE:** N. E. Kansas bottom and upland farms, Melvin Ward, Holton, Kan., R. 1.

**400 ACRE** improved farm near Spearville, Kan. 260 in wheat, \$55 per acre. 1/4 cash, balance 5%. J. F. Harris, Dodge City, Kan.

**640 ACRE** improved wheat farm, 2 1/2 miles from Dighton, Kan. Price \$50 per acre. W. H. Crow, Dighton, Kan.

**BUY CORN LAND NOW.** Write for new list of Eastern Kansas Farm bargains. Mansfield Land & Loan Company, Ottawa, Kan.

**160 ACRE** Stock and Grain Farm, well improved, 3 1/2 miles Mayetta. Price \$100 acre. A. P. Klentz, Owner, Mayetta, Kan., R. 2.

**126 ACRE FARM;** bottom land all but six acres cultivated, fine improvements. Three miles from town. \$125 per acre. Address Wyman Ins. Agency, Quenemo, Kan.

**IMPROVED QUARTER** \$4600, \$1600 cash, balance terms. Other S. W. Kansas bargains where land values are increasing. B. & B. Realty Co., Copeland, Kansas.

**250 ACRES** of Eastern Kansas upland. Good improvements, selling to settle estate. Write A. A. Velthoen, Adm. Route 1, Garnett, Kan.

**FOR SALE BY OWNER,** well improved half section, Scott Co., Kan., abundance good water, school and town close, good orchard, desirable place for a home. Lawrence Neanderhiser, Manchester, Kan., Rt. 2.

**400 ACRE** well watered pasture. 440 Acre Combination Stock Farm. 160 Upland Farm, good for dairy. Drug store in small town, good for one man, terms. E. W. Adam, Dunlap, Kan.

**200 ACRE FARM;** \$50.00 per acre well improved, upland, 100 acres cultivated, balance in alfalfa and prairie hay also prairie pasture. Rural school near, 4 miles from town. Address Wyman Ins. Agency, Quenemo, Kan.

**FOR SALE**—80 acre farm, 3 1/2 miles of Concordia, Kan. Excellent improvements, plenty of water, 3 acres alfalfa, 20 acres pasture, 1/2 mile good school, close to timber for fuel. Ideal Dairy or Chicken Farm. For terms, Write Mrs. O. A. Beverly, Concordia, Kan., 430 W. 12th St., for further particulars.

**LARGE RANCH BARGAIN**  
It's time to buy land now. 5500 A. highly improved, East Central Kansas, 500 A. cultivated Creek bottom. Balance fine pasture. \$50,000 cash, balance on terms. Price \$200,000. Just think of it. Less than \$40 per A. for as good as you can buy. Let us show you this and other land bargains large or small. Twin Valley Realty Co., 113 1/2 S. Santa Fe, Salina, Kansas.

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110 acres tillable, in high state of cultivation. Balance of farm in pasture, timber and feed lots. 6 room house, new barn 50x80, granary for 10,000 bushels grain, grinding shed, scale house and garage for two cars combined, hog sheds, etc. Feed lots for 300 head cattle, well drained. Under ground water system. 130 acres fenced and cross-fenced with woven wire. 2 miles from high school, located on P. P. O. O. highway. 40 acres seeded to alfalfa and brome grass. For further particulars write

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160 Acres, half mile off oiled highway, 25 miles South K. C., bluegrass, corn, wheat, clover; splendid improvements; \$100 an acre; \$3,500 cash; possession. Mansfield Land & Loan Company, 415 Bonfis Bldg., 10th and Walnut, Kansas City, Mo.

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**FARM** in Oklahoma at a big bargain. Here's a fine farm that was taken under foreclosure. You can buy it at the foreclosure price and get it on easy terms, if you wish. Pay a small amount down and the balance in agreeable annual payments. Farm property is bound to increase so this should prove a very profitable purchase for either farmer or investor. Write for full details. E. S. Rantersson, Room 824 Braniff Bldg., Oklahoma City, Okla.

#### PENNSYLVANIA

**FARM FOR SALE—204 ACRES PRACTICALLY LEVEL, limestone land, 150 acres under the plow, 11 room house, 50x35 foot barn, sheds and buildings for implements, water at house and barn, good orchard, land in good condition. \$2,000 worth of timber, is one of the best farms in this locality. C. M. Waple or Chas. G. Waple Dairies, Tyrone, Pa.**

#### SOUTH DAKOTA

**BEAUTIFUL 2000 acre ranch** right on White River, near Kadoka, South Dakota. Has plenty water, timber in abundance, 400 A. alfalfa and excellent buildings. Write for our plans under which this farm will pay its way and make you independent. Ernest O. Buhler, Development Agent, Box 4 Merchants Trust & Savings Bank, St. Paul, Minn.

#### WASHINGTON

**EXTRA GOOD VALUES** in Wheat, Stock, Diversified Farms and Acreage. Write for our FREE booklet on WASHINGTON. Shelter Investment Co., Realtors, 610-11 Paulsen Bldg., Spokane, Wash.

#### WISCONSIN

**116 ACRES, 110 BROKE,** good buildings. Cash retail milk and cream route. 30 grade Guernsey, horses, tractor and machinery. Sacrifice for cash. Chas. G. Strong, City Limits, Chippewa Falls, Wis.

#### SALE OR EXCHANGE

**TRADES EVERYWHERE**—What have you? Big list free. Bersle Agency, Eldorado, Kan.

**BARGAINS**—East Kan., West Mo. farms—sale or exch. Sewell Land Co., Garnett, Kan.

**SALE or trade imp. and unimp. Coffey Co. land. Phillip & Coulter, Burlington, Kan.**

**160 ACRES** improved alfalfa and creek bottom, 2 mi. town. Want good grass land near town. J. M. Brubaker, Westphalia, Kan.

**SALE, trade** 320 fine irrigated improved, alfalfa, wheat, beet, potato land, fenced. Under cultivation. 625 Santa Fe, Denver, Colo.

**FOR SALE OR TRADE:** Clothing store with cleaning and pressing in connection. Want land near Topeka. Address Box 43, Glasco, Kan.

**560 ACRES MEXICO LAND** For Sale or Trade. Mr. J. B. Cantrell, Agate, Colorado, Route 1.

**GOOD DUPLEX** bringing in 6% on \$15,000, to exch. for good 160 A. Vrooman Loan & Realty Co., 820 Kansas Ave., Topeka, Kan.

**1275 A. IN ILLINOIS,** good land, 3 sets of improvements. Want land in Kansas. Write for particulars. Mansfield Co., Topeka, Kansas.

#### 3560 ACRES

**IMPROVED Nebraska Stock Ranch,** \$44,500, mortgage \$8,400. Trade or sell at a sacrifice. F. B. Cline, 1750 Stout St., Denver, Colorado.

**800 ACRE FARM** in corn and wheat belt of Eastern Colo. All level, good soil, fair improvements. Range for 500 head cattle. Horses, milk cows and farm implements including combine and two tractors. Price \$15,000. 1/2 cash, bal. easy terms or part trade. B. S. Frederick, Galata, Colo.

**640 ACRES** of Smoky Hill River Land, 220 acres under cultivation, balance pasture, house, barn, granary and machine shed. Good well water near the house, several running springs in the pasture, one mile from school. Possession given Aug. 1, 1925. 1/2 of grain crop goes to the purchaser. Price \$30,000 will trade up to \$5,000. John Shannon, Agent, Ellsworth, Kan.

#### FOR RENT

**FOR RENT:** 130 Acres near Lawrence on Fort to Fort road, extra good improvements, plenty of good water and grass. About one third farm ground, the rest good bluegrass. J. M. Clevenger, Lawrence, Kan.

**FOR RENT.** 320 acres on highway 30 miles from Denver, well improved 50 A. alfalfa sub-irrigated, plenty shade and good water, ideal dairy farm stock and equipment for sale, good deal to responsible renter. Write Mitchem Land Co., Galata, Colo.

#### REAL ESTATE LOANS

**FARM LOANS** in Eastern Kansas. 5%, 5 1/2%, and 5 3/4% and small commission. W. H. Eastman, 115 W. 6th, Topeka, Kan.

#### REAL ESTATE WANTED

**FARM WANTED** from owner lowest price sell now through Fuller Agency, Wichita, Kan.

**I WANT FARMS** and lands for cash buyers. Describe fully and state price. R. A. Mc-Nown, 329 Wilkinson Bldg., Omaha, Neb.

**WANT** to hear from party having farm for sale. Give particulars, lowest price. John J. Black, Capper St., Chippewa Falls, Wis.

**REASONABLY** priced farms wanted from owners. Describe imp. water, crops, and give best cash price. E. Gross, North Topeka, Kan.

thirty years, he has used two sons of Sultannas Jersey Lad and at this time has a herd of cows second to none in his state.

E. B. McReynolds & Sons, Fairfield, Neb., have at the head of their herd the young boar, Demonstrator, the highest selling boar of the breed in Nebraska last year. This firm exhibited at five leading county fairs last season, also showed in the state pig club, on sixty-three entries they won nineteen champions and fifty-four firsts. They will hold a bred sow sale February 16.

W. A. Gladfelter Duroc Jersey breeder of Emporia, Kan., writes that he has picked out 40 head of mighty fine gilts and tried sows for his February 19 sale and he feels quite sure they will be appreciated. Mr. Gladfelter bred and exhibited the boar that won first as senior pig at Topeka last fall and was made Junior Grand Champion in the same show, the name of this fellow is Top Scissors and most of the gilts in the sale will be bred to him for spring farrow.

G. M. Shepherd, president of the Kansas Duroc breeders association, has called a meeting to be held at the Kansas Agricultural college February 3. The meeting will be in the Animal Husbandry building at 3 in the afternoon. Mr. Shepherd urges every breeder that possibly can to be present. He says now is the time when organization is necessary. He says there is good future for pure bred swine breeders and insists that every care should be taken to preserve as much good breeding as possible.

D. E. Powell of Eldorado, Kan., breeder of registered Jersey cattle and Spotted Poland China hogs believes in good stock. He began breeding grade Jerseys several years ago and the results were so satisfactory that he turned to pure breeds. He now has a nice herd with a Financial King bull in service. Jersey milk finds good sale in his home town. The farm produces plenty of alfalfa for winter feed and sweet clover furnishes summer pasture. A good bunch of sows are being kept over for spring farrow.

E. O. Graper of Eldorado, Kan., has one of the good Ayshire herds of the state. The herd was established with heifer calves purchased from a good Wisconsin breeder and bulls from the Lynn herd at Manhattan. His present herd bull is a son of Henderson's Dairy King, Mr. Graper has a moderate but very convenient dairy equipment and is studying every detail of the dairy business. He sells whole milk in Eldorado. Mr. and Mrs. Graper are both graduates of the Kansas Agricultural College.

At a meeting and luncheon held at the Chamber of Commerce rooms, Ponca City, Okla., recently discussion was entered into looking to the future betterment and enlargement of the Shorthorn herds of Kay county. Miller Bros. of the 101 Ranch offered the free use of hard bulls to breeders without enough females to justify their purchasing bulls of blood lines desired. It

### Livestock Classified Advertisements

Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations permitted. Remittances must accompany orders. Minimum charge: ten words. No sale advertising carried in Live Stock classified columns.

#### CATTLE

**A LARGE AND OLD-ESTABLISHED HERD** of Jersey cattle of the ideal dairy type, bred especially for heavy production of rich milk and cream. To produce the largest cream check from the least feed, or for family use, there is no other cow to compare with No. 1 Jersey cream cows. For sale now: young purebred Jersey cows, descendants of imported prize-winners, some bred to freshen very soon, other along later, \$60 each. Tuberculin tested. Ship cheaply crated by Express, or larger number in car by freight. Satisfaction guaranteed or money back. Fred Chandler, Route 7, Chariton, Iowa. (Direct above Kansas City.)

**FOR PRACTICALLY PURE BRED HOLSTEIN** or Guernsey dairy calves from heavy milkers, write Edgewood Farms, Whitewater, Wis.

**FOR SALE—PURE BRED BROWN SWISS** bull calves from accredited herd. R. H. Rehder, Rt. 3, Waterloo, Iowa.

**FOR THE VERY BEST HOLSTEIN OR** Guernsey calves, write Spreading Oak Farm, Whitewater, Wisc.

**RED POLLED BULLS, ACCREDITED** herd, prices reasonable. Ray Henry, Delavan, Kan.

**TWO CHOICE REGISTERED ABERDEEN** Angus bulls. N. E. Nance, Route 7, Parsons, Kan.

**FOR SALE YEARLING ABERDEEN ANGUS** bulls. Ed Polka, Smith Center, Kan.

**REGISTERED JERSEY BULL, PRICED** right. John Bates, Prairie View, Kan.

**RED POLLED BULLS AND HEIFERS,** Morrison & Son, Phillipsburg, Kan.

#### HOGS

**O. I. C. FALL BOARS, ALSO HERD BOAR.** Peterson and Son, Osage City, Kan.

#### PONIES

**FOR SALE—TWO SPOTTED SHEETLAND** Stallions. D. B. Grutsmacher, Westmoreland, Kan.

#### HORSES AND JACKS

**FOR SALE CHEAP, STALLION JACKS** and Jennets. Also breeding barn. Chaput Bros., Aurora, Kan.

#### SHEEP

**REGISTERED SHROPSHIRE SHEEP** FOR sale, 40 head of good ewes bred for February and March lambs. J. W. Alexander, Burlington, Kan.



SHORTHORN CATTLE

Shorthorns Poland Chinas

Public sale at the farm, four miles south and three west of

Delphos, Kan.

Tuesday, February 10

Two Scotch bulls, 10 cows, five heifers. 34 sows and gilts sired by Long Boy Jr., Big Opportunity, Bendena Giant and Giant Bob. Sows and gilts bred to King's Latchnite and Hayman's Herald. Write for sale catalog.

KING BROS., DELPHOS, KAN.

Jas. T. McCulloch, Clay Center, Kansas.

Scotch and Scotch Topped

Shorthorns. Bulls from 12 to 18 months old. Yearling and two year old heifers. Write for descriptions and prices or come and see them. C. W. TAYLOR, ABILENE, KANSAS.

Shorthorn Herd Bull For Sale

Imp. Herald 956648 five years old, a guaranteed breeder. Color white. Priced to sell. F. J. COLWELL, GLASCO, KANSAS.

Young Shorthorn Bulls

Choice individuals well grown out. Beds and roans. Sired by son of ROSEWOOD DALE. Attractive prices. E. J. HAURY, HALSTEAD, KANSAS.

Bleam's Shorthorns

Two bulls, 18 to 24 months old. 20 young cows, all reg. W. F. BLEAM & SONS, Bloomington, Kansas, Osborne County.

POLLED SHORTHORN CATTLE

POLLED SHORTHORNS!

Beef, Milk and Butter. One of the largest herds. Bulls \$80 to \$250. Fine pair of Polled Short-horn calves \$150. Fine pair of Shorthorn calves \$100. Blood lines of champions. Truck delivery. J. C. BANBURY & SONS, Pratt, Kan.



JERSEY CATTLE

100 Reg. Jerseys

For Sale from Jackson county's famous herds. Some E. of M. cows among the offering. All tuberculin tested and priced to move immediately. Come and get some real Jerseys. For descriptive circular write R. A. GILLILAND, Denison, Kan.

Jersey Springers For Sale

225 head high grade Jersey heifers, bred to Register Jersey bulls, to be fresh in March and April. Located near Wichita. Write to Elbert S. Rule, 120 West 1st, Wichita, Ka.

Under Year Jersey Bulls

For sale, of SULTANAS JERSEY LAD and FINANCIAL COUNTESS LAD breeding. Out of heavy producing dams that pay at the pail. Of splendid type, nice udders and teats. H. E. WYATT, FALLS CITY, NEBR.

FOR SALE

Registered Jersey Bulls ready for service. Sired by Belva's Premier Pegasus No. 201227 from Register of Merit Dams (Raleigh Breeding). Herd Federally Accredited. T. D. MARSHALL, SYLVIA, KANSAS.

Sylvia Jersey Ranch

Bull bred by HOOD FARM, 7 half sisters averaged over 500 lbs. fat as two year olds. One topped Hood Farm dispersal. Keeping his heifers. Offer for \$250.00. C. C. COLEMAN, SYLVIA, KANSAS

AYRSHIRE CATTLE

Fairfield Ayrshires

Serviceable bulls sold. Now offering females—all ages—all with records or from record dams. Herd headed by undefeated grand champion Fairfield Boomerang. DAVID G. PAGE, TOPEKA, KANSAS.

Nordayr Ayrshires

Choice bull calves out of high record ancestors and A. R. dams. Both granddams of their sire have advanced registry records of over 700 lbs. fat and 19,200 lbs. milk. O. M. Nerby, Cullison, (Pratt Co.), Kan.

Cummins' Ayrshires

For sale: Heifers and bull calves. Write at once to R. W. CUMMINS, PRESCOTT, KAN.

ABERDEEN ANGUS CATTLE

Registered Angus Cattle

We have a nice lot of heifer and bull calves for sale at very reasonable prices. H. L. KNISELY, TALMAGE, KANSAS.

RED POLLED CATTLE

SOME BY BEAUTY KNOOT

Excellent weaning and two year old bulls. 100 per cent the blood of world record cows for butterfat. Farmers prices. Jackson & Wood, Maple Hill or Topeka, Kan.

is estimated that there are now over 700 head of registered Shorthorns in the county. Plans were discussed as to how best encourage a big exhibit at the county fair next fall.

W. G. Linley, Eldorado, Kan., says it was not the uncertainty of the cattle feeding business that caused him to engage in the dairy business, it was the certainty of failure if he continued. Together with his son he is now breeding registered Holsteins and has a herd of twenty recorded animals, all of them descended from one cow. She was a seventy pound cow, lived to be 16 years old and always produced heifers. The Linleys are great believers in good herd book and when their present bull was purchased several states were visited in the interest of Homestead breeding. Registrations are now being made to put several cows on semi official test.

Public Sales of Livestock

Horses, Cattle, Hogs and Sheep March 1 to 7—Oklahoma City, Okla. F. S. Kirk, Eaton Hotel, Wichita, Kan. March 30 to April 4—F. S. Kirk, sales mgr. Wichita, Kan.

Percheron Horses

Feb. 24—C. E. Selbe, Phillipsburg, Kan. Hereford Cattle

Feb. 24—C. E. Selbe, Phillipsburg, Kan. Shorthorn Cattle

Feb. 17-18-19—Shorthorn Congress Show and sale, Chicago, Ill.

March 5—Northwest Kansas Shorthorn Breeders, Concordia, Kan. E. A. Cory, Concordia, sale manager.

Holstein Cattle

March 19—J. E. Mitchell, Wymore, Neb. April 13—Annual State Sale, Topeka, Kan. W. H. Mott, Sale Manager.

April 14—Collins Farm Company, Sabetha, Kan. Guernsey Cattle

Feb. 17—Dr. E. G. L. Harbour, Lawrence, Kan. Poland China Hogs

Feb. 10—King Bros., Delphos, Kan. Spotted Poland China Hogs

Feb. 12—A. C. Flammang, Orleans, Neb. Feb. 26—Breeders' sale, Chapman, Kan. March 3—A. W. Anderson, Stanton, Neb. Duroc Hogs

Feb. 4—E. E. Innis, Meade, Kansas. Feb. 10—G. M. Shepherd, Lyons, Kan. Feb. 18—E. E. Norman, Chapman, Kan. Feb. 13—Richard Kaff, Carbondale, Kan., and G. C. Clark, Overbrook, Kan. Feb. 14—E. G. Hoover, Wichita, Kan. Feb. 19—W. R. Gladfelter, Emporia, Kan. Feb. 20—W. R. Huston, Americus, Kan., at Emporia, Kan. March 4—Breeders sale, Concordia, Kan. E. A. Cory, Sale Manager, Concordia, Kan. Chester White Hogs

Feb. 16—E. B. McReynolds & Son, Fairfield, Neb.

HORSES AND JACKS

REG. PERCHERONS

Stallions and mares sired by MOLOCAS 130410 by CASINO 27830 - 45462, 20 to select from, good individuals and none better bred. Priced low. Farm one mile from Briggs station on Interurban R. R. A. H. Taylor & Son, Sedgewick, Kansas.

Two Beautiful, Large, Black, High-bred, General Purpose Stallions

weighing about 1,300 each. Cross between registered and standard bred trotters, the Black Hawk Morgan Hamiltonian and Kentucky thoroughbreds. Just the kind if you wish to raise good saddle, driving, cavalry, work horses or ones that will win big money in the show ring or on the race track and bring the highest prices. The world at large is facing the greatest shortage of this class of horses it has ever known. For quick sale and cash only, \$1,000 each. H. G. Shore, Owner With August Clo. Co., or 328 Wabash Ave., Topeka.

PUREBRED PERCHERONS

Of the best breeding. For sale stallions, mares and colts of different ages. Also a choice pair of four year old grey geldings. Inspection invited. Chas. F. Rezeau, Cullison (Pratt Co.), Kan.

Percherons—Belgians—Shires

10 stallions weighing from ton to 2300 lbs. 20 mares from 1800 to a ton, good enough to win wherever shown. Jos. Roussele, Seward, Neb.

H. MARSHALL

breeder of Mammoth Jacks and Duroc hogs. Stock for sale at all times. Want to buy a registered Shire stallion. Winfield, Kansas.

JACKS

Plenty of them the right kind and ages, also good young Percheron stallions, a good Morgan stallion and some good mules. A written guarantee with every jack or horse. HINEMAN'S JACK FARM, Dighton, Kansas

SHEEP

Gatewood Farms

Registered Shropshire Sheep. For sale: 40 bred ewes and choice ram lambs. Imported breeding. Our sheep win wherever shown. GEORGE D. MERRITT, Haven, Kansas.

BERKSHIRE HOGS

When Wanting Berkshires

Write to C. G. Nash, Eskridge, Kan. Won more state fair and American Royal prizes than any herd in the central states.

HAMPSHIRE HOGS

Whiteway Hampshires on Approval

Choice bred gilts sired by Champion and bred to champion boars. Bred sow sale in March. F. B. WEMPE, Frankfort, Kansas.

Dr. Harbour's Dispersal Sale of WOODLAND PARK GUERNSEYS

This herd was founded a few years ago by purchases from the government herd, Haskell Institute, Lawrence, and from John Hetts, Fort Atkinson, Wis. Sale at the Fair Grounds

Lawrence, Kansas, Tuesday, February 17

Woodland Park Dairy has conducted a retail milk route in Lawrence and milk from this herd has sold five cents per quart in advance of other milk. The sale consists of 40 registered Guernseys as follows: 20 mature cows, 15 milk or to freshen soon, 15 heifers, two years old and under, some of them bred. 2 two-year-old bulls. Four young bulls. The herd is federal approved. For the sale catalog address

Dr. E. G. L. Harbour, Lawrence, Kansas

Crews & Son, Auctioneers, J. W. Johnson, fieldman, Mall and Breeze.

HOLSTEIN CATTLE

Choice Holstein Bulls

Ready for service from a combination of the best blood lines we have been able to procure, and the result of years of constructive breeding. Shipped on approval and priced to sell. Write today to

W. H. MOTT, HERINGTON, KAN.

Spring Valley Farms

Breeders of high grade Holsteins for sale. Cows and heifers including several 5 to 8 gallon cows. Bull calves from heavy milkers. All T. B. tested. Our prices are to sell. Our guarantee to sell again. C. W. DONAHOO & SONS, Superior, Neb.

BRAEBURN HOLSTEINS

A few baby bulls; also cows and heifers. H. B. COWLES, 531 Kan. Ave., Topeka, Kan.

SHUNGAVALLEY HOLSTEINS

Breeding stock for sale at all times. Write your wants. Ira Romig & Sons, Topeka, Kan.

Reg. Holsteins For Sale

Bulls ready for service, bred and open heifers, also heifer and bull calves. Reasonable prices. Inspection invited. GEO. WORTH, LYONS, KANSAS.

HOLSTEIN BULL FOR \$40.00

4 mos. old, great grandson of King Korn-dyke Saddle Vale and King of the Ormsbys. First check gets him. F. E. Peek & Son, Wellington, Kan.

POLLED HEREFORD CATTLE

GOERNANDT POLLED HEREFORDS

Young bulls ready for service this spring. A few females. Prices right. This is the herd that produced three Polled Bulls that won first prize at state fairs, competing with horned cattle. Address: Goernandt Bros., Cloud County, Aurora, Kansas.

Polled Hereford Bulls

We have a fine lot of double standard polled Hereford bulls from six months to two years old. Write for prices. WM. C. MUELLER, HANOVER, KAN.

TRUMBO'S POLLED HEREFORDS. Heifers:

Coming yearlings to 3-year-olds, bred or open. Bulls: Calves to serviceable age. Herd sires: Abe G. Polled Success and Echo Mystic, a Polled Admiral. Dams: Beau Ideal, Rex Onward, etc. W. W. Trumbo, Peabody, Kan.

CHESTER WHITE HOGS

McReynolds Chester White Sale

Monday, Feb. 16

45 head, 32 spring gilts, 5 fall gilts, 5 tried sows and 3 fall boars. Bred to DEMONSTRATOR, ALFALFA RAIN-BOW and BOOMERANG. This is the best of breeding and traces to prize winning blood. Write for catalog.

E. B. McREYNOLDS & SONS, Fairfield, Neb. J. C. Price, Auctioneer.

CHESTER WHITE SWINE

Fall pigs, either sex. Boar pigs of serviceable age sired by Kansas Buster \$25. Large type. EARL SCOTT, WILMORE, KANSAS.

BRED SOWS AND GILTS

for March and May farrow out of prize winning dams and bred to prize winning boars. One good spring boar and fall boar pigs. Immunized. Lloyd Cole, Route 3, North Topeka, Kansas.

POLAND CHINA HOGS

Baby Polands—Either Sex

Best of breeding, registered, crated light and priced low. Also choice bred gilts. Priced to sell quickly. MILES AUSTIN, BURRTON, KANSAS.

POLANDS, either sex, by Designer and Cl-cotte, Jr. Few Designer and Cl-cotte Jr. gilts bred to Liberator-Revelation. The Outpost and Checkers-Heartage, at farmer prices. J. R. Heuster, Gen. Kan.

Some Choice Yearling Duroc Males

for sale, also early summer boars and fall pigs. Have shipped to 68 different counties in Kansas. Write your wants to J. E. WELLER, HOLTON, KANSAS.

SPOTTED POLAND CHINA HOGS

Meyer's Spotted Polands

Real boars, also sows and gilts bred to boars of National known blood lines, hurry if you want them. Wm. Meyer, Farlington, Kan.

Unique's Top Colonel Bred Sow Sale, February 10

bred boar combines more National Championship blood than any other boar in the west. Kansas Breeders' opportunity to buy eastern championship blood at home. Herd boars and show litters will be the result of these matings. Make arrangements to attend this sale. Write at once for Catalog. It tells all about the offering.

Jesse Johnson, Fieldman. Boyd Newcom, Auctioneer. G. M. Shepherd, Lyons, Kan.

DUROC HOGS

E. G. Hoover's Annual February Duroc Sale

An offering of size, easy feeding, combined with type in sows and gilts that will build herds. An unusual opportunity to get breeding stock at home from a home herd that possesses two nationally known boars—Goldmaster and Greghard Scissors, the two times Grand Champion. A purchase here is a buy of quality. "Red Master", a new luminary, will make his public appearance at this sale. Don't forget. A catalogue for a post card. Inis at Meade, Feb. 4; Shephard at Lyons, Feb. 10.

That you will have plenty to eat, a warm pavilion and an opportunity to meet real Duroc men, whose instinct for business tells them the time is at hand.

E. G. Hoover, 3 1/2 miles W. Wichita.

Saturday, Feb. 14. Come

Boyd Newcom on the Block. W. W. Otey and John Snyder, Ring. Jesse R. Johnson, Fieldman.

Duroc Bred Sows

45 tops, selected from two herds sale pavilion. Overbrook, Kansas, February 13

These sows and gilts have been bred and fed with their future usefulness in mind. Bred to Giant Sensation A, first prize pig. Topeka, 1923 and to Major's Valley Col. first prize junior yearling Topeka, 1924. Mr. Kaff is included in the sale, Major's Valley Col. and all his herd sows.

Included in the sale are daughters of Great Orion, Sensation, Giant Sensation, Giant Sensation A, Major's Valley Col., Sensation King, Stills, Stills Model etc. All are bred for early litters. Sale catalog ready to mail, and for your copy address, either

G. C. CLARK, OVERBROOK, KAN., or RICHARD F. KAFF, CARBONDALE, KAN. Home Rule Auctioneer.

J. W. Johnson, Fieldman, Mail & Breeze.

Huston's Duroc Bred Sows

Sale pavilion, Emporia, Kan., Feb. 20

Fall yearlings and spring gilts, sired by Waltemeyer's Giant and Major Stills and bred to these great sires.

Last chance to buy bred sows. Write for sale catalog today. W. R. HUSTON, AMERICUS, KANSAS.

Boars, Bred Gilts Fall Pigs

Spring boars, \$30 to \$40. Fall pigs, either sex, \$10 to \$20. Write for prices on bred gilts, bred to real boars. Everything registered and guaranteed. WOODY & CROWL, BARNARD, KANSAS.

BRED SOWS AND GILTS

Tried sows, \$50. Gilts, \$25 and \$30. All bred to outstanding boars. Also fall pigs. BOHLEN BROS., DOWNS, KANSAS

BRED SOWS AND GILTS

Reg., Immunized. Shipped on approval, and a year to pay. Write for photographs. STANTS BROS., ABILENE, KANSAS

Duroc Jersey Bred Gilts

Sensation and Pathfinder breeding. Bred for March and April. Good ones priced so farmers can buy them. HOMER DRAKE, STERLING, KANSAS

Some Choice Yearling Duroc Males

for sale, also early summer boars and fall pigs. Have shipped to 68 different counties in Kansas. Write your wants to J. E. WELLER, HOLTON, KANSAS.

SPOTTED POLAND CHINA HOGS

Meyer's Spotted Polands

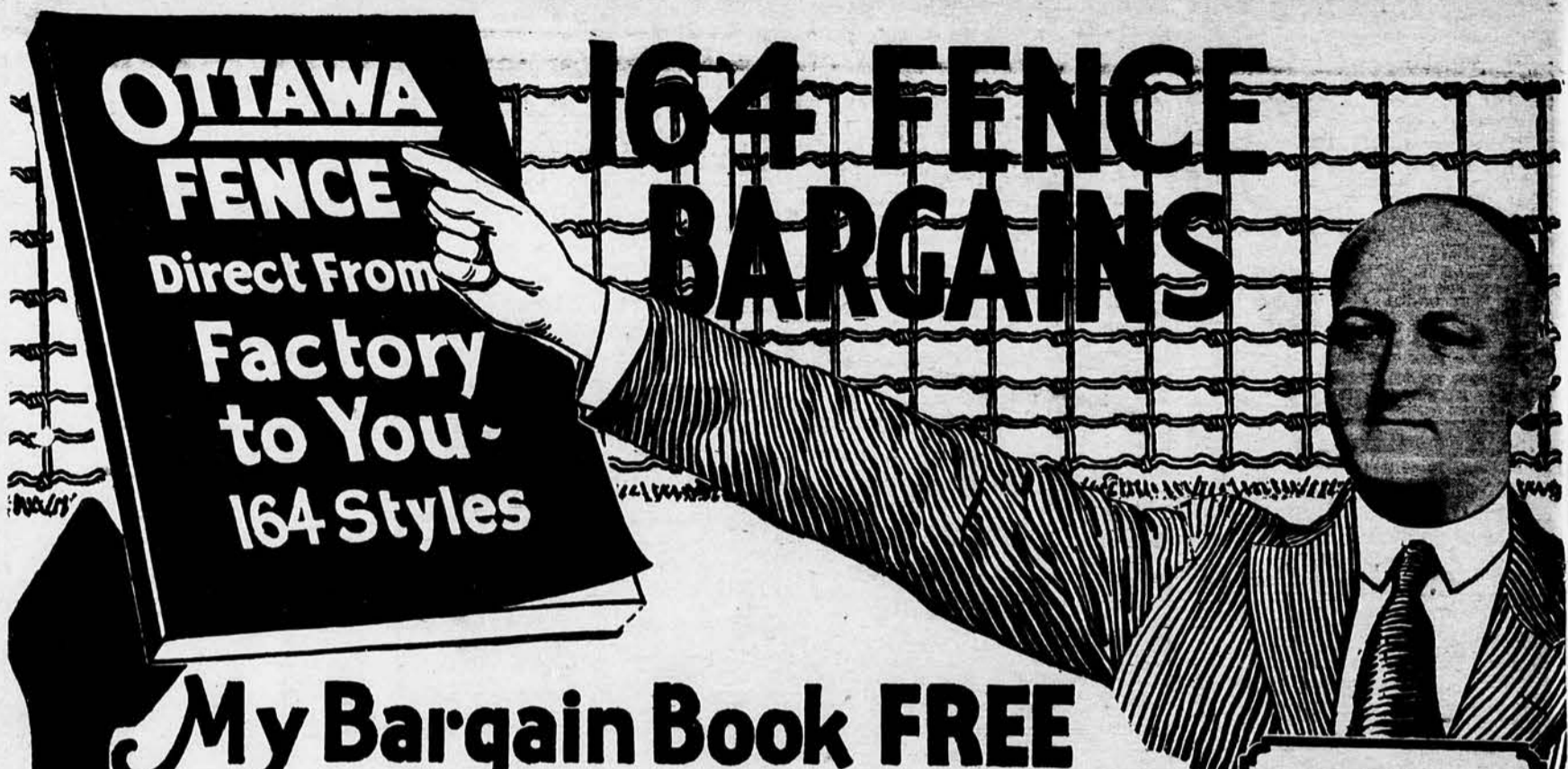
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Jesse Johnson, Fieldman. Boyd Newcom, Auctioneer. G. M. Shepherd, Lyons, Kan.

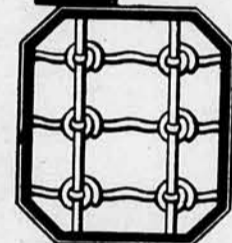




# My Bargain Book FREE

Here's wonderful news—now, in the face of advancing steel costs, I have improved my fence and then cut and slashed my prices as never before. Get your copy of my big bargain book—cramped full of astounding fence values. Send your name to me today.  
H. C. OVERMAN.

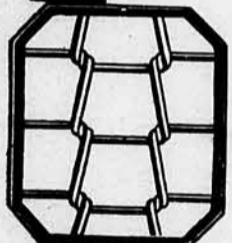
Down—lower than ever—are the prices in my new fence book. Just think—every fence, gate, post and paint price cut to the bone. Never have I been able to offer such bargains. Now, today, while this great sale is on, send me your name and address on the Coupon below, so I can send you my bargain fence book—the greatest ever issued.



RING KNOT



WRAPPED STAY

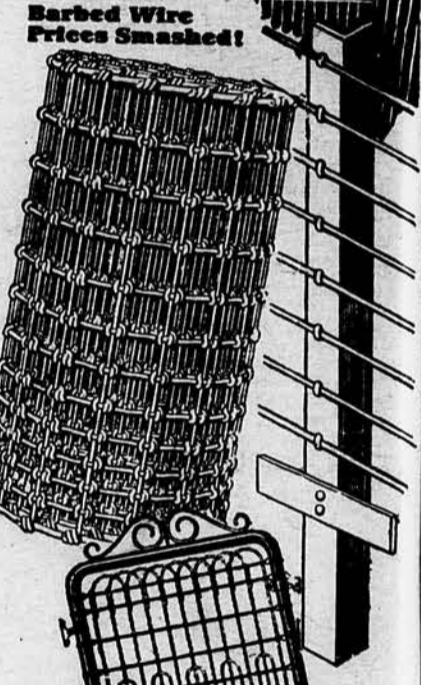


FARMERS' FRIEND

## CHOOSE ANY STYLE DOWN TO 15½¢ A ROD

To the left are pictures of the three styles of farm and poultry fence I build. You choose the style that pleases you most, and get it fresh from our wire mill looms. All are built in my own plants, of new, bright, shiny wire carefully inspected, and only sold at low factory prices. Write for my bargain book today and learn how well built and how low priced is all OTTAWA Fence.

Here's proof that I have cut fence prices to the bone. Just think of getting heavily galvanized woven wire hog fence for only 15½ cents a rod. I haven't stopped there lowering prices—big cuts also in all hog, stock, sheep, goat, rabbit, poultry and garden fence; ornamental fence, gates, barbed wire, fence posts, barn paint, house paint and roofing. Don't buy a single item shown until you see my prices.



# OTTAWA FENCE

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Satisfaction or Your Money Back—that's the iron-clad guarantee that I give you with every rod of OTTAWA Fence. It must make good—and it does! Ship it back if you're not satisfied and get your money back. You take no risk in buying OTTAWA Fence. Write today for complete information on my Three New, Easy Ways of Ordering Fence.

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