

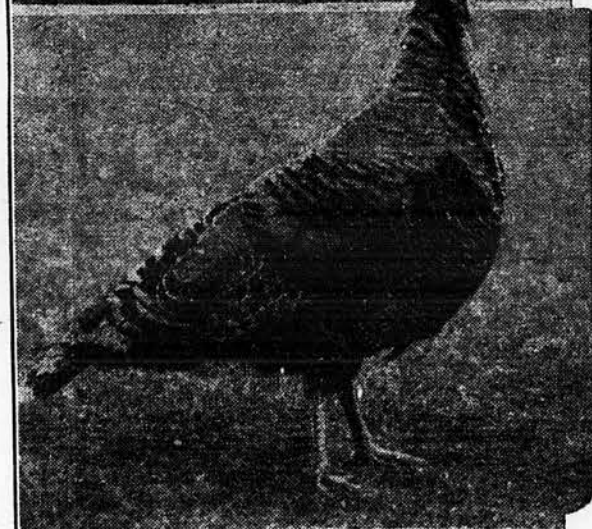
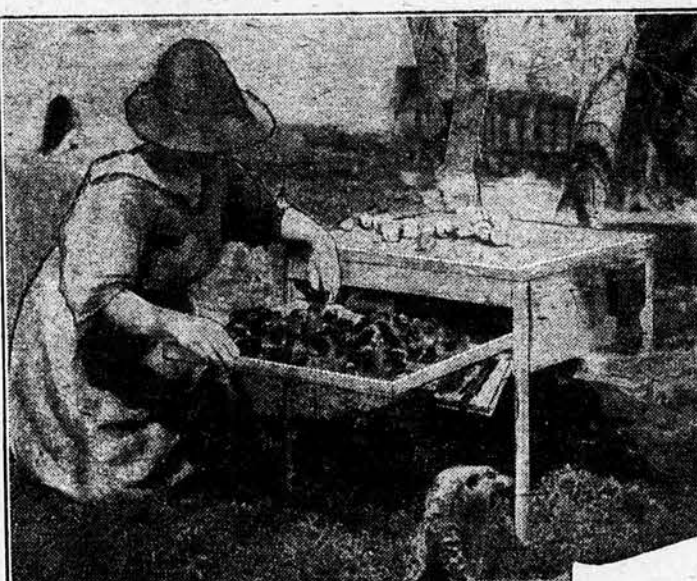
KANSAS FARMER AND MAIL & BREEZE



Volume 61

January 27, 1923

Number 4



In This Issue

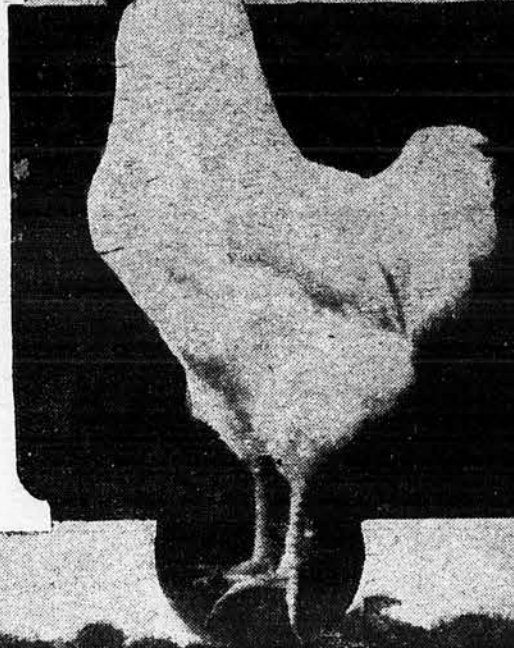
Economic Meet Demanded
Senator Arthur Capper

180 Farmers Grow Capons
J. C. Burleton

Each Hen Made \$3.25 a Year
Earle H. Whitman

A Good Outlook for Poultry
Charles E. Sweet

Jayhawker Farm Notes
Harley Hatch



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Legislative Pot is Boiling

Governor, Senate and House Get Into a Real Snarl; No Money for Salaries Yet

BY CLIF STRATTON

DURING the second week of the session, none of the three major programs before the Kansas legislature made much apparent progress. Neither did the legislature. The week ended in a three-cornered snarl among the chief actors, governor, senate and house, with honors to none and all three more or less in the hole, politically speaking.

All the governor's recommendations which reached the house judiciary committee were killed. Governor Davis also has been having trouble getting some one to introduce the bill to repeal the Industrial Court act. By the time this is printed party loyalty will persuade some Democrat in the house to introduce the measure, probably. But there seems to be little enthusiasm for this part of his program.

House and Senate Pick Holes

The house and senate chose different holes to get into, and different methods of getting there. The senate tried to do something new, by confirming recess appointments made by Henry J. Allen during his second term as governor, the idea being that Governor Davis would be deprived of that much patronage, and also would be unable to control the policies of the industrial court and the public utilities commission.

The Republican senators back of the movement claimed that they merely would keep in power four appointees who were entitled to finish their terms of office: Jesse Greenleaf, member of the utilities commission; John H. Crawford, judge in the industrial court; Clarence Smith, mem-

ber tax commission; and Hugh Duff, state oil inspector.

In view of the fact, however, that such action never had been even contemplated before in legislative history, about half of the Republican senators opposed the plan, declaring it smacked too much of party politics, and looked as if the senate were trying to cripple the governor in naming administrative heads to carry out his own administrative policies. They feared it might look unfair. The week ended with the names of the appointees in committees, where they may be kept in cold storage for some time.

No Stamp Money, No Pay at All

The house members chose an even more novel method of getting the legislature into a state of uncertainty. As a result of their action, the members and employees of the entire legislature had to pass the first payday without receiving any pay.

Legislators get \$3 a day, for 50 days of the session, under the constitution. Employees get from \$3 to \$5 a day—labor is higher than the legislative brand of brains, in some instances. Three dollars a day barely pays hotel bills these days, for the economically minded. So legislatures have been allowing members a "contingent fund," under the name of postage, telegraph and telephone account, of from \$75 to \$150 a session. Last session it was \$150 a member.

Members of the legislature say that Governor Davis was playing to the grandstand when he served notice that

(Continued on Page 14)

Your Money—How to Invest It

Some Observations on the Economic and Financial Situation Affecting Investments

THE situation so far as business, production and manufacturing is concerned, throughout the United States is continuing to show improvement and indications are that it will continue to improve for a number of months at least. Recently agricultural products have increased in price so that the farmer's purchasing ability is greater and this appreciation is expected by business leaders and others to continue. There is much talk in financial circles to the effect that prices the producers receive must be brought up to conform to prices of other commodities.

Unemployment Gradually Reduced

Unemployment gradually is being reduced, in some industries to the extent that wages have been raised as a means of obtaining additional help. This is true of the steel industry. Crude oil prices are higher. The sugar industry apparently is coming back and the same appears to be true of the rubber industry.

Railroads continue to operate at capacity with exceptionally heavy car loadings for this time of year. The automotive industry, which has just closed a record-breaking year, is continuing to turn out and sell enormous numbers of cars.

The domestic situation is quite favorable, in fact exceptionally so, and constantly seems to be getting better. But unfortunately that fact has to be considered by the investor in connection with the still chaotic situation in Europe. Recently Europe's troubles have been aggravated by the action of France in seizing the Ruhr district of Germany and the passive resistance being offered by Germany. This has led to even more uncertainty than previously existed and so far as the prices of securities are concerned has had a tendency to discount them.

Stabilization in Europe and improvement in the financial situation abroad are important factors affecting

American business, not only industry but agriculture. If the situation as it exists today persists it can have only an unfavorable effect on domestic business in the opinion of many financial authorities.

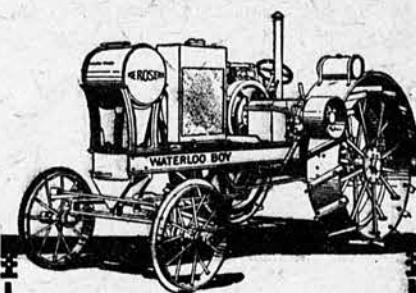
Retail Trade Improves

The retail trade in recent months has enjoyed a good volume. The holiday business was exceptionally good according to reports of various Federal Reserve banks. Since the first of the year much attention has been devoted to clearance sales, involving markdowns, in preparation for the Spring season which most dealers view with considerable optimism. It is probable that the improved domestic situation has been largely discounted in the current prices of securities.

The Federal Government is refunding a part of its debt with ease at 4½ per cent interest or less. Industrial concerns are meeting with success in new financing, indicating that the supply of money is sufficient for present needs.

From the investor's point of view there still are a number of opportunities for profitable purchases. Tax free bonds can be obtained on a 4½ per cent basis as can U. S. bonds. Preferred stocks and common stocks of some of the strongest concerns in the country are plenty high enough in price, and should be bought with caution, if at all at current levels. Good farm mortgages, if the interest rate is sufficiently high, look attractive. Before fall, it appears, the state of Kansas will begin issuing bonus bonds. These should be attractive securities because of their long time maturity feature and the fact that they probably will bear a fairly attractive interest rate. The safety feature of these bonds is to be considered as an important factor in regard to their purchase. It has been reported that

(Continued on Page 14)



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KANSAS FARMER and MAIL & BREEZE

January 27, 1923

By *Arthur Capper*

Vol. 61 No. 4



180 Farmers Grow Capons

Allen County Residents, Thru Group Production, Attract Outside Buyers Who Handle Entire Crop as a Unit and Simplify the Marketing Problem

By J. C. Burleton

GET production and the market will come to you. Buyers seek localities where they can purchase in bulk because it is more economical and requires less time than picking up the commodity they desire in small lots in scattered districts.

James A. Milham, county agent in Allen county, who was sold on capon production as a profitable side line on the average farm, investigated the market opportunity a year ago. He was told by the buyer for a large poultry packing firm that if the farmers of Allen county would produce a carload of capons in 1922 the firm would send a man to the county to buy the entire lot at current prices.

This offer solved in advance the problem of marketing and justified Milham in beginning a caponizing campaign.

Production is Increasing

Last year between 2,500 and 3,000 capons were produced in Allen county. Formerly only a few capons were grown. Eighty farmers handled capons on a fairly large scale. One hundred others caponized a few birds as an experiment to see whether they wished to take it up as a major poultry side line. Milham believes the county production will be materially increased, perhaps doubled for 1923, which will be an added inducement to outside buyers to handle it.

Mrs. Charles Gay of near Iola probably is the largest producer of capons in the county. She caponized 400 birds last year. Among other growers are: Mrs. B. A. Ray, Iola, 146 birds; Mrs. S. E. Russell, Carlyle, 100 birds; Mrs. Harold Weber, Carlyle, 70 birds; Mrs. William Ensminger, Moran, 100 birds; Mrs. W. A. Rush, Moran, 60 birds; Mrs. Charles Schuster, Geneva, 140 birds; Mrs. Ed Fitzpatrick, Geneva, 80 birds; and Eyler Brothers, Iola, 75 birds.

Mrs. Ray, who has been successful with poultry, is confident that production of capons is profitable and intends to specialize in them in the future. Last June she caponized about 150 birds. They weighed from 1 pound to 2 pounds apiece which, she says, is a little too heavy. Better results will follow if the birds are caponized when

they weigh $\frac{3}{4}$ of a pound. Early in December the capons averaged nearly 7 pounds and when they are sold, about February 1, she expects them to weigh 8 or 10 pounds apiece.

From May 24 to December 1, 1922, Mrs. Ray had only 55 hens, purebred Barred Rocks. During this period the

hens laid 3,960 eggs, or an average of 21 eggs a day. Those sold averaged 36 $\frac{1}{4}$ cents a dozen so the production was worth \$119.62. Feed consumed by the hens in the same time had a market value of \$28.40, leaving a net income from the flock on eggs of \$91.22. Six hundred eggs were hatched and

500 chicks were saved. Mrs. Ray picked 150 pullets to add to her flock as it is her plan to carry about 200 hens thruout the year. Many birds were used for meat on the farm during the summer and fall.

No records were kept previous to May 24 on the production of the flock which then consisted of 100 hens, but it is fair to estimate that their production was about the same as later and that the eggs sold at 40 cents a dozen. On that assumption the flock produced 252 dozen eggs from January 1 to May 24, worth \$100.80. In December of last year the flock consisted of 55 hens and 150 pullets. It is estimated that the egg production ran about 40 eggs a day, probably higher. On that basis and taking 40 cents as the average price received, the December production probably yielded 103 dozen eggs worth \$41.20. This would make a total gross income from eggs of \$261.62 for the year.

Farm Flock Averaged \$761

The capons have not yet been sold, but it is estimated that they will bring in around \$250. The 150 pullets retained in the flock are valued at \$1 apiece, making \$150. Approximately 200 chickens, culs and cockerels, were used on the table and these probably were worth an average of 50 cents, making a total of \$100. The gross income from this flock, which may be considered a typical farm flock, undoubtedly amounted to \$761 and probably a great deal more.

Mrs. Ray has some stock she intends to sell for breeding purposes, and, of course, it will bring more than the regular market price. The amount she received for 45 hens sold during the year is not included in the year's total income. All estimates made are very conservative.

With her increased flock and experience in handling capons, it is likely that Mrs. Ray's gross income from poultry in 1923 will be considerably more than \$1,000. A portion of the feed consumed by the chickens is pure gain because if they did not pick up the grain around feed stacks, in fields and near bunkers in which silage is fed to cows, it would be wasted. Other feed is grown on the farm or purchased.

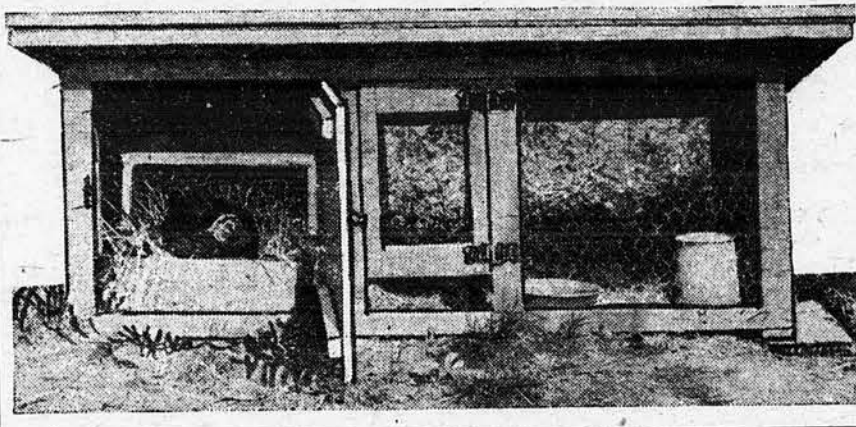
Three-in-one Chicken Coop

THE three-in-one hen coop, to house a setting hen and later herself and downy brood, well might be a part of the equipment in every chicken yard in Kansas. The use of these coops not only will prevent loss of chicks from exposure to storms and the attacks of hawks, but will do away with much of the detail work of looking after the hen and her brood. That has been the experience of Charles M. Swan who operates a 3-acre poultry farm near Lansing, Kan.

The coops are 3 by 6 feet in size with a runway, enclosed with wire netting, of similar dimensions. A nest is located in one section, a feeding place in another and the runway is for exercise. The chicks can get outside and range as they desire. In event of a storm they flock back to the coop in which they are safe. If the hen was loose to range with the chicks she would gather them together wherever she happened to be and if a low spot was chosen many might be drowned or chilled to death.

Another advantage is that if plenty of feed and water is placed in the coop in the morning whoever cares for the chickens can forget them for the remainder of the day, secure in the knowledge that they are safe.

These coops also may be used for young incubator chicks when they come from the brooder house and until they are large enough to go into the general flock kept in the feeding pens. Mr. Swan has these coops in smaller sizes, consisting of the nest compartment and a runway. Experience has caused him to prefer the larger size. One of the smaller coops is shown in the photograph reproduced herewith.



Each Hen Made \$3.25 a Year

By Earle H. Whitman

A NET return of \$3.25 on eggs alone, from each hen in their flock convinced Roy and Emma Valentine, brother and sister, that poultry raising is a profitable side line on their Morris county farm. "Yes, we always did keep some chickens, but they were just chickens," says Roy Valentine. "They laid in the spring, of course, but they didn't do much in the fall and winter."

"Then my sister got 3 dozen White Leghorns. I kicked considerably when I saw the little, wild things. They had no special breeding behind them, but they did give us some eggs that winter and we got an idea of what the right kind of flock might do. We studied articles on poultry, and tried to put into operation the methods which seemed most practicable. The fall of 1920 we culled down the flock until we had the best 150 hens and pullets. We penned off the choicest and purchased the two best roosters we could find. Accurate feed records were kept and when our books were

balanced a year later each of those hens had paid us just \$3.25 for the 12 months."

Best returns for the Valentines come from the sale of eggs, and the development of high-producing qualities begins with the breeding pen. This last fall more than 700 hens and pullets composed the flock. From that number 60 birds—40 pullets and 20 hens—will be selected for breeders, to be mated to roosters from hens of high trapped records. Choosing the hens for breeders isn't done on short notice. From the time the pullets begin to develop, the Valentines are on the lookout for birds which appear to be of the best type. "When we see a pullet which looks especially good to us," says Roy Valentine, "we pick her up and examine her carefully. If she meets with our approval, we band her. By the time the breeding pens are to be made up we have many such birds

banded and we choose the best of these." That the judgment of the Valentines is good is proved by the fact that when a poultry specialist from the agricultural college examined their choice for breeding pens only one bird was discarded.

The Valentines endeavor to keep no hens after they are 3 years old. One-third of the 300 hens in the flock of 1922 were marketed, and the pullets culled down to 500. They plan to keep the flock at about 700 birds, culling out a third each year.

Making a success of raising the chicks is next in line after insuring them reliable ancestry and giving the breeders proper feed and care. The Valentines hatched 1,100 chicks last spring and raised more than 90 per cent of them. One year they sold \$400 worth of hatching eggs with never a complaint from buyers. Their prices were reasonable and farmers in the

community could afford to pay them. The Golden Rule is much in evidence in their dealings, for 110 eggs are given when the order is for 100, and an extra egg goes into each setting of 15. It is not an unusual occurrence for a buyer to get a 100 per cent hatch from Valentine eggs.

Two brooder houses, heated with brooder stoves, are used for the chicks until they are 6 weeks old. At that time the pullets and cockerels are separated, the pullets going to coops in the orchard and the cockerels into fattening pens where they are fed on homemade milk mash. The Valentines have solved the problem of marketing White Leghorn cockerels. As broilers they go to the dining car system on the Missouri Pacific Railway, and last year's cockerels actually sold for more money than cockerels of heavier breeds were bringing on the regular market.

Two houses hold the Valentine flock, old hens being in the smaller house and the pullets in the big, new one. (For Continuation Turn to Page 12)

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Passing Comment—By T. A. McNeal

THE outstanding incident of world news this week has been the invasion of Germany by the troops of France. At day-break on January 10, the French began the actual occupation of the Ruhr basin, the leading industrial section of Germany. Here at Essen is located the great Krupp works which furnished most of the guns and ammunition and other destructive equipment for the German armies.

Since the war this great arms factory has been changed to the uses of peace. Under the general guidance of Stinnes, the master business mind of Germany, the Krupp works have become great producers of steel and iron products; 25,000 or more men are employed and the belching flames of the furnaces light up the great valley for miles.

Into this valley of German industry have come the regiments and batteries and cavalry of France. They met no open resistance but sullen looks and slightly veiled insults. So far there has been no outbreak. What will be the eventual outcome? Will France be able to collect by military occupation and military force what she has not been able to collect by negotiation and threats? That question can of course only be answered by time. A good many possibilities are looming on the horizon. Perhaps the leaders of Germany did not believe that France would take the final step and invade German territory. They know at least that France is willing to make good her threat.

Possibly the German mind can comprehend this display of force better than any other argument. For more than half a century the idea was drilled into the German mind that only by force could a nation live and impress its ideas on other nations. Had Germany won the war there is no doubt it would have exacted penalties from its foes to the uttermost and if France had refused to accede to the demands of the conqueror, military force would have been used to the extent of the resources of Germany to enforce these demands.

Starting Another Year

I AM always interested in speculations concerning the future. It may not be very profitable to spend time speculating on what the future is going to bring forth, but it is certainly interesting.

During the last two or three years so many astonishing developments have been made that I conclude if any of us live 10 years longer we will witness what is now the unbelievable.

The development of the radio convinces me that there is a mysterious force which if it can be developed and controlled, will completely revolutionize our economic and political system. That this mysterious force can be and will be developed I have not the slightest doubt. Already it is possible by radio not only to send sounds thru the air practically all around the globe, but with this same force it is possible to move and control the movement of ships sailing on the sea or airships sailing thru the air.

Of course this has been done as yet only on a limited scale, but the fact that it can be done at all opens up untold possibilities. Without a doubt the time will come when it will be possible to send a ship loaded with either human or inanimate freight from New York to Liverpool with no coal in its bunkers, no pilot to steer its course, no engines to provide its power. It will also be possible to build vast airships and guide them the same way.

If it is possible to control ships in the water or in the air with this mysterious power, it is equally possible to control railroad trains and airships on the land. I may not live to see the day when neither coal, gasoline nor electric power will be used to propel railway trains but I have not the slightest doubt that such a day is coming.

I may not live to see the farming of this country revolutionized, but I have not the slightest doubt that it is coming too.

The day of vast cities, of great congested commercial centers which gather the raw product from great distances and at vast expense transform it into the finished product and then at a further vast expense redistribute the finished product, will end and instead there will be a vast number of small cities each a manufacturing center for the products raised within a moderate radius. These little cities will be the abiding

places of men and women who both produce the raw product and manufacture it into the finished product and they will own both the land on which the raw product grows and the manufacturing plants which turn the raw matter into the finished product. These little cities will be clean, healthful and ideal.

With changed economic conditions will come, I think, different moral standards; possibly men and women will not be so much better inherently but they will be wise enough I hope to know that it is more comfortable and more profitable to be

Gods of Copybook Maxims

BY RUDYARD KIPLING

AS I pass thru my incarnations in every age and race,
 I make my proper prostrations to the "Gods of the Market Place."
 Peering thru reverent fingers, I watch them flourish and fall,
 And the "Gods of the Copybook Maxims," I notice, outlast them all.

We were living in trees when they met us. They showed us each in turn
 That water would certainly wet us as fire would certainly burn;
 But we found them lacking in uplift, vision, and breadth of mind,
 So we left them to teach gorillas while we followed the march of mankind.

We moved as the spirit listed. They never altered their pace,
 Being neither cloud nor wind borne like "the Gods of the Market Place."
 But they always caught up with our progress, and usually word would come
 That a tribe had been wiped off its ice-field or creation crashed at Rome.

With the hopes that our world is built on they were utterly out of touch.
 They denied the moon was Stilton, they denied she was even Dutch.
 They denied that wishes were horses; they denied that a pig had wings.
 So we worshipped the "Gods of the Market" who promised these beautiful things.

When the Cambrian marshes were forming, they promised perpetual peace,
 They swore, if we gave them our weapons, that the wars of the tribes would cease.
 And when we disarmed they sold us and delivered us bound to our foe.
 And the "Gods of the Copybook Maxims" said:—"Stick to the Devil you know."

On the first Feminian sandstones we were promised the fuller life
 (Which started by loving our neighbor and ended by loving his wife)
 Till our women had no more children and the men lost reason and faith,
 And the "Gods of the Copybook Maxims" said:—"The wages of sin is death."

In the Carboniferous Epoch we were promised abundance for all,
 By robbing selected Peter to pay for collective Paul;
 And, tho we had plenty of money, there was nothing our money would buy.
 And the "Gods of the Copybook Maxims" said:—"If you don't work you die."

Then the "Gods of the Market" tumbled, and their smooth-tongued wizards withdrew,
 And the hearts of the meanest were humbled and began to believe it was true
 That "All is not gold that glitters," and "Two and two make four."
 And the "Gods of the Copybook Maxims" limped up to explain it once, more!

As it will be in the future, it was at the birth of man—
 There are only four things certain since the larger primates began:
 That the dog returns to his vomit and the sow returns to her mire,
 And the burnt fool's bandaged finger goes wabbling back to the fire.

And after this is accomplished, and the brave new world begins
 Where all men insist on their merits and no one desists from his sins,
 As surely as water will wet us, as surely as fire will burn,
 The "Gods of the Copybook Maxims" with terms and slaughters return!

honest and kind than to undertake to make a living by dishonesty. As a believer in the moral effect of environment I am confident that with the cleaner and more healthful living conditions there will come a better morality and a far saner manner of living.

Among a healthful, sane and properly educated people there should be small need of courts, police or guns and clubs. The plan of trying to make

men good and law abiding by force has miserably failed and every thinking person knows it.

We have more courts and more laws and more jails and penitentiaries than we have ever had and lawlessness and crime have increased in about the same proportion, faster in fact. Our penitentiaries and jails have never been so crowded as now. Our educational system which is supposed to train the young in the knowledge and necessity for law, order and right living has not accomplished what it was expected to accomplish and many thousands of people are asking why.

Is it not quite possible to say the least, that the trouble is that we are depending too much on statutory regulation? Is there not a growing impression that almost anything is justifiable if it does not actually violate some statute and also if one is smart enough to evade a statute and get by with it he is not to lose caste?

Are not many of the rules of business inherently wrong and immoral? Is not the commonly accepted rule of business that it is justifiable to charge all the traffic will bear inherently wrong if not positively criminal?

It is the basis and only justification for profiteering. Will the moral standards be revised and changed as much as the economic and physical processes? I do not know, but I hope so.

Game Warden's Report

ONE of the most interesting documents to me is the report of the fish and game department for the two years ending June 30, 1922. In the first place it was something of a surprise to me to learn the state has property at the fish hatchery valued at \$140,684.34.

I was also somewhat surprised to learn that more than twice as many hunting and trapping licenses were issued during the year 1922 as during the year 1921. During the year 1921 about 32,251 hunting licenses were issued and during the year 1922 there were 63,652 hunting licenses and 8,652 trapping licenses.

The fish and game department is more than self supporting, in fact it pays some revenue, 5 per cent to the state.

During the year 1922 there were 231 commercial fishing licenses issued. This means that the business of fishing for gain has grown to considerable dimensions in Kansas. The fish and game warden is of the opinion that the law permitting fishing for commercial gain is too restrictive but does not say just what kind of a law he wants.

The fish and game warden and his deputies seem to have been fairly active in enforcing the law. During the year 606 persons have been arrested and fined; the fines aggregating \$3,104, which goes into the school fund.

As I said the department pays its own expenses and pays a revenue to the state amounting last year to approximately \$3,500.

Here is a most serious matter brought out in this fish and game warden report. "Unless," says the report, "present practices are changed, Kansas streams will eventually become open sewers. Nor does this tell it all. Many of them will be so thoroly saturated with oil and salt water that even horses and cattle cannot drink the water."

"This means that such streams will contain no animal life, no fish. But it means much more than this. It means the pollution of the entire water supply of whole sections of the state. There are townships in Butler county today where almost every well gives salt water unfit for human consumption and even for stock."

"It is unnecessary, not to say criminal, to permit this thing to go until one of our most elemental needs is permanently polluted and unfit for human use. Kansas needs comprehensive and sane laws regarding water pollution—laws with teeth in them—and she needs them now." If the condition is as bad as portrayed by the fish and game warden, and I have no doubt it is, then it is very serious. Good wholesome water is essential to health and prosperity, as essential as air.

The game warden condemns the crows. He declares that they are the gravest menace and greatest deterrent to our bird life today and are also very destructive of crops, poultry and stock. He recommends a state-wide bounty on crows. Wheth-

en crows do as much damage as the game warden thinks, there is no question about their being a nuisance.

In traveling about the state this last fall I was struck with the large numbers of crows there are wherever there is enough timber so that they can find a roosting place. Everywhere along the creek and river bottoms where more or less timber grows there were enormous flocks of crows. They seemed more plentiful than blackbirds and I was told that they are increasing fast.

I was surprised to find that the warden advocates a closed season on cottontail rabbits. He insists that unless the little cottontail is protected it will become extinct. I did not suppose that was possible, not to say probable. The warden mentions the case of one man who last year trapped and shipped more than 6,000 live rabbits out of the state.

Warden Chapp thinks Kansas is a natural quail state. There is abundant feed and cover suited to the quail. The climate also is favorable. He has imported some bobwhite quail from New Mexico and finds that they are doing pretty well. He believes that it is possible to restock the prairies. A few more facts in regard to our state fish hatchery may be of interest.

The state owns 187 acres of land on which there are 97 ponds for rearing fish. There are seven dwellings for the warden and his nine employees, an office and aquarium building, power-house, barns, ice-house, fish-house, tools and equipment. The warden estimates that the institution could not be reproduced today for less than \$300,000. The hatchery distributes annually about 1/2 million fish. The hatchery is 2 1/2 miles east and 1 mile south of Pratt.

Farmers' Service Corner

READERS of Kansas Farmer and Mall and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

Veterinary Inspection When Shipping

A farmer moves from Kansas to Missouri shipping his horses and mules in an immigrant car. Is he compelled to have the stock inspected by a licensed veterinarian before he starts and if he does not will they hold his car and inspect his stock in Kansas City? J. P. S.

My understanding is that this is practically the regulation which has been established.

About Bankruptcy Proceedings

A is in debt to B who holds a mortgage on all his personal property. Can B collect this debt after A files a petition in bankruptcy? The property sold at public sale. Where can A write for information concerning the bankrupt law? S. K. F.

Bankruptcy proceedings would in no way affect B's lien. It would hold just the same after A started proceedings in bankruptcy as before.

You might write to your member of Congress and ask him to send you a copy of the bankruptcy law.

Disposition of Hunting Fees

1—Where does the fee for a hunting license go? 2—Can a man hunt on his own farm without a license? 3—Can a renter hunt on the farm he has rented without a license? 4—Does the fish and game department get state aid? 5—Does the state receive any revenue from the fish and game department? R. M. B.

1—The law requires that a hunting license should be paid to the county clerk, who turns the same over to the county treasurer. The county treasurer pays quarterly to the state treasurer the license fees so collected.

2 and 3—A man is permitted to hunt on his own farm without a license and the same is true of a renter.

4 and 5—The fish and game department is self-supporting. The state in fact makes a profit out of the fish and game department, 5 per cent of the total receipts.

Settlement of Wife's Estate

If my mother's father died leaving his property to his wife until her death, then to be divided among the children, but before the death of the wife my mother dies, will her share be divided among her children or will she have a share? She died after her father but before her mother. What must the children do to get their share if they are entitled to it? O. N.

Your mother's children will inherit her share of this estate. If an administrator was appointed the children should present their claim to this administrator. If no administrator has been appointed it probably would be well to ask for the appointment of one for the purpose of distributing the estate.

Railroad Right-of-Way

I own a quarter section farm in Kansas thru which runs the central branch of the Missouri Pacific Railroad. Its right-of-way is 200 feet wide. One hundred feet of this is fenced, a fence being 50 feet from each side of the road, thus leaving 50 feet of right-of-way on each side of the road unfenced. There is some timber on one side of the road outside of the fence. Have I any right to the disposal of this timber? W. B. H.

Of course, if this right-of-way was deeded to the

railroad company you have no right. If the railroad company was merely granted an easement, that is, a right-of-way for railroad purposes, it gains no other title. And I am inclined to believe that you would have the right to take this timber from the right-of-way which is unfenced because it is evident that the railroad is not using it for railroad purposes.

Payment of Soldier Bonus

A soldier was drafted into the service from another state which does not pay a bonus. Since the war that soldier has been living in the state of Kansas for more than a year. Will the state of Kansas pay him a bonus? A. A. C.

No. In order to participate in the Kansas bonus it is necessary for the soldier to have been a resident of the state of Kansas at the time of entering the service.

A Question of Relationship

A and B are first cousins. What relation are their children to one another? What relation are the children of A to B and the children of B to A? L. R.

The children of A and B are second cousins. The children of A are first cousins once removed from B and the children of B bear the same relation to A.

Custody of Adopted Child

I was married four months ago. My wife had a child 7 months old. I told her folks I would take the child and give it my family name and they agreed. Next month the child will be 1 year old and my wife's folks wish to take him away from me without my consent. Can they do it or not? W. H. B.

I am of the opinion they cannot.

Farmers Demand An Economic Meet

Extracts from Senator Capper's Speech in the Senate January 9

SENATOR CAPPER prefaced his remarks by reading resolutions adopted by the Farm Bureau of Ford county, Kansas, and letters from T. W. Tomlinson, secretary of the American National Livestock Association; J. S. Wannamaker, president of the American Cotton Association, and from Clarence Poe, an agricultural leader in the South, head of one of the leading farm organizations and president and editor of the Progressive Farmer, all strongly urging that the Government at Washington call an international economic conference and do everything else in its power to bring about the financial and political stability of Europe and thereby the restoration of its markets to our farmers.

In the course of his address Senator Capper said: "Mr. President, the big question forcing itself upon our attention at this moment is: Shall we try to help Europe settle her economic troubles; shall we do all we reasonably and properly can to save Europe from financial and commercial smash and ourselves from the consequences of such a disaster; shall we see what further may be done thru conference, thru further reduction of armaments and thru other means, to deliver Europe from the quicksands of inflation and our farm industry from a crushing depression; or shall we let the situation grow steadily worse while we look about us unavailingly for some means to protect ourselves from serious injury when the grand smash comes?"

"With two facts made unmistakably plain. I think we can and should do something. The first is that Europe's war loans shall on no account be canceled; the other is that we shall make no political alliances, nor assume any obligations of the Treaty of Versailles protecting Europe's territorial boundaries. It should be well understood from the beginning that the United States will not consent to be made the burden bearer of European indebtedness, nor will we sponsor European obligations. If this country is to have any part in the financing of Europe it must be done thru American business men and not thru the United States Treasury.

"On a firm basis of such an understanding American good-will and American common sense might go the limit to uphold America's traditional policy of peace on earth, good-will toward men and nations. I believe we have everything to gain, nothing to lose by such a course.

"Mr. President, we have been trying to do something here to place American agriculture on a firmer basis than before, and among these things to help the farmer in his greatest problem of all, which is not production but marketing his products. We have done something and can do more, but we recognize that farm marketing is not entirely a domestic problem. For important American farm products a foreign market which is dependable is vital to the farmer's prosperity.

"We do not need to say that where the farmer produces a surplus over the consumption of the United States it is this surplus that determines what he receives even for the portion consumed in the United States and so for the whole. American farms, during the entire history of the country, have produced the main part of our export goods

and have given us our favorable balance of trade.

"The Nation-wide interest in Senator Borah's amendment proposing a world economic conference indicates a number of things. In the first place, it indicates a growing realization that our material prosperity, particularly that of the farmer of the Middle West, depends to a large degree on the economic health of Europe. As long as the reparations question is unsettled and as long as budgets are unbalanced and currencies are depreciated, the rehabilitation of Europe is impossible and our prosperity will lag. We have come to recognize that economic distress in Europe means the absence of prosperity in many quarters of the United States.

"The economic life of the world is inter-related and what happens in one country affects in a greater or less degree conditions in another. There are undoubtedly certain things which European nations must do toward putting their own house in order before the United States can be helpful in a fundamental way, but there are certain things which can be done now to contribute to the solution of the perplexing European problem.

"The second thing indicated by the public interest in Senator Borah's proposal is that the American people have a deep-seated interest in co-operation with other nations in the settlement of essential international questions. The American people are interested in a program which will contribute to world stability and peace. Their support of the work of the Arms Conference is adequate proof of this statement.

"They rejected the League of Nations chiefly because it was associated with a dictated and unjust peace and their position has been amply justified by the experiences of Europe during the years which have intervened. Their rejection of the League of Nations, however, does not mean that they are opposed to the principle of co-operation in the settlement of international issues which contribute to war. They are willing to play a part in any program which looks toward the establishment of peaceful and just relations among the peoples of the earth.

"Mr. President, I do not say that we have any specific solution for Europe's economic difficulties. Unlike the armament conference, we may have no definite program to offer at the outset. We have our good-will and our disinterestedness. These are recognized. We have no selfish interest to serve. Our interest is the recovery of Europe. We look for no advantage that is not primarily dependent upon Europe's economic stability and prosperity.

"The fundamental problem of the amount and period of payment of German reparations is one in which we are only indirectly interested. We are not asking payments out of German reparations and are concerned in this question only to the extent that it is an underlying factor of Europe's prostration. If the President calls a conference it will be as the friend of Europe and it will be so recognized.

"Mr. President, any plan looking toward the solution of the European economic tangle would probably benefit the farmer sooner than any other American producer. His markets are demoralized most by existing situations. For more than two years Europe's disturbed state has been increasingly felt on this side of the Atlantic in our persistently demoralized markets.

"Something must be done to restore Europe's purchasing power, something must be done to make a market for American products. Fifteen per cent of our farm output must find a market outside of the United States if we are to save our farm industry and properly maintain our own food supply. There can be no permanent solution of our own production and marketing problems until something approaching our normal trade relationships with foreign nations is restored.

"Our 'trade circle' is at present deadlocked. A revival of export demand would be of immense and immediate benefit to the Agricultural West. Now Europe starves, our surplus products rot, and without an adequate outlet for them no other practicable means can be devised to re-establish the one industry upon which our own national well-being so certainly depends. It is as necessary to take care of and to dispose of this 15 per cent surplus as it is to market the 85 per cent which makes our existence possible. We must keep in mind at all times that the price of the surplus sets the price of all.

"Mr. President, we cannot maintain either that there is no grave crisis to ourselves and the world growing out of the European unsettlement, or that Europe is making slow but steady progress in working out her own salvation. We cannot close our ears to the reports we hear on every hand that Europe is slipping down into an abyss, that a final crisis may at any time occur, when such an effort as we are now debating may be too late.

"I say nothing of a duty of idealism to come to Europe's rescue for its own sake alone. A policy of prudence if nothing more commends this proposal. But as an American I would welcome action on the part of our Government which in the outcome might, as I believe, it has more than a fair prospect of doing, prove the turning point of the recovery of Europe and so of the world and again enable our country to fulfill its destiny of disinterested service to all countries and all peoples."

News of the World in Pictures

Charles Sjöberg of Chicago Takes a Plunge in Lake Michigan Every Day in the Year Regardless of the Temperature



Daring Ski Jumpers at the Montreal Winter Carnival; Two at a Time Speed Down the Slope and Jump Over Great Stretches of Space Before Reaching a Landing on the Opposite Side of the Gorge



At the Left is Billy or "Gypsy" Daniels, Light Heavyweight Boxing Champion of Wales Who is a True Son of Romany. He is 20 Years Old and Has 50 Bouts to His Credit. He is Now Seeking a Date in New York City

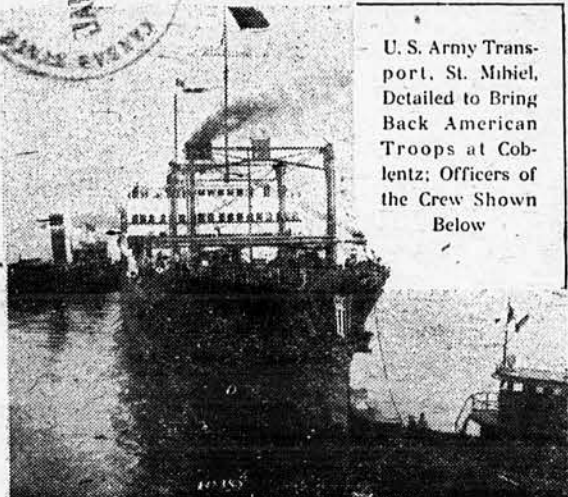
Ku Klux Klan Murder Trial at Bastrop, La.; at the Top is Colonel Guerre in Charge of the Troops at Mer Rouge; Bastrop Court House at Bottom



These Little Piggies Haven't Gone to Market Yet; But If Their Appetites Continue Good They Will Soon Reach the Required Weight



General Degoutte Who is in Supreme Command of All French Troops Now Stationed in Germany



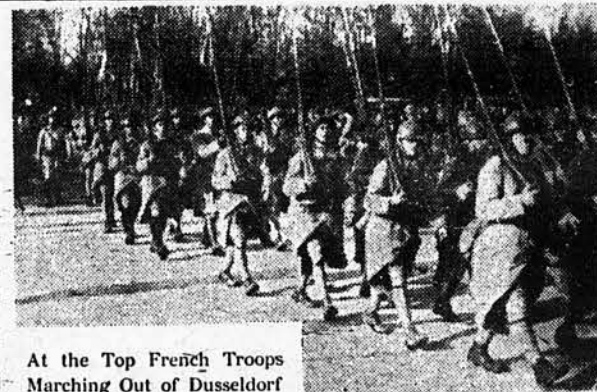
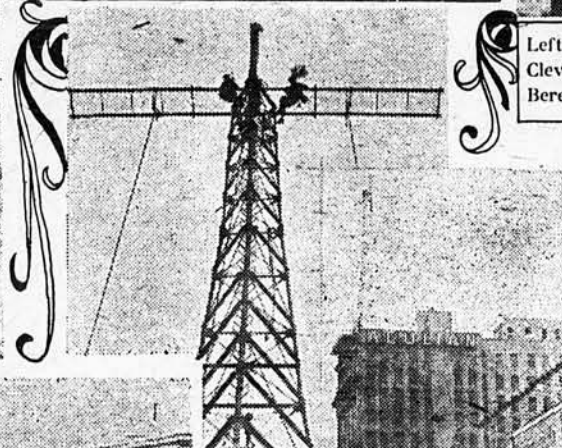
U. S. Army Transport, St. Mihiel, Detailed to Bring Back American Troops at Coblenz; Officers of the Crew Shown Below



Wheat When Planted in Lister Rows Catches and Holds the Snow Better and Soil Blowing is Reduced



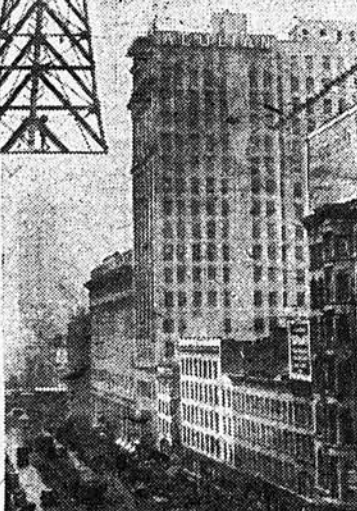
Left to Right Farmer Franklin Rose and Aviators Dan Lavison and Clever Clevenger Who Used an Airplane to Seed Soft Grain Land Near Beresford, California, Where Ordinary Machinery Could Not Be Used



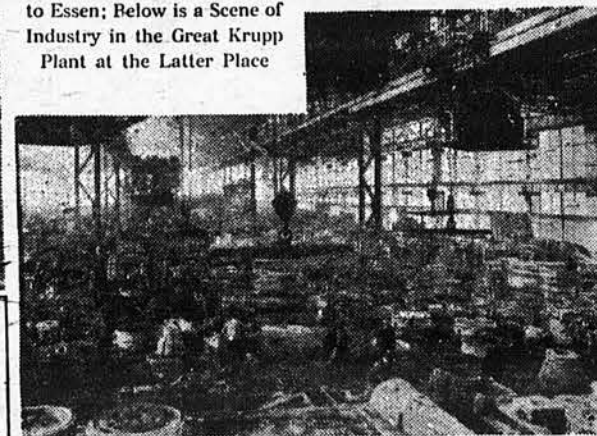
At the Top French Troops Marching Out of Dusseldorf to Essen; Below is a Scene of Industry in the Great Krupp Plant at the Latter Place



The Former Sultan of Turkey, Mohammed VI, Has Been Received by the King of Hedjaz and is to Reside in the Future in Jeddah on the Red Sea; the Photo Shown Here Gives a General View of This Famous Oriental City



Here is One of America's Largest Radio Broadcasting Stations Built by the Radio Corporation of America; Its 100-Foot Tower at the Left is on Top of Acolian Hall in New York City



Prize Winners in Poultry Contest

Chickens, Ducks, Geese, Turkeys and Eggs Proved Valuable Sources of Income in Kansas Last Year and Those Sold Brought \$19,853,562

By John W. Wilkinson

KANSAS is destined to become one of the leading poultry states in the Union and it has already made wonderful progress. At the present time, it stands sixth in poultry and in a few more years may top the list. The value of the surplus poultry and eggs sold last year amounted to \$19,853,562, and averaged nearly \$138 to every farm in the state. The value of the poultry that was not sold amounted to a great many additional millions, and when this is taken into consideration, it will readily be seen that poultry is one of our most important industries.

In view of this fact, the Kansas Farmer and Mail and Breeze each year conducts a poultry contest in which its readers are invited to submit letters showing how they have succeeded with poultry and what lines they have found the most profitable. Prizes this year of \$2.50, \$1, and 50 cents were offered in each of the following groups: 1—The Farm Poultry Flock for Profit; 2—Incubators and Brooders; 3—Day-Old Chicks; 4—Success with Turkeys, Ducks and Geese; 5—Marketing Eggs. In the last group copies of the American Standard of Perfection were offered as second and third prizes instead of cash awards.

Successful Contestants

The list of winners in Group 1 are as follows: First prize, Mrs. T. J. Rushlen of Winford, Kan.; second, Mrs. O. J. Fryar of Burrton, Kan.; third, Mrs. Ralph W. McWilliams of Bigelow, Kan. In Group 2, the successful contestants are the following persons: First, Mrs. Fred Johnson of Greeley, Kan.; second, Mrs. H. D. Duston of Washington, Kan.; third, Nelle Portrey, Eads, Colo. In Group 3, the prize winners are as follows: First, Fred Tobler, Lyndon, Kan.; second, Mrs. George Wheeler of Otis, Colo. In Group 4 the successful contestants are the following: First, Mrs. Edith Gilmore of Havana, Kan.; sec-

ond, Mrs. L. A. Ruff of Princeton, Kan.; third, Mrs. Walter Dixon of Severy, Kan. In Group 5 the winners are as follows: First, Mrs. Lily Bowers Crampton of Arkansas City, Kan.; second, Mrs. H. L. Adams of Burdick, Kan.; third, Mrs. Guy Reeder of Stockton, Kan.

We regret that our limited amount of space will not permit us to publish all of these valuable letters, but some of the most important ones are reproduced here for the benefit of our readers who are interested in poultry either as a profitable side line on the farm or as an exclusive proposition.

My Farm Flock in 1922

Realizing that there was money in a farm flock of hens, I determined to give mine a better chance. I had the advantage of having a purebred flock which I had bred exclusively for 18 years. But I had culled for color and

size and paid little attention to egg-producing qualities until a visit to Manhattan during Farm and Home Week taught me many a valuable lesson, one of which was that a flock must lay well to be profitable.

I had more than 250 hens of the large type, these I culled down to 200, keeping only those showing strictest conformity to the laying type. About half were 1-year-old hens and half were pullets, some of which were late hatched. Many of the hens were broody during the three months that I kept a record of their egg production.

From January 1 to April 1, these hens and pullets laid 8,740 eggs, or an average of 97 1/9 eggs daily and that under just ordinary farm conditions that any one can afford. After culling the flock, we dusted each hen with sodium fluoride to kill the lice and also gave the flock a dose of Epsom salts, 1 teaspoon to each bird. The salts were dissolved in water and sprinkled over mash feed. I never had a sick bird during the 90 days mentioned. My poultry house is very ordinary but tight on three sides to prevent drafts. It is 12 by 23 and is 7 1/2 feet high in front and 5 1/2 feet in the rear, with a partition in the middle separating roosting quarters from the scratching shed. The roosting quarters have windows from which the glass has been removed and the frames covered with burlap. These can be pushed back during the day to admit sunlight. The south front of the scratching shed is covered with chicken netting, and is also provided with a drop curtain in case of stormy weather.

Our feeding ration consisted of the following: Corn chop, 100 pounds; bran, 100 pounds; shorts, 100 pounds; meat scrap, 100 pounds; charcoal, 10 pounds; and salt, 1 pound. We used a small galvanized tank to mix these ingredients. This mixture was fed as a dry mash and kept before the hens all the time in self-feeders attached to (For Continuation Turn to Page 17.)

Turkens—New Hybrid Farm Fowls

ONE of the most wonderful hybrid fowls to which our attention has been called is the turken, which is the result of a cross between a turkey and a chicken. C. O. Spencer of Santa Rosa, Calif., had a White Holland turkey gobbler that grew up with a Rhode Island Red pullet with which it mated. The eggs laid by the pullet were saved and hatched. Poultry experts from Washington, Oregon, and California gave Mr. Spencer some valuable advice in developing and propagating the hybrid fowls resulting from this cross which were named "turkens" by Mr. Spencer.

About two years ago Dr. W. T. Patterson of West Plains, Mo., obtained a foundation stock from Mr. Spencer and he now has a flock of 50 of these valuable fowls. They show more of the characteristics of the chicken than of the turkey. The eggs are quite large and the hens average a little more than 200 eggs a year. Some of Doctor Patterson's turkens are shown in the accompanying picture.



From Her Side Line \$2,000

Mrs. Sam B. Robins, Whose Principal Job is Marketing Vegetables Grown on Two Truck Farms, Conducts a Successful Poultry Business

By James H. Cloture

ALTHO Mrs. Sam B. Robins of Ford county handles the marketing of the produce from two truck farms which amounts to \$10,000 annually, she finds time to conduct a business of her own that brings in more than \$2,000 a year.

Poultry and truck crops do not mix well except from the point of view of the chickens which love to pick the tender shoots of newly sprouted seeds as they appear above the soil. Robins, banned chickens from the truck farm but Mrs. Robins was not to be denied.

Annual Income is \$2,000

From the Santa Fe railroad company and a neighbor she rented two small tracts which she tightly fenced. Four poultry houses were built and 400 hens installed in them.

During 1922 the income from poultry was more than \$2,000. Of that, Mrs. Robins figures, considerably more than \$1,000 was net profit after deducting cost of feed, expense of operating incubators and pay for labor.

The flock now contains between 600 and 700 hens and pullets. During the summer 450 cockerels and pullets, weighing 2 pounds, were sold for an average of 60 cents apiece, bringing in \$270. Mrs. Robins says nearly as many were used for the table.

Altho no accurate check was kept Mrs. Robins estimates that market eggs sold amounted to nearly \$1,000. From December 1, 1921 to June 1, 1922 the flock produced 2,000 dozen eggs which sold at an average price of 25 cents a dozen. During March, April and May the hens laid an average of 250 eggs a day.

Mrs. Robins operates 21 incubators. She hatched 1,100 eggs for her own use and 5,000 eggs for others. A considerable number of eggs were sold for hatching purposes and brought \$4 a hundred. In the spring 150 hens were sold and an equal if not larger number will be marketed next spring, their places to be filled with 1923 pullets which will go into the laying houses in the fall.

White and Brown Leghorns are raised, the flocks being kept in separate fields so there will be no mixing of blood. Mrs. Robins, while largely in the business of producing fries and market eggs, has such good quality poultry, all purebred, that she sells

considerable breeding stock which adds a nice little sum to the annual income.

Eggs and birds are sold on the farm. Mrs. Robins seldom takes either eggs or chickens to town altho Dodge City is only a couple of miles distant. She has so firmly established the quality of her product that persons wishing chickens or fresh eggs drive out to the farm after them and pay the regular market price. This reduces expense and saves a lot of time that Mrs. Robins can devote to her truck marketing job at which her husband says she is an expert.

Success in any undertaking usually is measured by the amount of conscientious effort expended and the at-

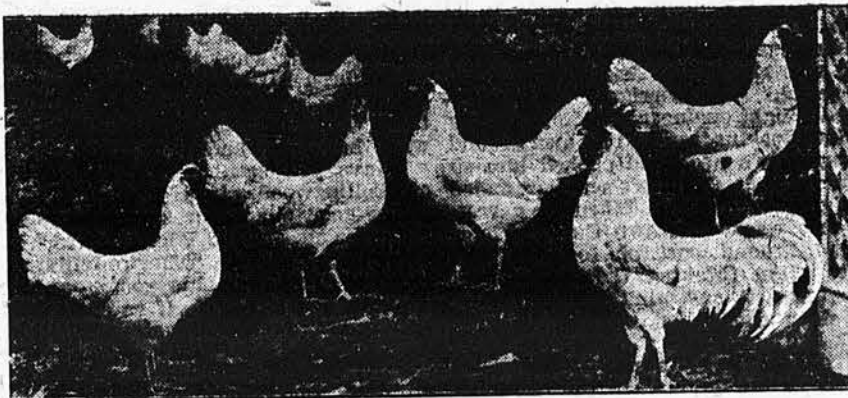
tention given to detail. That is true with Mrs. Robins. Last spring, while her incubators were in full blast, she got up two or three times every night for three weeks, to examine them and see that everything was shipshape. Her attention to detail, at the cost of interrupted rest, saved several heavy losses. Two or three times she discovered machines in which the eggs were on the verge of being chilled because the lamps had gone out. At other times the lamps were turned too high or the wicks were smoking.

Don't Feed Chicks Too Soon

Profits in poultry, according to Mrs. Robins, depend to a large extent on the care chicks receive while they are small and during the growing season. Much of her attention has been given to the proper ration and method of feeding the chicks just after they are hatched.

"If possible," said Mrs. Robins, "do not feed the chicks until 60 hours after they are hatched. They will be healthier and more thrifty if they get no feed within that limit. Of course it is not possible always to avoid feeding for that length of time. If the chicks get hungry and begin milling around in the brooder it is safer to feed them as otherwise they may crowd together and be injured.

"I feed chicks oatmeal and butter-milk first, but very sparingly. Later I scatter just a little cracked chick feed on the floor. Gradually I increase the ration. It is best to limit the quantity, and feed often. Keep the chicks busy. Exercise is very important. Without it they will not become thrifty."



Mrs. Robins Has Found That the Leghorns are Extremely Efficient in Egg Production; Her Income From Poultry Was \$2,000 in 1922

The Adventures of the Hoovers

Cousin Harry Has Another Narrow Escape—Fortunately the Handsome Rascal Knows How to Make the Kind of Noise to Get the Lady's Goat



The Wreckers—By Francis Lynde

IT'S nothing to us; or rather, I should say, we are on the other side," was the short reply. "You probably all know that C. S. & W. has changed hands, and the old Red Tower syndicate, with Mr. Rufus Hatch at its head is now in control."

Hoskins nodded. "That's about what we allowed, and we've come up here to say that we're almighty sorry for these poor cusses that have been dumped out o' their jobs. We ain't got no kick comin' with you, n'r with the company, Mister Norcross, but it looks like it's up to us to do somethin', and we didn't want to do it without hittin' square out from the shoulder."

"I'm listening," said the chief.

"The union locals have called a meetin' f'r tonight. There ain't nobody knows yet what's goin' to be done, but whatever it is, we want you to know that it ain't done ag'inst you n'r the railroad company."

The boss had handled wage earners too long not to be able to suspect what was in the wind.

"You men don't want to let your sympathies carry you too far," he cautioned. "When you take up another fellow's quarrel you want to be pretty sure that you're not going to hit your friends in the scrap."

Hoskins grinned understandingly, and I guess the boss was a little puzzled by the nods and winks that went around among the silent members of the delegation; I know I was.

"That's all right," Hoskins said. "Bein' the Big Boss, you've got to

A Story of How Graham Norcross Developed the Pioneer Short Line Into an Honest and Efficient Railroad

(Copyright, Charles Scribner's Sons)

talk that way. They might reach out and grab you fr'm New York if you didn't. But what I was aimin' to say is that there'll be a train-load 'r two of strike-breakers a-careerin' along here in a day 'r so, and we ain't figurin' on lettin' 'em get past Portal City, if that far."

"That's up to you," said Mr. Norcross brusquely. "If you start anything in the way of a riot—"

"Excuse me. There ain't goin' to be no riotin', and no company property mashed up. Mr. Van Britt, he—"

It was right here that an odd thing happened. Con Corrigan, a big two-fisted freight engineer standing directly behind Hoskins, reached an arm around the speaker's neck and choked him so suddenly that Hoskins's sentence ended in a gasping chuckle. When the garrotting arm was withdrawn the conductor looked around sort of foolishly and said: "I'm thinking that's about all we wanted to say, ain't it, boys?" and the deputation filed out as solemnly as it had come in.

I guess Mr. Norcross wasn't left wholly in the dark when the tramping footfalls of the committee died away in the corridor. That unintentional mention of Mr. Van Britt's name looked

as if it might open up some more possibilities, tho' what they were I couldn't imagine, and I don't believe the general manager could, either.

Major Kendrick Dropped In

After that, things rocked along pretty easy until after dinner. Instead of going right back to the office from the club, Mr. Norcross drifted into the smoking-room and filled a pipe. In the course of a few minutes, Major Kendrick dropped in and pulled up a chair. I don't know what they talked about, but after a little while, when the boss got up to go, I heard him say something that gave the key to the most of what had gone before, I guess.

"Have you seen or heard anything of Collingwood since yesterday?"

The good old major shook his head. "I haven't seen, but I have heard," he said, sort of soberly. "They're tellin' me that he's oveh in his rooms at the Bullard, drinkin' himself to death. If he wasn't altogether past redemption, suh, he would have had the decency to get out of town befo' he turned loose all bolts that way; he would, for a fact, Graham."

Mr. Norcross explained in just a few words why Collingwood hadn't gone—

why he couldn't go. Whereupon the old Kentuckian looked graver than ever.

"That thah spells trouble, Graham. Hatch is simply invitin' the unde'take'r. Howie isn't what you'd call a dangerous man, but he is totally irresponsible, even when he's sober."

"We ought to get him away from here," was the boss's decision. "He is an added menace while he stays."

I didn't hear what the major said to that, because little Rags, Mr. Perkins's office boy, had just come in with a note which he was asking me to give to Mr. Norcross. After reading the note the chief said, bitterly, to the major:

"You can never fall so far that you can't fall a little farther; have you ever remarked that, major?" And then he went on to explain: "I have a note here from Perkins, our Desert Division superintendent. He says that the 'locals' of the various railroad labor unions have just notified him of the unanimous passage of a strike vote—the strike to go into effect at midnight."

"A strike?—on the railroad? Why, Graham, son, you don't mean it!"

"The men seem to mean it—which is much more to the purpose. They are striking in sympathy with the C. S. & W. employees. I fancy that settles our little experiment in good railroadin'. We'll go out of business as a common carrier at midnight, and it's the final straw that will break the camel's back. Duntton doesn't want a receivership, but he'll have to take one now."

"Oh, my dear fellow!" protested the major. "Let's hope it isn't going to be so bad as that!"

"It will. The bottom will drop out of the stock and break the market when this strike news gets on the wire, and that will end it. I wish to God there were some way in which I could save Mr. Chadwick; he has trusted me, major, and I—I've failed him!"

The Boss Thought Straight

I knew what we were up against when we headed down to the railroad lay-out, the chief and I, leaving the good old major thoughtfully puffing his cigar in the club smoking-room. With a strike due to be pulled off in a little more than three hours there were about a million things that would have to be jerked around into shape and propped up so they could stand by themselves while the Short Line was taking a vacation. And there was only a little handful of us in the headquarters to do the jerking and propping.

But it was precisely in a crisis like this that the boss could shine. From the minute we hit the tremendous job he was all there, carrying the whole map of the Short Line in his head, thinking straight from the shoulder, and never missing a lick; and I don't believe anybody would ever have suspected that he was a beaten man, pushed to the ropes in the final round with the grafters, his reputation as a successful railroad manager as good as gone, and his warm little love-dream knocked sky-winding forever and a day.

Luckily, we found Fred May still at his desk, and he was promptly clamped to the telephone and told to get busy spreading the hurry call. In half an hour every relief operator we had in Portal City was in the wire-room, and the back-breaking job of preparing a thousand miles of railroad for a sudden tie-up was in full swing. Mr. Perkins, as division superintendent, was in touch with the local labor unions, and a conference was held with the strike leaders. Persuading and insisting by turns, Mr. Norcross fought out the necessary compromises with the unions. All ordinary traffic would be suspended at midnight, but passenger trains en route were to be run thru to our connecting line terminals east and west, livestock trains were to be laid out only where there were feeding corrals, and perishable freight was to be taken to its destination, wherever that might be.

In addition to these concessions, the strikers agreed to allow the mail trains to run without interruption, with our promise that they would not carry passengers. Hoskins and his committee bucked a little at this, but got down when they were shown that they could not afford to risk a clash with the Government. This exception admitted, another followed, as a matter of course. If the mail trains were to be run, some of the telegraph operators would have

to remain on duty, at least to the extent of handling train orders.

With these generalities out of the way, we got down to details. "Fire-alarm" wires were sent to the various cities and towns on the lines asking for immediate information regarding food and fuel supplies and the strike leaders were notified that, for sheer humanity's sake, they would have to permit the handling of provision trains in cases where they were absolutely needed.

By eleven o'clock the tangle was getting itself pretty well straightened out. Some of the trains had already been abandoned, and the others were moving along to the agreed-upon destinations. Kirgan had taken hold in the Portal City yard, and by putting on extra crews was getting the needful shifting and car sorting into shape; and the Portal City employees, acting on their own initiative, were picketing the yard and company buildings to protect them from looters or fire-setters. Mr. Van Britt's special, so the wires told us, was at Lesterburg, and it was likely to stay there; and Mr. Van Britt, himself, couldn't be reached.

Trains Into the Terminals

It was at half-past eleven that we got the first real yelp from somebody who was getting pinched. It came in the shape of a wire from the Strathcona night operator. A party of men—"mine owners" the operator called them—had just heard of the impending railroad tie-up. They had been meaning to come in on the regular night train, but that had been abandoned. So now they were offering all kinds of money for a special to bring them to Portal City. It was represented that these were millions at stake. Couldn't we do something?

Mr. Norcross had kept Hoskins and a few of the other local strike leaders where he could get hold of them, and he put the request up to them as a matter that was now out of his hands. Would they allow him to run a one-car special from the gold camp to Portal City after midnight? It was for them to say.

Hoskins and his accomplices went off to talk it over with some of the other men. When the big freight conductor came back he was alone and was grinning good-naturedly.

"We ain't aimin' to make the company lose any good money that comes a-rolling down the hill at it, Mister Norcross," he said. "Cinch these here Strathcona hurry-boys for all you can get o' them, and if you'll lend us the wires, we'll pass the word to let the special come on thru."

It was sure the funniest strike I ever saw or heard of, and I guess the boss thought so, too—with all this good-natured bargaining back and forth but there was nothing more said, and I carried the word to Mr. Perkins directing him to have arrangements (Continued on Page 13)

Irrigation Produces 9 Tons of Hay an Acre at Garden City

BY F. D. FARRELL

A YIELD of 9 tons of cured alfalfa hay an acre on irrigated land at the Garden City Branch Experiment Station in 1922 has been reported recently by F. A. Wagner, superintendent of the station. This remarkable yield was obtained in an irrigated crop rotation experiment begun in 1920. The rotation in which this yield was obtained contains alfalfa 7 years; forage sorgo 1 year; grain sorghum 1 year; and barley 1 year, seeded with alfalfa. Besides the plot which produced 9 tons an acre, six other alfalfa plots in the same rotation yielded from 6.54 to 8.68 tons. The average yield of the seven alfalfa plots in the rotation was 7.83 tons an acre. The average yield of alfalfa on irrigated land in Finney county usually is between 3 and 4 tons.

The alfalfa in the experiment referred to was cut four times and irrigated seven times in 1922. The total application of irrigation water was about 45 acre-inches an acre, or enough water, if applied all at once, to cover the land 45 inches deep. The alfalfa in this rotation is seeded with barley as a nurse crop. Thanks to the use of good seed, careful seedbed preparation, and the proper use of irrigation water, excellent stands of alfalfa were established. In the same series of experiments yields of grain sorghums, corresponding in size to those secured with alfalfa, were obtained, one plot yielding nearly 100 bushels of Dwarf yellow milo an acre.

These high yields indicate something of the meat and milk production possibilities of the irrigated lands of the Arkansas Valley. With careful attention to seed, soil treatment, and irrigation, equally high yields can be had on a large part of the irrigated land of that section. When it is considered that 9 tons of good alfalfa hay will supply a milk cow, for example, with all the hay she needs for 18 months and that alfalfa is perhaps the best hog pasture in the world, the possibilities of producing meat and milk on irrigated lands in the district referred to producing meat and milk on irrigated lands are rather impressive.

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Good Outlook for Poultry

A Bigger Production and a Much More General Consumption are Anticipated This Year

BY CHARLES E. SWEET

ANOTHER year of big production; a lower trend of prices; more general consumption of eggs and poultry by the public; a high mortality among flocks from disease; and greater recognition of the poultry flock as a major source of income are forecasted by men who are in close touch with the poultry industry of Kansas and adjacent territory.

That production will equal, or approach, the quantity of 1922, is the opinion of practically all close observers of the industry. N. L. Harris, formerly extension poultry specialist for the Kansas State Agricultural College, and now manager of a large poultry concern in Topeka, in giving his opinion on this matter, says:

"The poultry outlook for 1923, based on quantity, is not far from that of 1922. In other words, I believe that the interest in poultry has not diminished, in spite of the present slump in egg prices. Demands are already beginning to be received by the hatcheries for baby chicks. My conversation with poultrymen at the numerous poultry shows I have visited has been that production will be not far from the record of the past year."

Prof. W. A. Lippincott, head of the department of poultry husbandry of the Kansas Agricultural College, says: "I think the poultry outlook for 1923 is excellent," and this view is concurred in by Prof. O. C. Ufford of the Colorado State Agricultural College, who states that he considers "the outlook very good for the farmers and poultry raisers of Colorado, especially for those who are supplying a good grade of produce."

Provides Ready Money

Reese V. Hicks of the American School of Poultry Husbandry at Kansas City, who takes a somewhat optimistic view of the situation, says:

"The poultry outlook for this year, we think, is better for several reasons. First, feed products are down in price to a lower market point than usual. Second, poultry products, chickens as well as eggs, sold at a good price all thru last year, and owing to depression in livestock markets, farmers are turning more and more to poultry and dairy products for real ready money."

Concrete evidence that production will be high is furnished by the incubator and brooder manufacturers, the baby chick hatcheries, and the producers of breeding stock and hatching eggs. Incubator makers last year enjoyed the greatest volume of business which they have had for several years, and this year they have reported a very strong demand at the opening of the season. Hatcheries report early orders and an apparently strong demand. Last year the hatcheries were taxed to supply the orders and there was some dissatisfaction among buyers because of delayed shipments. This year in Kansas alone the hatcheries' capacity has been increased by several hundreds of thousands of chicks, while more out-of-state hatcheries are advertising in the state. Breeders started their sales earlier and stronger this season than for many years. In this paper, the first issues of 1923 carried 50 per cent more poultry advertising by breeders than the same issues of 1922.

A lower trend of prices is foreseen by some, altho prices probably will continue to make poultry a profitable source of income. Frank E. Mussehl, professor of poultry husbandry of the University of Nebraska, says:

"On August 1, 1922, more than a million more cases of eggs were in storage than in any previous year on August 1, but nearly all of this surplus has been absorbed and we believe that eggs will be fully as popular as a food during the coming season as they were the last year. There is less market poultry on hand at the present time than was the case a year ago, so that it seems to us that market prices are likely to be quite firm during March, April, May and June, 1923."

That prices will also be good next fall is the opinion of John L. Prehn, formerly a poultry specialist with the

Kansas Agricultural College at Manhattan and now one of the proprietors of a large poultry farm at Leavenworth. Mr. Prehn believes that 1922 was a year of overproduction which resulted in lower prices, but he says, "this will certainly mean a curtailed production for 1923, which will consequently bring about better prices for the products next fall and winter."

Professor Ufford expects a lower trend of prices, but gives as the cause that "we have had a very mild climate this winter, which has insured a production above the average." The lower price outlook, however, is encouraging to Professor Lippincott, who states:

"It may sound strange at first, but the prevailing prices of eggs have been too high. The poultry producer is better off when he can get reasonably profitable prices for his products and at the same time the consumption of the eggs is very wide. When prices mount to a peak that curtails consumption it brings about the violent reactions as to price that have been seen in recent weeks. When prices mount so high as to curtail consumption and then drop, it is usually true that consumption is slow in picking up again. The promise of 1923 is that such high prices as have prevailed in recent years will not be the rule. This means that so many people will not be rushed into the poultry production and the likelihood is that we shall see reasonably profitable prices for eggs with a wide outlet for the same, which is a very desirable situation."

A note of warning is sounded by Mr. Harris, who predicts a high mortality among flocks this year, not only from the death of fowls, but from diminished egg production. Mr. Harris says:

"Due to the inroads of internal parasites, I am inclined to think that the mortality this year will exceed that of any previous year in the history of the state. I find on investigation that

both nematodes and cestodes are present in practically 90 per cent of the receipts of poultry at this institution. (A poultry buying house.) It is not alone the loss caused by death, but a much greater loss is experienced in slow development and retarded egg production. Unfortunately, we do not have a known cure for internal parasites which is easily applied to the general flock. Both the tobacco and lye treatments are absolute cures, but must be used on the developing pullet previous to the beginning of egg production to be of any economic value."

Important Source of Farm Income

That the poultry flock is getting more general recognition as an important source of farm income is quite apparent. Of course, the cynically inclined hold that the gains made in poultry raising and in dairying the last few years, are due to high prices with corresponding low prices of crops, and that production will drop when crop prices become profitable. This is a minority view, fortunately, for the gains made seem likely to continue. Farmers are learning by experience that the cow and the hen provide a fairly steady source of income and that they are nearly always profitable. In the past few years the value of poultry products has increased until they are now about one-fifth the value of Kansas' greatest source of income—wheat. These same years have witnessed a remarkable growth in the quality of farm flocks. The mixed lot of cross-bred fowls have given way to pure-bred flocks, and culling has greatly increased the profitability of these, so that there has been a double gain in production.

Mr. Harris predicts for Kansas "a wonderful future as a poultry producing state," but he sees a "tendency toward the condition which now exists in New York and some other eastern states where poultry is becoming more and more a specialized line." Professor Ufford of Colorado adds that "farmers are beginning to realize more and more the importance of a farm flock of chickens, not as a side line, but as one of the important sources of income on the farm." He goes on to say that many farmers "say that they have made more from their poultry in the last two or three years for the amount of money invested than anything else had produced."

Farmers to Market Wheat

A Selling Organization Planned That May Control Third of State's Production

BY RAY YARNELL

WITH more than 600,000 bushels of wheat of the 1923 crop under contract the Kansas Farmers' Union has launched a wheat marketing organization which, if its full possibilities could be realized, would control from one third to one half of the average wheat production of the state, according to W. C. Lansdon, the vice president.

Adopt 100 Per Cent Pool

The organization, now in the process of being incorporated, is built around the 100 per cent pooling plan. It will have no capital stock and will pay no patronage dividends. All surplus above actual cost of operation, including elevator charges, freight and selling expense, will be pooled and divided among the members, according to the amount of wheat every one places in the grain pool.

No person except a member of the Farmers' Union is eligible to membership or can sell wheat thru the organization. When a producer joins he must sign a 7-year, ironclad contract, to deliver all the wheat he grows for market to the state pool to be sold at the option of the organization officials and on the best terms they can obtain. The contract, Mr. Lansdon said, is very similar to the Kansas Wheat Growers' Association contract and is the so-called Sapiro contract. Penalties are included for failure to live up to its terms.

The wheat marketing organization will have at its disposal 500 Farmers' Union elevators located in all parts of Kansas. For the use of these the regular charges, of course, will be made, as this equipment will in no wise be taken over by the Farmers'

Union Wheat Marketing Association. Wheat delivered to an elevator will be graded and a record kept. It will be pooled according to grade and sold on the same basis. Money obtained from the sale of wheat of a particular grade will be kept separate and distributed to the producer according to the way in which his grain graded.

At Kansas City or other terminal markets storage space will be rented by the state association if needed so the grain may be turned as the market is capable of absorbing it.

According to Mr. Lansdon it is the plan of the organization to pay 60 per cent of the price of wheat on the day it is delivered at the elevator to the producer. This payment will be financed either by immediate sales of wheat or by the issuance and sale of warehouse receipts. The payment of the remaining 40 per cent of the price will be made when the pool finally is closed out and after cost of operation has been deducted.

The association will be governed by a board of 25 directors, 10 to be chosen by the Kansas Farmers' Union and 15 by direct vote in districts into which the state will be divided. A sales agency will be created, altho it is probable that considerable grain will be handled thru the Farmers' Union Jobbing Association, member of the board of trade in Kansas City.

"It is the purpose of the wheat marketing organization," said Mr. Lansdon, "to sell a large amount of grain direct to manufacturers and exporters. We hope to get better prices in this way. Because we will have storage facilities we will be able to feed the grain to market as it can be absorbed without serious effect on prices."

"The membership campaign is only just started. We have 325 members with an estimated production of 600,000 bushels signed. I believe it is possible to obtain 30,000 members in Kansas and in that way to control the marketing of between 33 and 50 million bushels of wheat. Whether or not we handle that amount of wheat depends on the success of our membership campaign but indications now are very encouraging. Ninety per cent of our members in some localities have signed contracts."

Mr. Lansdon stated that the Nebraska Farmers' Union was arranging to open a wheat marketing agency in Omaha. He said the Farmers' Union Wheat Growers' Association would cooperate with the Kansas Wheat Growers' Association in selling for export.

Membership in the association will cost \$3. No dues will be collected. While the life of the contract is for seven years it continues in force indefinitely and until terminated by one of the parties involved.

Business enterprises operated by the Kansas Farmers' Union in 1922 enjoyed a fair measure of prosperity according to reports to the annual convention. The Farmers' Union Jobbing Association did a gross business of 5 million dollars, 3½ million bushels of wheat being handled. The Farmers' Union Livestock Association at Kansas City handled 4,000 carloads of stock during the year, its gross volume of business being nearly 6 million dollars, almost double the 1921 volume.

The Union Fire Insurance Company had 27 million dollars in fire insurance in force last year.

Indorsed the Capper-Hoch Bill

The Kansas Farmers' Union, in its resolutions adopted last Friday, placed itself unqualifiedly on record as opposed to all subsidies, both ship and railroad subsidies, in effect an indorsement of the Capper-Hoch bill to revoke the 6 per cent guarantee to the railroads.

Other resolutions adopted favored a discontinuance, nationally, of federal aid; urged the abolition of the industrial court; advocated county control in road construction; opposed the amendment of the Federal Farm Loan act; favored state publication of blank books; urged exemption of real estate mortgages from taxation, an oil production tax, and a state income tax on intangibles; commended both National and state officers for past work; recommended that the date of the primary be moved from August to May; and commended the work being done to eradicate tuberculosis in livestock.

The committee on legislation, in its report, urged a law to prohibit issuance of bonds unless voted by citizens affected; recommended classification of property for taxation and advocated a law to equalize taxation for support of elementary schools. The committee also urged the consolidation of all boards and commissions connected with agriculture into a single state department of agriculture under the direction of a commissioner to be selected by the representatives of self-help farmer organizations.

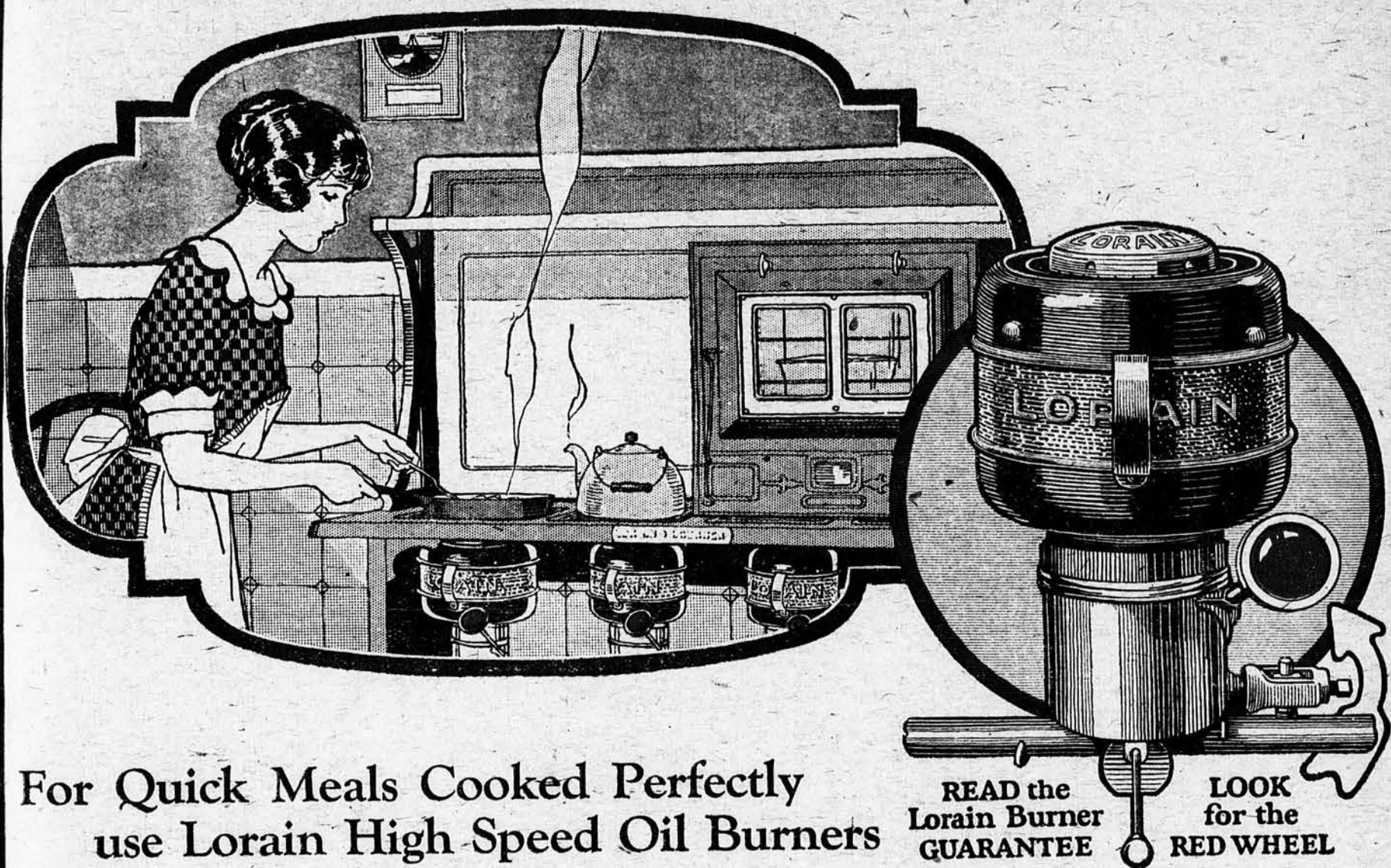
Officers re-elected by the convention were: John Tromble, Salina, president; W. C. Lansdon, Salina, vice-president; C. E. Brasted, Salina, secretary; Grant Bliss, Woodston, treasurer; M. O. Glessner, Salina, lecturer; John Scheel, Emporia, conductor; and M. V. Gates, Logan, doorkeeper.

Members elected to the executive board of the Farmers' Union were C. E. Henderson, Kincaid; W. P. Lambertson, Fairview and C. E. Huff, Oronoque. Delegates chosen to attend the national convention of the union were Alfred Docking, Manhattan; W. P. Lambertson, Fairview; O. M. Lippert, Bison; M. O. Glessner, Salina; W. C. Lansdon, Salina and C. E. Brasted, Salina.

More Important Apple Insects

The More Important Apple Insects, Farmers Bulletin No. 1270, has just been issued by the United States Department of Agriculture, Washington, D. C. This is a booklet of 95 pages; it may be obtained free on application to the department; a copy is needed on every farm which raises apples.

Production of barley is placed at 77,528,000 bushels from 4,080,000 acres, compared with 89,320,000 bushels from 4,335,000 acres in 1921 in the Nation.



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The Lorain High Speed Oil Burner has many distinctive features. Its vital part, the inner combustion tube, is not affected by the intense heat.

The burner is constructed to prevent "boil-overs" from reaching the wick, and thereby causing wick-sticking. A patented wick-stop, that is always in adjustment, stops the wick at just the correct height for lighting and burning. The oil-chamber is constructed to prevent wick-sticking, and to make re-wicking easy. Only Lorain Wicks are used. They give extremely long life, a steady flame, and seldom require trimming.

Many famous makes of oil cook stoves now use the Lorain High Speed Burner as standard equipment. These stoves are made of the finest materials, and in most every desired size, style and color. Dealers all over the United States sell Lorain-equipped Oil Stoves. If you cannot locate a dealer near-by please advise us by post card.

AMERICAN STOVE COMPANY
ST. LOUIS, MO.

Sole Manufacturers of Gas Ranges Equipped with the Lorain Oven Heat Regulator
World's Largest Manufacturers of Cooking Appliances

LORAIN
HIGH SPEED
OIL BURNER



IF GAS is available you'll find no cooking appliance to compare with Lorain-equipped Gas Ranges. One easy turn of the Lorain Red Wheel gives you a choice of 44 measured and controlled oven heats for any kind of cooking or baking.

LORAIN
OVEN HEAT REGULATOR

READ the
Lorain Burner
GUARANTEE

LOOK
for the
RED WHEEL

BECAUSE the short chimney oil stove burner produces an intense flame which strikes directly on the bottom of the cooking utensil, the heat generated has, in the past, caused the early destruction of its vital part, the inner combustion tube.

This fault has been completely eliminated in the Lorain High Speed Oil Burner by making the inner combustion tube of "Vesuvius Metal" which is not affected by the destructive action of this intense heat.

Therefore, American Stove Company now gives the following unconditional guarantee with each Lorain Oil Burner.

GUARANTEE

Should the inner combustion tube of the Lorain High Speed Oil Burner burn out within 10 years from date of purchase, replacement will be made entirely free of charge.

IMPORTANT

Every oil cook stove equipped with the Lorain High Speed Burner has one interchangeable Giant Chimney which makes any standard Lorain Burner a Super-heating Giant Burner—an entirely new principle in Oil Cook Stove Construction.

Many famous makes of Oil Cook Stoves are now equipped with the Lorain High Speed Burner, including

CLARK JEWEL—

George M. Clark & Co. Div., Chicago, Ill.

DANGLER—

Dangler Stove Co. Div., Cleveland, Ohio

DIRECT ACTION—

National Stove Co. Div., Lorain, Ohio

NEW PROCESS—

New Process Stove Co. Div., Cleveland, O.

QUICK MEAL—

Quick Meal Stove Co. Div., St. Louis, Mo.

Jayhawker's Farm Notes

By Harley Hatch

The Mild Winter Weather This Year is Quite Different From That of Former Times

OUR pleasant—and dry—weather continues. January is now virtually half gone, so that we can scarcely expect more than 30 days of real winter, even if the worst should come. We can have winter here after February 20, but it is not likely to be bitter such as we recall as happening just 34 years ago this week.

To be exact, on January 12, 1888, we saw the worst week of storm we ever experienced anywhere. We were lying in Nebraska at the time, and on that day many were frozen in the county in which we lived and the loss of stock was very great. Scarcely a head of livestock which was out in that storm survived and many of our neighbors lost all the cattle they had.

No Blizzards in Kansas

It is common to read in the papers that a blizzard is "raging" somewhere in the country, but the word no longer conveys the meaning it did 30 years ago. Northern Nebraska is supposed to be the home of blizzards, but we personally know that in more than 40 years but three blizzards have visited that part of the country. Two came in the winter of 1882 and one—the worst of all—hit on January 12, 1888.

I have heard men say that there never was a winter storm severe enough to make them lose their way within the limits of their own farm but should they ever experience a real blizzard they will quickly note how easy it would be for a man to be lost in his own yard if it were not fenced. Down here in Kansas we do not have blizzards, and we have reason to be thankful we do not. We would rather take our chance in a cyclone than in a blizzard.

Farm Work Well Advanced

The work on this farm is now, as nearly caught up as farm work ever is. This means that the pressing jobs are done for the present. We burn wood and there is plenty of it along the creek which runs thru the farm; that means that we are never out of a job, but cutting wood is a job that can be done when the roads are bad; just now the roads are perfect and hauling is a pleasure. We have whittled the wheat hauling down to 400 bushels so that we have almost finished that job.

We have the stalk cutter going today in the heavy stalks along the creek where we intend to sow oats. Ordinarily, two diskings will handle stalks so oats can be sown but these stalks are now bone dry and we are making sure they will be out of the way of the drill.

To Sow Oats in February

Farmers, with the experience of last year in mind, are already talking of sowing oats. We have heard several farmers say they are about ready to risk the seed, should the present weather hold for another week. One farmer said that he was ready to begin sowing oats and that he would broadcast them and plow them under, as he used to do back in Illinois.

There is but little danger of weather warm enough to sprout oats and if they did not sprout, no harm could come to the seed even if it was in the ground and zero weather came. However, we believe we will not risk it for another 30 days. If, after February 15, the soil and weather are fit, we probably will sow. There is less risk to run from freezing in an early sown crop than there is in the risk from hot weather at ripening time when the seed is sown after March 25.

Gasoline Tax for Road Fund

There is much talk of a gasoline tax in many states, the money resulting to be used as a road fund. We do not expect such a tax to get far in Kansas. For one thing, virtually every Kansan uses gasoline and the average Kansan is sick of the word "tax." It may be of interest to note, however, that in the states now having a gasoline tax

the average amount paid by the motor car owner is virtually \$5 to a car.

In Arizona, where a tax of 1 cent a gallon is in effect, the amount raised is virtually \$5 for every car in the state, showing that the average consumption of gasoline is 500 gallons a year a car. In Oregon, where the tax is 2 cents a gallon, the average amount raised for every car is but \$8.70, showing an average use of 435 gallons a year. Evidently the wet winter season in Oregon cuts down mileage to some extent, as the average motor car driver would not let a little thing like 1 cent a gallon hinder his driving.

Heavy Oils Used for Tractor

From Bushong, Kan., comes an inquiry regarding the kind of oil to use in the light tractors. In our 10-20 tractor we get the best results from using the very heaviest grade of oil made; this is for summer time when the tractor is most used. For winter we use the next lightest grade, but that is also listed as a heavy oil. We have tried a number of kinds and find that there is virtually no difference between the high grade makes.

The use of plenty of oil and changing it often and never letting the radiator get low on water are the two things that give long life to a tractor.

Most light, high speed tractors which fail to give satisfaction are usually burned up because of lack of water and failure to change the oil often. Oil that has been used long becomes foul and it is usually thinned by gasoline getting in it. When this happens, it no longer lubricates and the next thing that happens is a tractor in trouble.

Many Sales Held

Public sales of farm property, which usually are few at holiday time, are now increasing and the chances are that the farmer, who makes going to sales a popular winter sport, will have his time fully taken until March 1, at least. We have not attended a sale for some time but we like to go when the chance offers. It is a good place to visit, for all the neighbors are there, and it is a good place to get a

line on what the average farm property is worth.

Just now we are told that ordinary farm horses are selling at about the lowest figure known since 1894; in those days one could buy a good farm horse of 1,100 pounds weight for around \$20. Today they bring a little more, but one is surprised to see what good work stock can be bought for \$35 a head. Heavy draft horses sell much higher; a good young draft animal will bring as much as four common ones, but even at that, are cheap when we consider what it costs to raise them.

Sawing Wood for Fuel

We did some wood sawing this week and now have nearly enough wood ready for the stove to last until next spring. Our coal bill for the last few years has been a very small one. In fact, we spent double the amount for coal when it was \$5 a ton than we do now when it is \$10. But down here in Coffey county we do not have to pay \$10 a ton for coal unless we wish to do so, for by making a trip by truck to Lebo, 20 miles north of this farm, we can get plenty of newly mined coal for 15 cents a bushel, which makes \$3.75 a ton, there being 80 pounds of coal in a bushel. Years ago all coal sold here by the bushel; one never heard it priced by the ton. Now all dealers quoted it by the ton but at the local mines the price is always given by the bushel. Another item or production note that I might add is that a local farmer sold a good horse this week for \$70 and one the same day sold a dog for \$100. Dogs and motor cars seem to be in strong demand; the European financial crisis has no effect on those commodities.

Each Hen Made \$3.25 a Year

(Continued from Page 3)

The latter holds 400 birds and is especially well arranged. At one end space is partitioned off for grain bins, part for whole grains and part for dry mash. Roosts are arranged in the usual form, with dropping boards just beneath, leaving the entire floor space for scratch litter. Waterers are placed on boxes high enough to keep hens from scratching in dirt and straw. The floor is dirt, but is built well above the outside ground level so always is dry. A new supply of dirt is put in every year. Dropping boards are cleaned weekly, while the scratching litter is changed every two weeks. The floor is sprinkled occasionally to keep down dust.

To get eggs in profitable numbers

when they are highest in price, careful feeding is necessary, and judging by the returns they obtain from their flock, the Valentines know how. The dry mash, fed in hoppers, consists of shorts, bran, tankage and ground oats in equal quantities. The grain ration is made up of cracked corn 2 parts and whole oats 1 part. Oats are considered a very valuable feed, but something that must be fed carefully to avoid digestive troubles. Hens chosen for the breeding pens are not forced for fall and winter laying, but are held back until after the holidays. Even then, their ration is planned more for obtaining the maximum fertility of eggs and vigor of the chicks than for heavy production. Plenty of leafy alfalfa is fed to both the breeding pens and the birds in the laying houses.

The Valentines prefer to give their hens only limited range. The poultry houses open into large lots, so arranged that half of each lot may be sown while the chickens are in the other part. In this way green pasture is provided all the time. Sudan grass and oats are the favorite pasture crops. Thru the winter the birds always are kept in during bad weather.

The same initiative is shown in marketing eggs as in selling broilers. The Valentines now have a market for all their production at a price of 4 cents above the wholesale price for selects. They ship to Kansas City, but do not have to pay express charges. "Of course," says Miss Valentine, "we have to send eggs weighing 22 ounces to the dozen and guaranteed fresh and infertile, but isn't the price worth the extra effort? Even our pullet eggs are meeting these requirements," and the handful of large, snowy eggs she drew from a nearby nest was proof of the statement. "The eggs we cull out are only enough to meet the demands for home use."

Practically all feed for the Valentine flock is raised on their 160-acre farm. The flock is a certified one of next to the highest class; and it is the ambition of the Valentines to put it in Class A this coming year.

Doings of Farm and Home

The questions of agricultural credit, tenancy in Kansas, and costs of production of livestock will be the objects of attention in the agricultural economics program of Farm and Home Week, which will be held at the Kansas State Agricultural College, February 5-10.

Dr. B. H. Hibbard, head of the department of agricultural economics at the University of Wisconsin and owner of a large dairy farm near Madison, has been secured to make three talks on the Farm and Home Week program. Dr. Hibbard is one of the country's leading authorities on tenancy and co-operative marketing. Last year he was elected president of the National Farm Economics Association. He enjoys the reputation of being an accomplished and entertaining speaker.

Dr. Hibbard will speak at the Tuesday morning general assembly. He will also talk at one of the agricultural economics meetings, on the agricultural credit situation, and on tenancy in the United States and will address the Kansas State Dairy Association at their annual meeting, February 7. Among other talks to be given on this program are "Tenancy Problems in Kansas," by Eric Englund, "Credit Problems in Marketing Kansas Wheat," by R. M. Green, "Cost of Producing Beef on Grass," by Morris Evans, "Cost of Producing Beef and Pork in Kansas," by W. E. Grimes, "Price Making Forces in the Wheat Market," by R. M. Green, and "Relation of Crop Yields to Cost of Production," by I. N. Chapman. All of these speakers are on the agricultural economics staff of K. S. A. C.

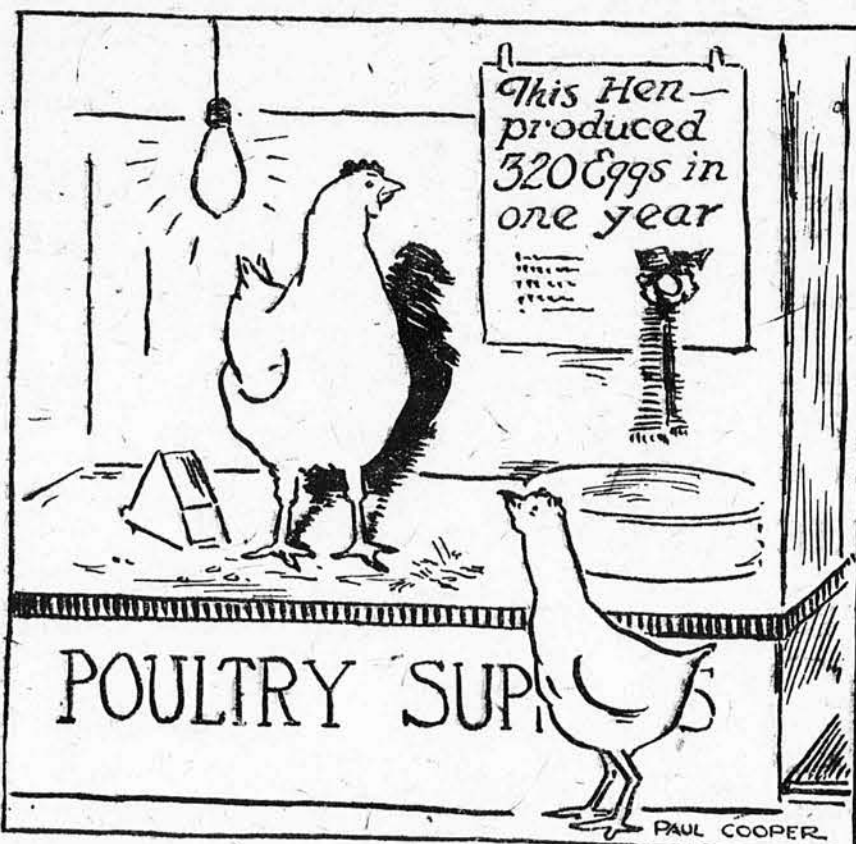
A reduced rate of one and one-half fare for the round trip to Manhattan is offered to Farm and Home Week visitors from all Kansas points and from Kansas City and St. Joseph, Mo.

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.

Most soils need more humus.

When Biddy Steps in the Lime Light



The Day for the 60-Egg Hen Has Passed—Records of 250 to 300 Eggs a Year Now are Not at All Unusual for Good Producers

The Wreckers

(Continued from Page 9)

made for the running of a one-car special from Strathcona for the hurry folks.

Past that, things rocked along until the hands of the big standard-time clock in the despatcher's room pointed to midnight. Mr. Norcross and I were both at Donohue's elbow when the men at the wires, east and west, clicked in their "Good-night," which was the signal that the Pioneer Short Line had laid down on the job and gone out of business. I couldn't compare it to anything but a funeral bell, and that's about what it was. No matter how short the strike might be, it was going to smash us. And whatever else might come of it, it was a cinch that it would squeeze the last little breath of life out of the Norcross management.

As if to confirm that sort of doleful foreboding of mine, Norris, who was holding down the commercial wire, came over to the counter railing just then with a New York message. I saw the boss's eyes flash and the little bunched muscle-swellings of anger come and go on the edge of his jaw as he read it, and then he handed it to me.

"You may endorse that 'No Answer' and file it when you go back to the office," he said shortly, and then he went on talking to Donohue, telling him how to handle the trains which were still out and moving to their tie-up destinations.

Dunton's Sharp Message

I read the message; I knew there was nothing private about it so far as I was concerned, since it had been given me to put away in the files. It was dated from the Waldorf-Astoria at midnight, which, allowing for the difference in time between New York and Portal City, meant that it had been sent at nine o'clock by our time. Somebody in our neck-of-woods was evidently keeping in close wire touch with Mr. Dunton, for tho the strike vote was only a little more than an hour old when he sent the telegram, he evidently knew all about it. This is what I read:

To G. Norcross, G. M.,
Portal City.

Your administration has been a conspicuous failure from the beginning. Compromise with employees on any terms offered and prevent strike at all costs. That done, you are hereby directed to wire your resignation to take effect one week from today.

B. DUNTON, President.

It had hit us at last; not a decent request, mind you, but a blunt, brutal demand. The boss was fired. No word had come from Mr. Chadwick, and there could be but one reason for his silence. In some way, perhaps thru the late boosting of the stock, the New Yorkers had squeezed him out. We were shot dead in the trenches.

I didn't understand how the chief could take it so quietly, unless it was because he had been hammered so long and so hard that nothing mattered any more. Anyhow, he was just standing there, talking soberly to Donohue, when once more the Strathcona branch sounder began to click furiously, snipping out the headquarters call.

Donohue cut in and we all heard the Strathcona man's new bleat. The way he told it, it seemed that one member of the party that had chartered the special to come to Portal City had got left, and this man was now in the Strathcona wire office, bidding high for an engine to chase the train and put him aboard.

At first the boss said, "No," short off, just like that; adding that it wouldn't be keeping faith with the strike committee. But at that moment Hoskins blew in again, and when he was told what was on the cards, he took a little responsibility of his own.

"Go to it, Mister Norcross, if there's any more money in it f'r the railroad," he told the boss. "I'll stand f'r it with the boys." And then to Donohue: "Who'll be runnin' this chaser engine?"

"It'll be John Hogan and the Four-Sixteen," said Donohue. "There's nobody else at that end of the branch."

The arrangement, such as it was, was fixed up quickly. The man who was putting up the money seemed to have plenty of it. He was offering five hundred dollars for the engine, and a thousand if it should overtake the special that side of Bauxite Junction.

I guess the bleat unraveled itself

pretty clearly for all of us; or at least, it seemed plain enough. A mining deal of some kind was on, and this man who was left behind was going to be left in another sense of the word if he couldn't butt in soon enough to break whatever combination the others were stacking up against him.

The Chaser Engine Starts

In just a few minutes we got the word from the Strathcona operator that the money was paid, and the chaser engine was out and gone. The special train had fully a half-hour's start, and with the hazardous grades of Slide Mountain and Dry Canyon to negotiate, it didn't seem probable that the light engine could overtake it anywhere north of Bauxite. That wasn't up to us, however. Kirgan had come in to say that our good-natured strikers had thrown a guard into the shops and were patrolling the yard, when Fred May showed up, making signals to me. I heard him when he edged up to the boss and said: "There's a lady in the office, wanting to see you, Mr. Norcross."

"Holy Smoke!" said I to myself. I knew it couldn't be anybody but Mrs. Sheila, at that time of night, and I saw seventeen different kinds of bloody murder looming up again when I tagged along after the boss on the trip down the hall to our offices.

It was Mrs. Sheila, and she had the

major with her. And the air of the private office was so thick with tragedy that it made the very electric lights look dim and ghostly. Mrs. Sheila didn't have a bit of color in her face, and her eyes had a big horror in them that was enough to make your flesh creep.

I won't attempt to tell all that was said, partly by the good old major and partly by Mrs. Sheila. But the gist of it was this: Collingwood had continued his booze fight in his rooms at the Bullard until he had worked himself up to the crazy murder pitch. Then he had gone on the warpath, hunting for Hatch. Just how he had contrived to dodge Hatch's spotters, who were doubtless keeping cases on him, did not appear. He had learned that Hatch and a bunch of his Red Tower backers had gone to Strathcona on a mining deal, and had started to drive to the gold camp in an automobile to get his man.

Before leaving Portal City he had written a letter to Mrs. Sheila, telling her what he was going to do, and that when he got thru with it, she would be free. The letter, which had been left at the hotel, had been delayed in delivery—had, in fact, just been sent out to the major's house by the night clerk who had found it.

Long before the story could get itself fully told, the different gaps in it were filling themselves up for me—and for Mr. Norcross. When Mrs. Sheila came

Two FREE Books On Butchering and Curing

More than 150,000 Farmers are following the directions contained in two books recently issued, and have solved home butchering and meat curing problems quickly and easily. Thousands say these books are worth many dollars, yet they are free to everybody anxious to know the best ways to do farm butchering, save on living costs and make money butchering for friends and neighbors.

The new and enlarged edition of "Simple Instructions for Butchering on the Farm" shows you how to select stock; correct way to slaughter; how to dress and skin; how to chill; how to cut meat, etc. Pages and pages of working drawings and diagrams.

Many actual photographs contributed by butchering authorities and experienced home butchers. "Recipes for Curing Meat" shows quickest and best ways to insure delicious home cured meats at lowest cost with less effort. Reading these books and having them at hand for ready reference will enable any man to do home butchering and meat curing with surprising ease. No need to guess. The simple facts are in these books, all clear and easy to apply. Address the Home Welfare Dept., Desk 823, The Carey Salt Co., Hutchinson, Kan., and these books containing more than 60 pages will be sent free and postpaid.

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To quickly introduce our line of 48 designs of post cards we will send 5 sample post cards in colors for 2 cents in stamps. With each order we include our big special free offer. Send 2 cents in stamps addressed to E. R. McKenzie, Dept. 51, Topeka, Kansas.



Once You've Used the "BIG BALL"

You'll Never Want the Old Style

You put two balls in the twine can—same as ever—but what a difference in the amount of grain they bind. Every foot of the twine is just the same as you have been using for years, made more convenient and economical by the "Big Ball" winding. The footage, per ball, has been increased 40%—six "Big Balls" do the work of ten of the old style—and you make only three-fifths as many stops in the field for twine.

McCormick Deering International Binder Twine

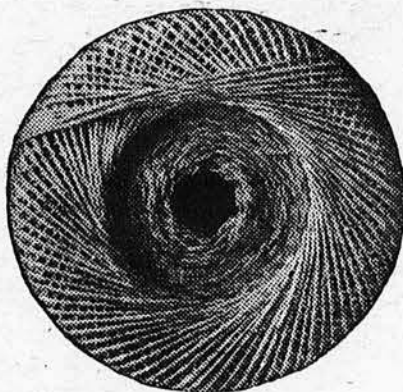
The "Big Ball," with the patented cover winding, is one of the greatest improvements made in twine in years—and you can get it only in the Harvester brands. You have always known these brands to be of unquestioned quality—now they offer you the added advantage of fewer stops in the field; less likelihood of snarling, collapsing, and tangling; and less bulk to store, handle, and haul.

Next season nearly all McCormick-Deering dealers will be able to furnish you with Harvester brands of twine in the "Big Ball" winding. Assure yourself a full supply of this good twine by making arrangements with the McCormick-Deering dealer next time you are in town, for delivery before harvest time.

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93 Branch Houses and 15,000 Dealers in the United States



Only Harvester brands of twine have the patented, reinforcing cover shown in the illustration above. Even after the entire center has been used out, the patented cover stands firm and free from collapsing—you use all of the twine—none need be wasted.

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to the drive part of it, the boss whirled and shot an order at me.

"Jimmie, chase into the despatcher's office and find out the name of the man who chartered that following engine!" he snapped; and I went on the run, remembering that in the strike excitement and hustle it hadn't occurred to anybody to ask the man's name or that of the particular "mine owner" who had chartered the special train.

More News From Stratheona

Donohue got the Stratheona operator in less than half a minute after I fired my order at him, and the answer came almost without a break:

"Charter of special train was to R. Hatch, of Portal City, and of engine 416 to man named Collingwood."

Gosh! but this did settle it! I didn't run back to the office with the news—I flew. It was like firing a gun in amongst the three who were waiting, but it had to be done. The major groaned and said, "Oh, good God!" and Mrs. Sheila sat down and put her face in her hands. The boss was the only one who knew what to do; he vanished like a shot in the direction of the despatcher's office.

In about fifteen of the longest minutes I ever lived he came back, shaking his head. I knew what he had been doing, or trying to do. There was one night telegraph station on the branch—at mining camp half-way down the grade on Slide Mountain—and he had been trying to get word there to stop the wild engine.

"He has either bribed or bullied his engine crew," he told the major. "I wired and had a stop signal set for them at the Antonio Mine, but they overran it, going at full speed down the hill."

It was plain enough now what Collingwood was trying to do. The murder man had got a firm hold of its weapon. Collingwood knew that Hatch was on the special, and he was going to chase that one-car train until it made a stop somewhere and then smash into it for blood. After Mr. Norcross had talked hurriedly for a minute or two with the major he went back to the despatcher's room and I went with him. There was a word for Donohue, telling him to call all night stations ahead of the special. The operators were to give the special the "go-ahead," and after it had passed, to set their signals against the following engine.

As Donohue cut in on the branch wire, Nippo, at the canyon mouth, broke in to say that the special had gone by fifteen minutes earlier, and that the following engine was now coming down the canyon. Donohue grabbed his key.

"Throw signal against engine 416," he clicked; and a few seconds later we got the reply:

"No good. Engine 416 overran signal."

"Never mind," said the boss to Donohue; "keep it up at the other stations. That engine has got to be stopped. It's carrying a madman." This is what he said, but I knew well enough what he was thinking. He was remembering that the special now had a lead of only fifteen minutes, and that it would be obliged to stop at Bauxite for its orders over the main line.

He did what he could to cut out the Bauxite stop for the special, ordering Donohue to tell the junction man to set his signals at "clear" for the train, and at "stop" for the 416. It was only a makeshift. In the natural order of things the engineer of the special would make the Bauxite stop anyway, signal or no signal, since it is a nationwide railroad rule that no train shall pass a junction without stopping.

Was the Boss Tempted?

Past that the boss grabbed up an official time-card and began to study it hurriedly and to jot down figures. I wondered if he wasn't tempted—just the least little bit in the world, you know.

Here was a thing shaping itself up—a thing for which he wasn't in the least responsible—and if it should work out to the catastrophe that nobody seemed to be able to prevent, the chief of the grafters, and probably a number of his nearest backers, would be wiped off the books; and Collingwood's death, which, in all human probability, was equally certain, would set Mrs. Sheila free.

He must be thinking of it, I argued;

he couldn't be a human man and not be thinking of it. But he never stopped his hasty figuring for a single instant until he broke off to bark out at Kirgan, who was standing by:

"Quick, Mart! I want a light engine, and somebody to run it! Jump for it, man!"

Kirgan, big and slow-motioned at most times, was off like a shot. Then the boss hurried back down the hall to his own offices, and again I tagged him. The old major was standing at a window with his hands behind him, and Mrs. Sheila was sitting just as we had left her, with the big terror still in her eyes and her face as white as a sheet.

"We can't stop him without throwing a switch in front of him, and that would mean death to him and his two enginemen," said the boss, talking straight at the major, and as if he were trying to ignore Mrs. Sheila. "I'm going to take a long chance and run down the line to meet them. There's a bare possibility that I can contrive to get between the train and the engine, and if I can—"

Mrs. Sheila was on her feet and she had her hands clasped as if she were going to make a prayer to the boss. And it was pretty nearly that.

"Take me!" she begged; "oh, please take me. It's my light to go!"

Kirgan had found an engine somewhere in the yard and was backing it up to the station platform. We could hear it. I saw that the chief was going to turn Mrs. Sheila down—which was, of course, exactly the right thing to do. But just then the major shoved in.

"Sheila knows what she's talking about, Graham," he said quietly. "When you all find Howie, you'll have a madman on your hands—and she's the only one who can control him at such times—God pity her! Take us both, sub."

I suppose Mr. Norcross thought there wasn't any time to stand there arguing about it.

"As you will," he snapped at the major; and then to me: "Break for it, Jimmie, and tell Kirgan to get a car—any car—the first one he can find!"

I broke, and came pretty near breaking my blessed neck tumbling down the stairs. Kirgan had found his engine and had picked up a yard man to fire it. I told him what was wanted, and in less than no time he

had pulled out an empty day-coach from the washing track. While he was backing in with it, Mr. Norcross came down the platform with the major and Mrs. Sheila. He let the major help Mrs. Sheila up the steps of the coach and ran forward to call out to Kirgan: "Donohue is clearing for you, and there'll be nothing in the way. Run regardless to Timber Mountain 'Y.' You have six minutes on the special's time to that point, if you run like the devil!" And then, as he was climbing to the cab, he ripped out at me: "Jimmie, you go back and stay with them in the car. Hurry or you'll be left!"

(TO BE CONTINUED.)

Legislative Pot is Boiling

(Continued from Page 2)

he would not approve an appropriation bill calling for more than \$50 a member for the session. At any rate, the senate passed that kind of a bill, and checked it over, with chuckles, to the house for further action.

The house ways and means committee decided that the senate had passed the buck on their stamp money, and instead of raising the allowance to \$150, as expected, killed the entire bill, including all appropriations for legislative expenses of every sort. Since that time the legislature has been serving without pay, and each branch declares the other will have to back down first. As the senate has the fewer, and richer members, it can stand money starvation the longer.

Meanwhile Governor Davis sits in his office and looks happy.

Programs in Traffic Jam

Neither the Republican party program, as outlined in the party platform, the "Copeland county" program in restraint of the primary law, public utilities commission, and control of special interests generally, nor the organized labor program, got action during the first two weeks of the session.

Using the Ax on Davis Bills

These four of the governor's recommendations have been killed so far in the legislature.

Prohibition of issuance of stock dividends.

Making effective the recall constitutional provision for state officials.

Prohibition of one corporation owning stock in similar corporation.

Harris measure requiring vote of people on bond issues by any municipality for any purpose.

Republicans' Program Shorter

The Republican program—a steering committee has been appointed to see that measures are introduced and passed to carry it into effect—includes the following legislation:

Consolidation of boards, where more efficient and economical administration would result.

Relieve mortgages from double taxation.

Constitutional amendment providing a budget system.

Constitutional amendment allowing classification of property for taxation. Reduction in taxes.

Local control of road affairs and finances; construction under competent supervision.

Retention of Industrial Court law, without material amendments.

Strengthening of law enforcement program.

Elimination of useless boards; consolidation where advisable.

Important Legislation to Come

Meanwhile the legislature is getting ready for what is considered the more serious work of the session:

1—Making the compensation act effective. The governor, secretary of state, auditor, and adjutant general have been authorized to start the machinery of handling applications and paying out money to veterans of the World War. Necessary appropriation bills will follow.

2—The ways and means committees in both houses are visiting state institutions and studying their needs.

3—The farm bloc is planning a field day on the child code program in a few days, to be followed by other field days.

4—The codification of the statutes committee, the school code commission bills, and measures to amend the tax sections of the constitution and the tax laws, are being studied by committees. Action is expected within 10 days.

Organized Labor's Demands

One of the developments which will be watched with interest this winter will be the showing made by organized labor. Thru W. E. Freeman, president of the State Federation of Labor, Governor Davis has been notified to pardon Alex Howat, the coal miners' head; the federation has demanded of the legislature that it repeal the Industrial Court law.

Your Money—How to Invest It

(Continued from Page 2)

these bonds may be available soon after July.

At current prices Liberty bonds offer a satisfactory return. They are now selling at about \$1.50 under par and they pay $\frac{1}{4}$ per cent on par, making the return slightly in excess of that rate. Excellent municipals and road bonds are available at about the same levels and are highly to be desired for investment inasmuch as the returns are strictly net and no taxes have to be paid either on principal or interest received.

This is an excellent time to view with alarm the securities of untested enterprises or of concerns which are likely to be reorganized or refinanced, unless one is determined to speculate. It must be remembered in this connection that there is a large short interest in the stock market selling in expectation of a decline and that it has been in virtual control of the market, altho not dominantly so, since October. Prices of stocks have been forced down considerably in that period, altho much resistance has been encountered in particular instances. Some stocks, despite the reactionary tendency of the market, have established new highs during the short selling, but these are exceptions.

Financial authorities urge a conservative policy in making commitments at the present time and until the situation is clarified.

"A file of bulletins from the agricultural college and from Washington is worth more to me in my business than any other help I get," says one successful farmer.

The Hen Has the Skunk on the Run



Poultry Raising was One of the Most Profitable Side Lines on the Farm in Practically Every State of the Union Last Year

Farm Organization Notes

BY RURAL CORRESPONDENTS

Farmers in Various Parts of the State Make Plans to Protect Themselves

ACCORDING to a recent announcement, L. M. Knight of Medicine Lodge will be the new county agent in Gray county. He will take up this work on February 1 and will succeed C. H. Stinson who has filled that position for the last two years. Mr. Stinson will go to Pratt.

Farmers' Union Store Elect

Stockholders of the new Farmers' Union store at Cedar Point have elected officers as follows: C. A. Wisler, manager; J. S. Wilson, president; A. M. Lee, vice-president; E. C. Masohe, treasurer; J. C. Fisher, W. R. Sayre, S. J. Nicholson and T. E. Sayre, directors. The new store, which makes the fourth co-operative Union store in Chase county, has just opened for business.

Garden City Equity Union

Substantial progress was made by the Equity Union of Garden City last year. The Equity Exchange at that place has 201 members and it is still growing. The Garden City Equity Exchange has narrowed margins at that market point and has prorated \$50,000 among its members out of last year's earnings.

State Buys a Champion Bull

The state of Kansas has bought Canary Oak Fobes Homestead, a Holstein bull that was twice grand champion at the Kansas State Fair at Hutchinson. The bull was owned by Fred McMurray of Darlow who sold him for \$350. The bull goes to the state hospital at Parsons.

New Grange Officers

The Kansas State Grange is starting its work this year under favorable auspices and its new officers elected

recently at Leavenworth at the annual state meeting are planning an aggressive campaign to increase membership and to extend the usefulness of the organization. Some of the new officers are the following: J. P. McMullen of Burlington, master; Caldwell Davis of Bronson, overseer; C. C. Cogswell of Kingman, lecturer; William Cook of Leavenworth, steward; E. E. Adams of Wakefield, assistant steward; Mrs. Lillie B. Allen of Gridley, chaplain; S. B. Haskins of Olathe, treasurer; A. E. Wedd of Lenexa, secretary.

Wichita's Annual Show

The annual power-farming equipment show of the Wichita Thresher & Tractor Club, Wichita, Kan., will be held February 20-23, at Wichita. On the same dates the National Threshermen's Association will hold its annual convention.

One-Third Non-Producers

According to figures which he kept with reference to the number of flocks of poultry which he has inspected and culled for Chase county farmers and poultry raisers during the last three years he has been county agent, A. J. Hendricks of Cottonwood Falls finds the total has exceeded 350,000 fowls. Of this number almost a third were recommended by the county agent to be sold or disposed of because of being non-producers.

Poultry Show in Jewell County

A good poultry show was held in Mankato from January 24 to January 27. One of the interesting features was a judging contest for boys and girls in which there was a discussion of the principles of selection of poultry for flock improvement.

What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

The Kansas Veterinary Medical Association Met in Topeka Last Week and Elected Officers

THE 40th annual meeting of the Kansas Veterinary Medical Association held in Topeka, January 16 and 17, proved to be the most enthusiastic in the history of the organization. More than 175 leading veterinarians of the state attended the convention.

Not only was time given for presentation of technical papers and for clinics, but special time was set aside for discussion of unusual cases encountered during the last year. The convention as a whole sought for ways in which the profession can be of greater service to the farmers and livestock breeders of the state.

One outstanding feature of the two-day session was an address given by Dr. H. M. Graefe, Inspector in Charge of Bureau of Animal Industry, United States Department of Agriculture. Doctor Graefe pointed out the progress made by the veterinary profession. "In the last 15 years," he said, "our profession developed a serum which annually saves the farmers and livestock breeders of this country 40 million dollars from hog cholera losses. The profession has a double duty, for it not only makes possible a great saving by fighting the ravages of cholera among swine and tuberculosis among cattle, but also a humanitarian task, in protecting the health of the children who use milk. The profession has a great future."

Dr. S. L. Steward, Olathe, was elected president of the association for the ensuing year. He succeeds Dr. J. H. Hanna, of Burlington.

Dr. I. J. Pierson was re-elected secretary-treasurer of the organization.

An executive committee composed of Dr. Sam Hayes, Hutchinson, Dr. G. H. Mydland, Horton, and Dr. R. C. Foulke, Holton, was named by the convention.

Manhattan was selected as the next meeting place. The 1924 convention will be held in January at the time of the annual conference, and the dedication of the new veterinary building at Kansas State Agricultural College.

Southwest Jersey Breeders Meet

C. M. Walbridge of Kansas City, owner of a large farm and Jersey herd, near Independence, Mo., was elected president of the Southwest Jersey Cattle Breeders' Association for the ensuing year at the recent annual meeting. Other officers elected, all Kansas Cityans, are as follows: R. W. Barr, vice-president; J. M. Axley, secretary; and C. J. Tucker, treasurer.

Plans for the annual convention of the American Jersey Club, which will be held in Kansas City in June, also were discussed.

Livestock-Census Figures

The domestic animal population of the United States on January 1, 1922, was approximately 183 million—one and two-thirds times the human population—according to Dr. John R. Mohler, chief of the Bureau of Animal Industry. The value of this livestock is estimated at 5,000 million dollars. The annual losses from disease, parasitic troubles, accidents, and neglects amount to more than 200 million dollars.



Nerves of Steel—

THE successful man of today is clear-headed, self-reliant. His keen eye and steady hand result from abundant, self-controlled energy, and steady nerves.

Such a man can overcome difficulties because he is physically fit. Foolish habits of food and drink have no place in his scheme of things. When he finds that coffee disagrees he promptly changes to healthful Postum.

This pure cereal beverage is not only free from the health-disturbing drug element in coffee, but there's comfort and satisfaction in its delicious, full-bodied flavor.

You'll find Postum a factor for Health.

"There's a Reason"

Your grocer sells Postum in two forms: Instant Postum (in tins) prepared instantly in the cup by the addition of boiling water. Postum Cereal (in packages) for those who prefer to make the drink while the meal is being prepared; made by boiling fully 20 minutes.

Made by
Postum Cereal Company, Inc.
Battle Creek, Michigan



As soon as you have read this issue of Kansas Farmer and Mail and Breeze pass it along to your neighbor.

Have you noticed how many of your neighbors are now reading Kansas Farmer and Mail and Breeze?

GOVERNMENT MERCHANDISE!

S-M-A-S-H-E-D P-R-I-C-E-S!

Here is a sale of real bargains—the biggest snaps we have ever offered. Freight rates are now reduced—buy today. These prices are guaranteed for 60 days and these offers are in effect only while this stock lasts. So don't delay—buy direct from this "ad."

SMOOTH FENCE WIRE!

Smooth galvanized 9 gauge wire suitable for fences, stay wires, grape vines and all general purposes about the home and farm. Rolls weigh about 150 pounds.

Lot No. PA100. Price \$2.95 per 100 lbs.

GOV'T BARBED WIRE!

Bought by us at less than cost of manufacturing. Made under rigid government inspection. 12 gauge open hearth steel wire with 4 point barbs 6-8 inches long spaced 3 inches apart. 55 pound reels contain 700 feet. Coated with special formula weather resisting paint.

Lot Number PA 200. Price per reel \$1.15

POULTRY NETTING!

Made for government under rigid inspection of 19 gauge Bessemer steel wire heavily galvanized; 2 inch mesh in 2 heights. Bales contain 150 lineal ft.

36 inches high; per bale \$2.40

Lot No. PA 300, 72 inches high; per bale \$4.75

Mixed CORRUGATED SHEETS!

A recent big purchase from the government brought us a large quantity of 22 gauge new 2 1/4 inch corrugated metal sheets of heavy weight. All perfect stock in splendid condition. Size of sheets 27 1/2 inches wide, 64 inches long. Excellent for roofs and all siding purposes.

Lot No. PA 400, per-100 pound keg \$1.95

Lot No. PA 500, price per square \$2.65

WATTS CORN SHELLERS!

75 to 125 Bushels per hour Buy a genuine Watts corn sheller, the world's best at big reduced prices now. Most popular sizes:

Lot No. PA1. Capacity 50-75 bushels per hour with \$22.50

Lot No. PA2. Watts corn sheller with cleaning system, cob stacker, and grain elevator. 75-125 bushels per hour \$49.00

Lot No. PA4X. Watts corn sheller with cleaning system, cob stacker, grain elevator and automatic feeder. 75-125 bushels per hour. 4-6 H. P. engine. \$65.00

ALLIS-CHALMERS TRACTORS!

\$295 10-18 Horse Power Famous Allis-Chalmers farm tractors purchased by us at big reduced prices and offered now at lowest price ever made. Built to give best service under all conditions.

Lot No. PA 600, genuine Allis-Chalmers farm tractor, 10-18 H. P. Sale price, each \$295.00



Most of the items above in stock now at 4 points. Shipment will be made from point nearest you. Above prices are f.o.b. Chicago, Ill.

Write for Special Bargain List No. P.N-229

HARRIS BROTHERS CO. 1349-1525 West 35th St. CHICAGO

To Have Ready Money USE SURE HATCH INCUBATORS & BROODERS

That the surest and quickest cash income is from chickens was decidedly proved during the past two or three years. Eggs and Poultry bring good prices and are quickly turned into money. People on farms and in towns secure quick cash returns with a Sure Hatch Incubator.



Thousands of Satisfied Users have made good money out of Sure Hatch Incubators during the 24 years they have been on the market. Easy and simple to operate. No experience necessary. Complete instructions with each machine. And Sure Hatch Fresh Air Colony Brooders raise all the chicks and make the business pay.

Quick shipments from Fremont or Chicago. Send for **FREE CATALOG** and 1923 Special Prices. **SURE HATCH INCUBATOR CO.** Box 14 Fremont, Neb.

Hatches 99% Easy

YOU can double your poultry profits with perfect hatches. Thousands are doing it with **PORTER SOFT HEAT**. J.R. Singleton, Alba, Texas, made \$404.11 with one Porter Soft-Heat Incubator in about four months. Sold 250 baby chicks, 200 broilers, and had 250 pullets and 120 cockerels for himself.

More Than An INCUBATOR

Porter Soft-Heat—greatest invention in the poultry world. An automatic mother that stays on the job till hatch is off. Iron clad guarantee. Strong healthy chicks from every good egg. No crimples. Beats the hen. Circular nest. Center heat. One filling of lamp to hatch. Glass top. Automatic regulation of heat, ventilation and moisture. 10 minutes a week cares for it. Shipped prepaid.

FREE Send name-card will do—for free book "How to Hatch For Profit," and low direct prices. **PORTER INCUBATOR CO.** 100 to 1000 Box 1153 Blair, Neb. Egg Sizes

CLOSE-TO-NATURE THE INCUBATOR

That is the peer of all hatching machines,—that gets right down close to nature. Safe, sound, sensible. Without a fad or frill. **IT WILL PAY YOU** To get our catalog and prices on Incubators, Stove Brooders, Outdoor Brooders, Grain Sprouters, etc. **CLOSE-TO-NATURE CO.** 69 Front St., Colfax, Iowa

X-RAY NEW LOW PRICES **INCUBATOR** IMPROVED AGAIN! Greatest Incubator Improvement. Steady even heat and moisture with new patented combination walls. 1923 X-Ray Book Free. **X-RAY INCUBATOR COMPANY** 115 Des Moines St., Des Moines, Ia.

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Season Open

Ship to

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Established 1873

Capons our specialty.

For highest prices and best grading, write us at once.

Lyon County Certified Poultry Association.

We wish to call your attention to where you can buy high class, purebred poultry, all varieties, INSPECTED AND GRADED by competent poultrymen. Prices and all information on request, write **LYON COUNTY FARM BUREAU,** Emporia, Kansas

BABY CHICKS We hatch leading varieties of Standard-Bred, vigorous, heavy laying stock. Postage paid. Live arrival guaranteed. Send for our prices, open dates and large illustrated catalogue free. Write today. **Superior Poultry Company,** Box K F, Windsor, Mo.

Ames Quality Chix 8 leading varieties: Leghorns, Rocks, Reds, Wyandottes and Orpingtons. Vigorous free range flocks. Baby Chix deliveries begin Feb. 15. Get our prices. Catalog Free. Write Today. **AMES HATCHERY CO., AMES, IOWA**

Capper Poultry Club

There is Joy in Working When You are a Club Member and Win a Cash Prize

BY RACHEL ANN NEISWENDER
Club Manager

THE year just closed had its ups and downs—mostly downs, for the farmer—but despite this fact club members managed to clear \$10,167.30 on their contest entries. In many instances mother and daughter cleared as much or more on their chickens as the men-folks cleared on their grain. It is becoming evident that the poultry business is one that pays, as a business alone, or as a side line on the farm.

Mary Wins Again

By making good sales, cutting her feed cost to a minimum and capturing prizes at county fairs, Mary Bailey of Atchison county again won first place in the small pen department. Mary is proud of her Rose Comb Rhode Island Whites and says that her net profit of \$678.21 is due to the attention she gave them. To Mary goes the cash prize of \$20, as well as the individual profit trophy cup.

Here is a list of the other winners in this department:

Name	County	Breed	Prize
Anna Thyer	Linn	Barred Plymouth Rocks	\$15
Laura Moellman	Linn	R. C. Rhode Island Reds	10
Lila Wolfe	Finney	Buff Rocks	5
Irene Hadway	Clay	Silver Laced Wyandottes	3
Grace Harrison	Linn	Barred Plymouth Rocks	1
Genevieve Bender	Linn	S. C. White Leghorns	1
Doris Constable	Reno	S. C. Rhode Island Reds	1
Opal Shuff	Ottawa	Buff Rocks	1
Claire Jamison	Cloud	Golden Wyandottes	1
Bertha Bechtel	Linn	S. C. White Plymouth Rocks	1
Dorothy Roy	Morris	S. C. Rhode Island Reds	1
Rubie Guffey	Linn	S. C. Anconas	1
Elva Howerton	Linn	S. C. Buff Orpingtons	1
Inez Bland	Jackson	S. C. Buff Orpingtons	1

Winners in Baby Chick Department

The honor of winning first prize in the baby chick department, as well as \$12 cash, goes to Vesta Gattion of Cowley county. Vesta had a net profit of \$31.76 to show for her investment of \$2.50. Comfortable quarters and care in feeding helped Vesta win this success with her Black Langshans. Marie Brose of Leavenworth county won the second prize of \$7. Marie raises Barred Plymouth Rocks and refuses to believe there is a better breed. Elvena Kristenson of Osage county and her Single Comb Rhode Island Reds won the third prize of \$5. Good work made it possible for Alice Hansen to win fourth place and a cash prize of \$4 with her White Plymouth Rocks. Kathryn Brose of Leavenworth county won fifth prize and \$2 with her Barred Plymouth Rocks.

The 10 girls whose names follow won the \$1 prizes: Reta Bowman, Coffey, Buff Orpingtons; Stella Davis, Linn, S. C. Rhode Island Reds; Marguerite Langenderfer, Douglas, Rose Comb Rhode Island Reds; Eulavee Gilbert, Reno, Barred Plymouth Rocks; Esther Blauer, Rocks, S. C. Brown Leghorns; Agnes Neubauer, Republic, R. C. White Wyandottes; Myrtle Suiter, Leavenworth, White Wyandottes; June Steele,

Woodson, Light Brahmas; Ruth Jarboe, Finney, Buff Orpingtons; Vera Smith, Osage, S. C. Rhode Island Reds.

Awards in Large Pen Department

There were four prizes offered in this department and it was a merry scramble for first place. Mildred Ungeheuer of Linn county won the first prize of \$15 with her S. C. Rhode Island Reds. Mildred has done exceptionally good work this year with her little flock, winning a string of ribbons and cash prizes at county fairs, as well as making a neat net profit. Elma Evans of Rooks county won the second prize of \$10 with her Barred Plymouth Rocks. Thelma Kent of Cowley county won third with Light Brahmas and will receive a cash prize of \$8, and Annice Anderson of Rooks county won fourth with S. C. White Leghorns and will receive a cash prize of \$5.

In the mother's department, competition was as keen as ever, but Mrs. E. A. Bailey of Atchison county scored

highest and won the first prize of \$20. Mrs. Bailey made a net profit of \$534.50. Mrs. Bailey believes in all the up-to-date methods in connection with poultry raising plus economy, and by practicing what she believes she won first place.

Other winners in the mothers' department are: Mrs. Lula Harrison, Linn, \$10; Mrs. Heimer Fleury, Cloud, \$6; Mrs. Frank Miller, Cloud, \$5; Mrs. Leo B. Curtis, Linn, \$1; Mrs. Ada Morrell, Linn, \$1; Mrs. E. E. Howerton, Linn, \$1; Mrs. May West, Republic, \$1; Mrs. D. C. Guffey, Linn, \$1; Mrs. E. D. Hansen, Rooks, \$1; Mrs. John Bowman, Coffey, \$1; Mrs. W. O. Evans, Rooks, \$1; Mrs. Fred Johnson, Anderson, \$1; Mrs. J. E. McGee, Linn, \$1.

Mother's a Fine Partner

The only regret that we have in connection with our mothers of 1922 is that there weren't more of them. We're hoping to enroll a mother with every girl this year. Here are the awards in the mother-daughter department:

Mrs. A. E. Bailey and Mary, Atchison, \$10; Mrs. Lula Harrison and Grace, Linn, \$5; Mrs. Charles Curtis and Mildred Ungeheuer, Linn, \$3;

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Raymond H. Gilkeson, Pig Club Manager

Rachel Ann Neiswender, Poultry Club Manager

I hereby make application for selection as one of the representatives of

.....county in the Capper

.....Club.

(Write pig or poultry club)

I will try to get the required recommendations, and 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 and 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 15

Biggest Hatches Strongest Chicks

That's what you'll get with my Hatching Outfit, and I can prove it.



My new Poultry Book, "Hatching Facts," tells the whole story—gives newest ideas and easiest ways to make poultry pay—it's Free—write for it today. Learn the many advantages my Belle City has over the "old hen way," and the big money folks make using my

**\$13⁹⁵ 140-Egg
Champion**

Belle City Incubator

Double Walls—Fibre Board—Hot-Water Copper Tank—Self-Regulated Safety Lamp Thermometer & Holder—Egg Tester—Deep Nursery. **\$6.95** buys 140-Chick Hot-Water Double-Walled Belle City Brooder. Or save **\$1.95** by order—**\$18⁹⁵** ing Both together for only

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East of Rockies and allowed to points beyond.

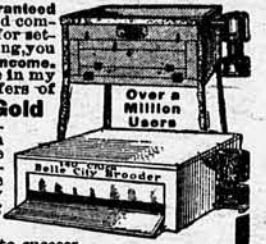
With this Guaranteed Hatching Outfit and complete Guide Book for setting up and operating, you can make a big income. You can also share in my Personal Prize Offer of

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without cost or obligation. Get an early start—Save Valuable Time—Order Now, or write me today for my new Free catalog "Hatching Facts"

A complete guide to success raising poultry for profit. Jim Rohan, Pres.

Belle City Incubator Co., Box 21, Racine, Wis.



DEAN HARR'S BABY CHICKS



BABY CHICKS from recognized laying strains, true to type. Despite large capacity, many customers were disappointed last season, having delayed too long in ordering. This fact and the season is responsible for the heaviest January booking of early orders in our experience. The early chick produces high-priced broilers and early layers. Order from this advertisement. An order now assures preferred shipping date; twenty-five per cent cash with order. Leghorns, 25 for \$4.25, 50 for \$8.00, 100 for \$15.00, 500 for \$72.00, 1,000 for \$140.00. Barred Rocks, 25 for \$4.50, 50 for \$8.50, 100 for \$16.00, 500 for \$78.00, 1,000 for \$150.00. White Rocks, 25 for \$4.50, 50 for \$8.50, 100 for \$16.00, 500 for \$78.00, 1,000 for \$150.00. Wyandottes, 25 for \$5.00, 50 for \$9.00, 100 for \$17.00, 500 for \$85.00, 1,000 for \$170.00. Minorcas and Anconas, 25 for \$5.00, 50 for \$9.00, 100 for \$17.00, 500 for \$85.00, 1,000 for \$170.00. **FULL LIVE DELIVERY AND COMPLETE SATISFACTION.** **HARR FARMS CO., Box 5022, WICHITA, KAN.**

Get Fowler Egg Farm Leghorns



FOR EGGS. GREAT WINTER LAYERS. 247-288 egg blood. A customer reports \$289.75 worth of eggs from only 172 pullets in 2 winter months. **EGGS AND CHICKS** at low prices. Write for **FREE** circular containing facts from customers. **ADDRESS Fowler Egg Farm, Rt. 3, Fowler, Colo.**

POTASH FACTS

The outstanding Commercial and Agricultural crime of 1921 exposed. The German and French Potash contract with 34 fertilizer manufacturers in the United States violate all tariff, restraining of trade or anti-dumping laws passed or that may be passed by Congress of the United States. Every American farmer must read it to be posted. Price 20 cts. per copy. 100 copies \$15.00. 1000 copies \$100.00. **J. B. LEAMAN, 339 W. 17 St., Houston, Texas**

Chicks Guaranteed to Live

Free circular explains 14 day **GUARANTEE TO LIVE**, under your care. 100% live delivery, post paid. Thirteen husky, pure bred varieties, from prize winners; culled and mated by a former Missouri College poultry expert. Reference, American Exchange Bank. **Sedalia Hatcheries, Box X, Sedalia, Mo.**



25,000 Purebred Chicks

weekly from selected heavy laying flocks, S. C. White Leghorns, S. C. Brown Leghorns, Anconas, Barred Rocks, White Rocks, White Wyandottes, S. C. Red, Buff Orpingtons. Postpaid, 100% live delivery guaranteed. Catalog free. Box 287A.

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Baby Chicks

28 varieties, 50,000 weekly. From Hogan tested flocks bred for heavy egg production. Miller Baby Chicks are shipped via prepaid parcel post. Safe delivery guaranteed. Over 50,000 pleased customers in 48 states and Canada. Big catalog free. **MILLER POULTRY FARMS** Lancaster, Mo. Box 528



64 BREEDS

Most Profitable chickens, ducks, turkeys and geese. Choclos, pure-bred northern raised. Fowls, eggs, incubators at reduced prices. America's great poultry farm. 30th year. Valuable new 100-page book and catalog free. **R.F. NEUBERT Co., Box 828 Muskogee, Okla.**

QUALITY Chicks and Eggs

25,000 STANDARD BRED BREEDERS. 12 varieties. Best laying strains. Incubate 15,000 eggs daily. Catalog free. Reasonable prices. Free live delivery. **Missouri Poultry Farms, Columbia, Mo.**



Baby Chicks

All leading varieties—strong and vigorous. From heavy-laying flocks. Low prices, highest quality. Safe delivery guaranteed. Postpaid. Pleased customers everywhere. Big FREE Circular. **TOLAND POULTRY FARMS** Box N Diagonal, Ia.

When writing advertisers mention this paper.

January 27, 1923.

Mrs. Leo Curtis and Anna Lucille Thyer, Linn, \$2; Mrs. E. D. Hansen and Alice, Rooks, \$1; Mrs. John Bowman and Reta, Coffey, \$1; Mrs. Homer Fleury and Thelma, Cloud, \$1; Mrs. J. E. McGee and Blanche, Linn, \$1; Mrs. May West and Lena, Republic, \$1.

If you are a Kansas girl between the ages of 10 and 18, why not enroll now and come in for some of these prizes next year? We'll be glad to receive your application for membership.

Prize Winners in Poultry Contest

(Continued from Page 7)

the walls of the scratching shed. In the morning before letting the hens into the scratching shed we scatter whole grain, wheat, kafir or oats in deep litter and make the hens work for it. This gave them exercise and kept them warm also. We gave them warm water early in the morning. Keeping them warm and busy was our slogan. We never let them out in the snow or driving wind.

On cold, stormy days we fed a wet mash of milk, table scraps, and cooked vegetables mixed with the dry mash to a crumbly consistency and fed from troughs. Also all the whole corn they would clean up at night.

The fact that we were getting eggs under ordinary farm conditions in cold weather too, soon attracted attention and a small advertisement in the Kansas Farmer and Mail and Breeze and one in our local paper brought us a market for more eggs for hatching and baby chicks than we could possibly supply. By June 1, we had sold more than 3,000 eggs for hatching, 1,200 baby chicks and had 160 hens and 400 young chicks on hand. Our sales amounted to \$438.56, and we kept no account of eggs or poultry consumed by a family of eight. Of course, this was not all clear profit as we bought our bran, shorts and meat scrap, but the grain was produced on the farm. We also fed ensilage for green food. This helped to increase production and strengthened fertility.

We kept clean water, oyster shell and ashes before them all the time, and we were more than paid for the extra care we gave them, and while there were other better egg records made in the county by strictly egg-producing flocks, we were convinced that the large type of hen would respond to regular, generous feeding of a balanced ration, and sanitary housing.

Mrs. T. J. Ruehlen.

Windom, Kan.

Incubators and Brooders

I have hatched chickens with an incubator for the last 18 years and have had splendid success.

It has been said and written many times, "If you do not follow the instructions that come with your incubator you will have poor hatches," and to some extent that is true. However, no matter what kind of an incubator I am using or who the inventor may be, I have learned this: If I put the thermometer down on the eggs and always see that the bulb is on an egg and that the thermometer is about half way between the pipes and not directly under a pipe, I always have a good hatch. I use the thermometer rack only when the hatch is coming off and then I never place it on the rack until the chickens get so

thick they keep knocking it off the eggs. More eggs have been ruined and more weak chickens have been hatched from running the incubator with the thermometer suspended on a rack than from anything else.

I like to begin setting the incubators the first week in February. I like to get the chickens hatched out and well on the way before garden making time and house cleaning time come. The early hatches are the ones that pay best too. I turn the eggs twice a day regardless of the weather. If the weather is very cold, I build up a fire in the adjoining room, and get the house warmed up before turning the eggs.

Testing out all infertile eggs is another important step. I test out all infertile eggs the second week and place a soft cloth around the edge of the tray to fill up the vacancy. This cloth gets warm and is almost equal to the old hen's feathers. When setting the incubator for early hatches, I place an old piece of blanket, doubled several times in the bottom of the incubator.

On the 18th day I remove all the eggs from the tray, put them on a soft comfort, working carefully and quickly, then I put a soft cloth in the tray and replace the eggs and leave this cloth on the tray until the hatch is finished.

When the chickens hatch out, this cloth is warm and soft, they burst out of the shell and keep perfectly quiet until they are dry, instead of running around injuring themselves and musing up the other eggs. This cloth also answers another purpose. It keeps the tray perfectly clean and that is how I discovered its value to the little chickens.

Another thing that has helped me to successful hatches, is staying at home. You can't set an incubator and get 100 per cent hatch, if you leave it to run itself half the time.

I haven't said anything about moisture. Some is needed but one can use too much. I wring a flour sack out of hot water and place it on the eggs after I notice the first egg has been pipped and leave the cloth there until it is dry. The last eggs left, some of which are pipped but are too dry to hatch, may hatch out perfectly good chickens if they are wrapped in a cloth wrung out of hot water.

I feed rolled oats the first two weeks and keep ground kafir, bran, shorts and tankage before the chicks all the time. Sand and oyster shells are kept in flat boxes easy for the chickens to hop into. I use gallon buckets turned upside down in cake tins for the milk and water. If you never have tried using tankage in your little chicken feed—try it. The person who recommended it to me praised it highly. He said "Tankage would grow feathers on a frog," and it sure will grow feathers on baby chickens in a double quick hurry.

Mrs. Fred Johnson.

Greeley, Kan.

Success With Day Old Chicks

I wish to tell you about our success with day old chicks. We bought 600 on May 14 and 600 more two weeks later. Out of the 1,200 we sold 450 and ate 75. We sold 50 pullets and have 410 pullets left. We have the purebred English Barron strain of White Leghorns. We weighed two pul-

(Continued on Page 29)

Business Farmers Use Typewriters

PROGRESSIVE farmers are more and more coming to the use of the typewriter, along with printed letter heads. The reason they give for the practice is not so much that it is easier for the person who gets the letter to read it, but because the carbon copy of the letter, made at the time it is written, gives an exact and indisputable record. This is particularly important where price quotations are given, or when any financial arrangements are made.

Copies of all important business letters should be kept; and without the typewriter, the copy has to be made painstakingly by hand. Even then, mistakes of omission are likely to creep in, and the accuracy of the copy may be easily disputed.

Typewriters are not so expensive as they once were, and the small, portable kinds are capable of effective work, tho they cost no more than about half as much as the larger standard machines. No one can recommend a typewriter with any more assurance than an automobile can be recommended. There are all sorts, for all sorts of usage, from the heavy, sturdy one that many Government forest rangers use, to those with the most delicate mechanisms.

The daughter of the family, in many farm homes, may learn to operate a machine in the commercial course at the high school, and then act as the farm secretary.

Ironclad

THE IRON COVERED INCUBATOR



140 Egg
Galvanized Iron
Self-Heating
Insulating Board
Dead Air Space
Insulating Board

Don't class this biggalvanized iron covered incubator with cheaply constructed machines. Don't buy any incubator until you have seen it in model. Specifications: California REDWOOD, covered with galvanized iron, double walling dead air space between, deep chick nursery, self-regulating hot water tank and boiler, double glass door, nursery, self-regulating everything complete, set up ready to run, for only \$13.25, freight paid east of Rockies.

260 Egg Size without Brooder \$23.00; with Brooder \$32.00—Freight Paid

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BIGGEST HATCHING VALUE EVER OFFERED

ONLY \$13.85

For 140 Egg Size—WITHOUT BROODER—FREIGHT PAID Investigate the Ironclad Incubator before you buy. Get my new catalog and learn why the Ironclad is the safest and best incubator. It tells how they are made and why they are better. My special offer of 140 Egg Incubator and 140 chick hot water brooder, only \$19.75.

30 Days Trial

Money Back If Not Satisfied

The greatest incubator offer of the season. You can use the machine for 30 days and if not satisfactory, we will refund your money and pay return freight charges. Both machines come to you set up, ready to use, and accompanied by a 140 YEAR IRONCLAD GUARANTEE

Both \$19.75

Freight Paid East of Rockies

140 Chick Brooder

What's 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. 58 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. 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.

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140 EGG Wisconsin ONLY \$13.25

Just think of it! This fine, California Redwood Wisconsin 140-Egg Incubator, with double walls, dead air space between, hot water heat, copper tank and boiler, double glass door, nursery, self-regulating everything complete, set up ready to run, for only \$13.25, freight paid east of Rockies. With 140-chick hot air brooder, only \$17.75.

180 Egg size, only \$15.75 with Brooder, both \$22

You take no risk in buying Wisconsin. You have 30 days to try them—money back if not pleased. Select the size you want—order today.

30 Days Trial Why Pay More

Wisconsin WICKLESS Colony Brooders

For those who want Colony Brooders here is the finest on the market. Automatic control—can't go out—can't overflow—burn steady blue flame—no wick—no trouble. Look at these:

Express Paid Prices: 22 in. Canopy, 100 chick, \$8.95; 32 in. Canopy, 300 chick, 15.50; 42 in. Canopy, 500 chick, 17.75.

Write for our New 1923 Catalogue or order direct from this ad.

WISCONSIN INCUBATOR CO.
Box 136, Racine, Wis.



140 Egg \$13.25

180 Egg \$15.75

250 Egg \$22.75

300 Egg \$31.00

INCUBATORS

Think You Can Spell

How Many Words Can You Make From "Incubators"? Try It! Win This Prize!

FREE

Our Guarantee

We guarantee that the winner of this contest will be awarded his or her choice of any standard incubator, value up to \$150, or \$150 cash, three impartial judges, judging the lists submitted. In case of a tie, the prize will be awarded to each of the tying contestants.

THE CAPPER PUBLICATIONS

WIN an Incubator or \$150.00 Cash

Think you can spell? Then how many words can you make out of the 10 letters in I-N-C-U-B-A-T-O-R-S? Try it! We will give a prize of any standard incubator, value up to \$150, or \$150 cash to the person who compiles with the rules of this contest and sends in the largest list of correct words made from the letters in "Incubators."

A Prize for Every List of 20 or More Words

If you make a list of 20 or more words and comply with rules, you may have choice of the following prizes FREE: 10 Beautiful Post Cards; Clutch Pail; 16 Flint Agate Marbles; Rag Doll; Army Police Whistle. State choice.

Here are the Rules:

- (1) Make as many words as you can from the letters in "Incubators." A few of the words are bat, cubit, bun. Do not use more letters in the same word than there are in "Incubators." A letter cannot be used more than once in the same word.
- (2) To qualify for the Prize, every list of words must be accompanied by a remittance of 50 cents to cover a six months subscription to The Kansas Farmer and Mail & Breeze.
- (3) Proper names, prefixes, suffixes, obsolete and foreign words will not be counted. Words spelled alike but with different meanings will be counted as one word.
- (4) Winners of former Kansas Farmer and Mail & Breeze spelling clubs may not enter this contest.
- (5) Three disinterested persons will act as Judges. Their decision will be final.
- (6) Webster's New International Dictionary will be used as authority.

The Chance of a Lifetime to Win an Incubator

The winner may have his or her choice of any standard incubator, value up to \$150.00, or may take \$150.00 cash. This is the chance of a lifetime to win an incubator and one you should not overlook. Contest closes March 31, 1923.

Send Your List Today

WIN This Incubator or \$150.00 CASH

Incubator Club, The Capper Publications, Topeka, Kansas.

Gentlemen: I wish to enter your INCUBATOR Contest. I am enclosing 50c for a six months subscription to the Kansas Farmer and Mail & Breeze and am attaching my list of words.

My Name..... R.F.D.....

Town..... State.....

Send subscription to.....

GET THIS VALUABLE FREE BOOK to insure a success- ful Hatch every time

The Safety Hatch produces a live healthy chick from every fertile egg of normal vitality. Thousands of satisfied users; many who own several, as shown in our "Evidence Folder."

Get this free literature—learn all about the Safety Hatch patented circulating hot water system that keeps heat always at hatching temperature, and other important features. A postal brings free book, a copy of our "Evidence Folder" and name of nearest dealer. Write now—today.

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25¢ Brings 5 Months EVERYBODY'S

Let your hens keep you rather than you keep them. Poultry can be made one of, if not your best, paying crops. Prof. H. R. Lewis, Messrs. Cleveland, McGrew, Hale and other successful poultry farmers tell you in EVERYBODY'S how to make every hen net you a handsome profit. Beautifully illustrated in colors—64 to 128 pages monthly. TRIAL 5 MONTHS SUB. 25¢; 2 Years, 24 Issues, \$1.00.

"America's Most Popular Poultry Publication." Subscription starts day received. Subscribe today. Everybody's Poultry Magazine, Dept. 201, Hanover, Pa.

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REDHEAD Tomato
THIS NEW and better egg-shaped, deep red, prolific, and of your garden is half your living. Poor seed always means a poor garden. My seeds are all tested, and will really GROW!
Let me send you my new Seed Book and magazine "Seed Sense". Both Free When you buy my seeds you get "your money's worth" or money back. Send your name and address today.
HENRY FIELD SEED CO., Dept. 158, Shenandoah, Iowa

For Our Young Readers

How Betty Bringle Explains to Little Boy Blue That Her Pet Pig Isn't Stupid

A **LITTLE** Betty Bringle came around the corner of her house, who should she see coming to call on her but Little Boy Blue.

"Howdy," said Little Boy Blue. "See you still have that dumb pig for a pet."

"Little Boy Blue, I will give you to understand that my pig is a lot smart-



er than your sheep, and is almost as affectionate as Tommy Tucker's dog. A pig is one of the smartest animals you will find on the farm."

"Yes," interrupted Boy Blue, "but everyone thinks that pigs are stupid."

"Of course, some of them are stupid, for their masters stuff them with such fattening food that a pig has no chance to develop his brain. You would be stupid and lazy, too, if you did nothing but stuff yourself to get fat. However, I know you have seen pigs in a circus do tricks that they must have had brains to be able to do. Pigs would be smart animals if man would only give them a chance to use their brains."

winners are Mary Stimec, Helen Vess, Ethel Weide, Alice Sloan, Albert Stafford, Ralph Staley, Mabel Glover, William Halloran, Robert Muntzert and Elsie Otto.

Solution December 30 puzzle: A cat's tail. The winners are Harvie Fry, Creta Anderson, Geraldine Monroe, Helen Krampe, Florence Marsh, Marie Marsh, Herbert Lee Reigle, Paul Stitt, Muriel Shaffstall and Anna Yoder.

Fun With Jack, the Burro

For pets we have a burro, three cats and a pony named Kit. We also have a dog named Shep. We have fun with Jack, the burro. We hitch him to the little coaster but sometimes he balks. We ride him too. He laid down with my brother once. I am 12 years old. Thelma Kobler. Penokee, Kan.



Can you arrange every group of letters into a word? If you can, you will find you have a very popular Mother Goose verse. What is it?

The Quiz Corner Winners

Clara Zollner
Ruth Sturdy
Orville Meyer
Esther Hiebert
Mary Meek

Neil Turnbull
Claire Burkes
Cecelia Burns
Freda Henderson
Mildred Williams

Above are the names of the boys and girls winning the surprise gifts in the last Quiz Corner contest. "Your surprise gift (a box of pencils) was exactly what I wanted," writes one of the winners of one of our prizes.

There are more questions for this week. You will find the answers to every one of them in this magazine. The first 10 boys and girls (except those who have won before) getting correct answers to us will win the prizes. Send your answers to the Quiz Corner, the Kansas Farmer and Mail & Breeze, Topeka, Kan. Here are the questions:

1. How may wheat be planted to catch and hold snow best?
2. What is the outstanding incident of world news this week?
3. What is the purpose of the contest between dairymen of Kansas and those of Western Missouri?
4. If the United States is to have any part in the financing of Europe, how, according to Senator Capper, must it be done?
5. How did a California farmer seed soft grain land where ordinary machinery could not be used?
6. What was the most serious matter brought out in the Kansas fish and game warden's report for 1922?

What animal uses its webbed hind feet for oars and its tail is used as a rudder?
Answer



When you have found the answer to this puzzle send it to the Puzzle Editor, the Kansas Farmer and Mail & Breeze, Topeka, Kan. There will be a package of postcards each for the first 10 boys or girls answering correctly.

Solution the January 6 puzzle. (What bird has eyes similar to a cat's eyes, fitted for night hunting?): Screechowl. The winners are Claude Hibbard, Helen Krampe, Clifford Scripser, Elma Zordel, Mary Dodd, Frances Warner, Roberta Vickers, Bessie Raines, Emma Pearson and Florence Doll.

Fall and Winter

Money Saving Clubbing Offers

Capper's Weekly.....	Club 100 all for
Household.....	
Kansas Farmer and Mail & Breeze.....	\$1.60
Kansas Farmer and Mail & Breeze.....	Club 101 all for
Gentlewoman.....	
Household.....	\$1.10
Kansas Farmer and Mail & Breeze.....	Club 102 all for
Woman's World.....	
People's Popular Mo.....	\$1.30
Kansas Farmer and Mail & Breeze.....	Club 103 all for
McCall's.....	
Good Stories.....	\$1.40
Kansas Farmer and Mail & Breeze.....	Club 104 all for
American Woman.....	
People's Home Jr.....	\$1.75
Kansas Farmer and Mail & Breeze.....	Club 105 all for
American Woman.....	
McCall's.....	\$1.50
Kansas Farmer and Mail & Breeze.....	Club 106 all for
Pathfinder (Weekly).....	
Household.....	\$1.25
Kansas Farmer and Mail & Breeze.....	Club 107 all for
Household.....	
McCall's.....	\$1.60
Mother's Magazine.....	
Kansas Farmer and Mail & Breeze.....	Club 108 all for
Pictorial Review.....	
American Woman.....	\$1.75
Kansas Farmer and Mail & Breeze.....	Club 109 all for
Today's Housewife.....	
Household.....	\$1.50
Gentlewoman.....	
Kansas Farmer and Mail & Breeze.....	Club 110 all for
Modern Priscilla.....	
People's Popular Mo.....	\$2.20
Kansas Farmer and Mail & Breeze.....	Club 111 all for
Christian Herald.....	
Good Stories.....	\$2.10
Household.....	
Kansas Farmer and Mail & Breeze.....	Club 112 all for
Pathfinder.....	
National Republican.....	\$1.75
Kansas Farmer and Mail & Breeze.....	Club 113 all for
American Boy.....	
Kansas Farmer and Mail & Breeze.....	\$2.35
Kansas Farmer and Mail & Breeze.....	Club 114 all for
Collier's.....	
Kansas Farmer and Mail & Breeze.....	\$2.60
Three-a-Week World.....	Club 115 all for
Kansas Farmer and Mail & Breeze.....	
Bryan's Commoner.....	\$1.30
Kansas Farmer and Mail & Breeze.....	Club 116 all for
Am. Poultry Advocate.....	
Kansas Farmer and Mail & Breeze.....	\$1.25
Kansas Farmer and Mail & Breeze.....	Club 117 all for
Youth's Companion.....	
Kansas Farmer and Mail & Breeze.....	\$2.85
Kansas Farmer and Mail & Breeze.....	Club 118 all for
Woman's Home Comp.....	
Kansas Farmer and Mail & Breeze.....	\$1.80
Kansas Farmer and Mail & Breeze.....	Club 119 all for
Boys' Magazine.....	
Kansas Farmer and Mail & Breeze.....	\$1.45
Kansas Farmer and Mail & Breeze.....	Club 120 all for
American Woman.....	
American Magazine.....	\$2.60
Kansas Farmer and Mail & Breeze.....	Club 121 all for
Bryan's Commoner.....	
Pictorial Review.....	\$2.00
Kansas Farmer and Mail & Breeze.....	Club 122 all for
People's Popular Mo.....	
Boys' Magazine.....	\$1.60
Kansas Farmer and Mail & Breeze.....	Club 123 all for
Good Stories.....	
Woman's Home Comp.....	\$1.95
Kansas Farmer and Mail & Breeze.....	Club 124 all for
Three-a-Week World.....	
Kansas Farmer and Mail & Breeze.....	\$1.55
Kansas Farmer and Mail & Breeze.....	Club 125 all for
American Woman.....	
American Magazine.....	\$2.65
Kansas Farmer and Mail & Breeze.....	Club 126 all for
Am. Poultry Advocate.....	
Gentlewoman.....	\$1.40
Kansas Farmer and Mail & Breeze.....	Club 127 all for
People's Popular Mo.....	
Woman's World.....	\$1.90
Kansas Farmer and Mail & Breeze.....	Club 128 all for
McCall's.....	
Gentlewoman.....	\$1.85
People's Popular Mo.....	
Woman's World.....	
Kansas Farmer and Mail & Breeze.....	Club 129 all for
Household.....	
American Thresherman.....	\$1.35
Capper's Farmer.....	

Offers Good for 15 Days Only

NOTE—If you should happen not to find your favorite magazines in these clubs, make up a special club 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.

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Tested Varieties
Fine for windbreaks, hedges and lawn plan-
ing. All hardy, vigorous and well rooted. V
ship everywhere. Write for free Evergreen
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s, B.C.

"Well, I can't say we argue but she does a red hot monologue."

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Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

Clean In, Clean Out, Clean Up—A Good Poultryman's Slogan

THERE used to be a poultryman's slogan in common use that read: Clean in, clean out, clean up. This ought never to have been discarded. Clean out referred to coops and houses.

In summer there is always an urgent need for keeping the houses clean. All, with even one season's experience,



know that mites and trouble follow in the wake of dirty or ill-kept houses.

In winter, many neglect the disagreeable task and pay the penalty often in a flock of chickens in poor condition. Unclean litters, filth in drinking water or mash fed in dirty troughs are all conducive to sickness.

One other element of cleanliness is not generally known to be important. This is the presence of English sparrows, roosting in chicken houses or eating from chicken feeders. Pigeons really belong in the same class. It is becoming generally known that they are the carriers of chicken pox. A ruthless war on sparrows has done wonders to make this farm an uninviting place for them. The boys have caught them at night—using a flash light—and fed them to cats. They have left nests intact and removed eggs as fast as laid.

Keep Lots and Pens Clean

"Clean up" probably referred to the grounds, lots, pens and range in general. On the farm, we are not likely to have chickens confined to limited range many months in the year. The ground near the chicken houses may well be turned over with the plow occasionally.

Lime scattered about is a help. A spraying of the ground about the entrance to houses is a wise precaution. A sprayer for use in a pail may be purchased for less than \$2. With it, one may whitewash houses, cover roosts and floor with oil, or disinfect house and grounds.

"Clean in" is the part of the slogan to which we farm women have paid least attention. When a chicken gets sick, we put his head in kerosene or under the ax. If we call the county agent to help us guess at the trouble, he will "size up" the case by the chicken's appearance, actions and droppings. The chances are that he will recommend a treatment of Epsom salts for the entire flock. His is the real "clean in" idea.

Bad Feed Cause of Trouble

In our county agent's annual report, he tells us that he was consulted about 176 cases of poultry diseases. In 91 of these cases it was found that bad feed was the cause of the trouble. In all but three of the 91, immediate results were secured by giving Epsom salts. For each 100 hens, 1 pound of salts was dissolved in warm water and poured over bran.

Many professional poultrymen do not wait until chickens are sick to dose them with Epsom salts. Instead, they give the salts as a preventive.

A writer in a recent issue of a current magazine tells about a California

poultryman who has a barrel mounted on a platform. In this he mixes Epsom salts in warm water and once a month in summer pipes it to his 5,000 chickens to drink. He gives them salts in the ratio of 1 pound for 250 hens.

When we think of the places from which chickens take their food, doesn't it seem as if their insides need a house cleaning once a month? For 1923, let's plan our campaign on these lines: Clean in, clean out, clean up.

Mrs. Dora L. Thompson.

Making Early Party Plans

If you are planning a party for Lincoln's Birthday, St. Valentine's Day, Washington's Birthday or St. Patrick's Day you are thinking about three things: Decorations and invitations, refreshments and games. Attractive and appropriate decorations always add interest and zest to any party. It is well to begin planning them early to avoid the last minute rush.

The invitations for Lincoln's Birthday may be sent out on little cards in the upper left hand corner of which is pasted or drawn a picture of a fireplace. Underneath may be written the place, time and date and the following jingle:

Come to our house
This Monday week
And join us in our fun;
To celebrate the famous twelfth
The birthday of Lincoln.

In the center of the table may be placed a miniature log cabin made of crepe paper.

Send out your invitations for St. Valentine's Day on small valentines.

Farm and Home Week

THERE'S going to be a good time at Manhattan, February 5 to 10 for the women who are going to take their vacation then and attend Farm and Home Week. All of the problems pertaining to home making will be discussed, and solutions suggested. A feature of get togethers of this sort that cannot be estimated in dollars and cents is the feeling of fellowship and good will that comes from talking over the things which interest us most.

This meeting has been planned for all the women of Kansas. Hope you are planning to go and enjoy your part of the good time.

Decorate the house with red hearts of different sizes, made of red cardboard. In the center of the dining room table suspend a large cardboard heart—from this let streamers run to every corner of the table and on the streamers have hearts in graduating sizes, the smallest at the bottom.

For Washington's Birthday one might give a red, white and blue dinner party. Decorate the center of the table with white carnations with red borders arranged in a tall blue vase. Or, a tree stump with its hatchet is typically a centerpiece for Washington's Birthday and may be made more attractive if surrounded by red, white and blue crepe paper ruffles. Nut cups of red, white and blue crepe paper will complete a wonderfully attractive table decoration.

The invitations for St. Patrick's Day might be a little pipe, bowl downward, from which a huge, green-edged bubble hangs down, and holds within its circle the following:

It's hopin' I am that ye'll not be too busy to come to this address on the avenin' of March 17. Plaise be after comin' at 8 o'clock.
Hill Crest Farm.

St. Patrick's brings an entirely different thought in both color scheme and design. Shamrock green and white

always make a pleasing decoration, while the shamrocks themselves, gold harps, Irish lads and lassies in typical costumes furnish the foundation around which many attractive decorations may be built. For the table use a plain white table cover and across it place runners made of green crepe

KANSAS is the core and kernel of the country, containing the germ of its growth and the quickening ideas essential to its perpetuity.—Ingalls.

paper and cut into shamrock leaves at the ends.

If one does not have the time to make the decorations, place cards and favors they may be purchased. If you wish suggestions for refreshments we shall be glad to have you write to us. Also we have two pamphlets "Games for All Occasions" and "Thirty-three Mixer Games" which would solve the game question for your party. They are 15 cents each. Address your order to The Amusement Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Adv.

Advantages of Calendar

As we look back over the old year, there are so many things that we wish we were sure we remembered accurately and if we knew, it would often shed light on the present situation. We resolve to keep a diary next year, but our efforts are spasmodic and soon cease.

Here is a simple kind of diary that is not a burden and is therefore more likely to be carried thru the year.

Some firms, in their enthusiasm for the new year, issue calendars with large numbers and spaces. Procure one of these and with pencil attached hang in a convenient place. Brief notations such as "First Snow" or "Sowed Oats," may be written in the space of the day they occurred. If the notation is more lengthy put some sort of symbol on date of space and write item on margin. At the end of the year the calendar may be put away in a convenient place for reference, or such items as will be of interest later may be copied in a book and the calendar destroyed.

Molly Makepeace.

Your Type and Your Hat

A strong featured woman—if she dresses to her type—may be quite handsome, even more attractive than her sister who is merely "pretty." She should be extremely careful in the apparel she chooses, however, and especially hats.

The small hat is most convenient for the protection it gives to the hair, the comfortable feeling of compactness the wearer feels in it and in the convenience it affords in the motor car or



upon the train. A small hat is not necessarily an overgrown cap without style or becomingness. It may be found in a numberless variety of shapes to suit most every type of face.

The woman with decided features, a prominent nose, a firm chin and a high forehead, should wear a hat that comes to her brows and that extends far enough in front of her face to

shade her nose. A hat may be beautiful at the front, the sides and back and still be most unbecoming if the profile is not taken into consideration.

The hat at the right shows the lines which are becoming to a woman of these features, the one at the left shows the same woman wearing a small hat of unbecoming lines.

Hallie Hayden Hershey.

No Argument

A man stepped up to Henry Ward Beecher one day and said, "Sir, I am an evolutionist, and I want to discuss the question with you. I am also an annihilationist; I believe that when I die that will be the end of me."

"Thank goodness for that!" said Mr. Beecher, as he walked off and left the man dazed.—London Blighy.

Happy Thoughts for Gray Days

BY IRENE JUDY

It was our first real winter morning. All night a fine mist had fallen, clinging and freezing to everything as it fell. Father discovered it the moment

he stepped out doors to start to his work. "Phew!" he exclaimed, "guess I had better put on my ice-creepers if I don't want to take a tumble."

Perhaps it seemed a little colder and cloudier than usual because we had been having such delightful days. Anyway, some

thing of the weather seemed to have stolen into the spirits of the friends with whom I later talked over the telephone. The first one told me what a dreary looking morning it was and how slippery were the streets. Another said the temperature was down to zero and she hadn't enough gas even to boil water; while still another said she was afraid we would hear of someone being badly hurt or maybe killed by a fall on the icy pavement.

It was therefore quite a relief to hear the cheery greetings of the friend whom I called last. "Oh, yes," she said, in response to a remark about the weather. "I had a good laugh this morning when John started to the bank and Bobbie to school. John was afraid he would fall so took to the grass, picking his steps cautiously. Bobbie, afraid he wouldn't fall, went running and sliding down the walk with a merry shout. I have just been thinking what a difference in attitudes lies between the years of 50 and 12!"

Then she continued, "Everything looks so pretty! It is as if a mighty glass blower had been at work making of every tree, post and shrub a crystal object and spreading under foot a crystal carpet. It will be simply beautiful when the sun comes out!"

You see she glimpsed the brightness beyond the cloud of the dark morning. But that is just the kind of a friend she is. Her visits are like a burst of sunshine. After my little talk with her the day lost its gloom, for I, too, was seeing a fairy world that sparkled and glistened in the sunlight as if from a million diamonds.

Kansas

Of all the states but three will live in story! Old Massachusetts with her Plymouth Rock,

And old Virginia with her noble stock, And sunny Kansas with her woes and glory; These three will live in song and oratory,

While all the others, with their idle claims, Will only be remembered as mere names.—Ironquill.

Uses for Mid Season Needles

Middy Suits Are The Most Popular Apparel For the Young Girl of School Age

BY MRS. HELEN LEE CRAIG



1542—Women's and Misses' Middy Blouse. The middy blouse is always popular. Sizes 34, 36, 38, 40 and 42 inches bust measure.

1445—Women's Dress. The long, slender lines of this design make it especially suitable for the stout woman. Sizes 36, 38, 40, 42, 44, 46, 48, and 50 inches bust measure.

1546—Women's and Misses' Dress. This dress is easy to make and attractive. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1436—Women's Dress. The two-toned dress may be a made-over dress. Sizes 36, 38, 40 and 42 inches bust.

1533—Women's Dress. Youthful simplicity is expressed in this frock with a Peter Pan collar. Sizes 36, 38, 40 and 42 inches bust measure.

1378—Women's Dress. Wide sleeves that are caught into bands at the wrist lend a charming effect to this frock. Sizes 36, 38, 40 and 42 inches bust measure.

1104—Boys' Suit. This suit has straight trousers and a sailor collar. Sizes 2, 4, 6 and 8 years.

1130—Girls' Dress. This dress has a sash which fastens to the bib front and ties in a butterfly bow. Sizes 6, 8, 10, 12 and 14 years.

1228—Girls' Dress. This little frock is made of two materials. Sizes 6, 8, 10, 12 and 14 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.—Adv.

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, homemaking, entertaining, cooking, sewing, beauty, 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.

Cleaner for Rugs

A blue fiber rug which I have been using in a bedroom is badly soiled and dull looking. What can I do for it?—Mrs. E. S.

Clean the rug with a solution of water, a little borax and white soap. Rinse in clear water to which has been added a few drops of muriatic acid. Be sure all of the dust is removed from the rug before you put any water on it.

Acknowledging Notes of Condolence

What should one say when acknowledging cards or notes of condolence?—Mrs. F. M. P.

One should use her visiting card with mourning border in envelope to match, writing these words across the top of the card: With grateful appreciation of your kind sympathy.

Brown Betty

My recipe for Brown Betty has disappeared. Have you one?—Mrs. P. O.
3 cups soft bread ¼ cup sugar
3 cups crumbs ½ tablespoon cloves
3 cups apples, chopped 3 tablespoons shortening
1 tablespoon ground cinnamon 1 cup seedless raisins

Rub a baking-dish or casserole with shortening, put a layer of apples in the bottom, sprinkle with a little sugar and the spice mixed together and cover with crumbs. Dot with 1 tablespoon of the shortening and repeat in this way until all is used, making the last layer of crumbs, which should be sprinkled with the sugar and spice mix-

ture, and dotted with the remaining shortening. Cover and bake 45 minutes in a hot oven. Serve half warm with cream, lemon or any hard sauce.

How to Cover Scuffs

Is there any way to cover scuffed places on new shoes?—Mrs. G. C. B.

A wax crayon the color of the leather will disguise scuffed places.

Where to Hang Pictures

How far from the floor should one hang her pictures?—Miss K. M.

Pictures should not, as a rule, hang more than 5½ feet from the floor. They should hang so that one's eyes will fall at a point about intermediate between the center and the top of the picture, or at about one-third its depth from the top.

Some Bulbs Will Bloom Again

Freesias, oxalis, gladioli, ixias, and all other of the tender bulbs will ripen up their bulbs well, and will grow in the pots enough to make good, strong bulbs for next year's planting. I have had many of these make better bulbs for several years. This is particularly true of freesias, callas and cyclamen. Paper white narcissus bulbs will not gain enough strength to bloom again in the house and they are not hardy enough to bloom outdoors, so they may as well be dumped as soon as they have bloomed.

Hyacinths and all the other hardy bulbs will make good bulbs for garden planting, tho they do not give very good results if grown in the house again. With all of them you can remove from the prominent windows to any warm place where there is a little light and they will finish ripening. As soon as the tops turn yellow they are ready to set away, and may remain in the pots until the next fall when they are planted as any other bulbs of the kind.
Bertha Alzada.



And when you give that party!—

DECORATIONS, costumes, party favors and entertainments are all essential. But Dennison will provide for everybody—ideas and a good time.

Imagine a book brimming with pictures and helps for giving your party. In the Gala Book you will discover hints for entertaining at St. Valentine's, St. Patrick's, Easter and the Patriotic days; also for planning personal showers, festivals, Church affairs, etc.

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OUR hatchery, located in the Missouri Ozarks, hatches BABY CHICKS from eggs laid by healthy, vigorous birds. Order your BABY CHICKS from us. 100 per cent live delivery guaranteed.

STAR CHICK HATCHERY, Westphalia, Missouri

25 Marbles Free!

The Marble season will soon be here. How would you like to have a sack of 25 Flint Agates, all different colors? Imagine yourself kneeling down to a game of "Boston" with a hand full of Marbles that would attract the eye of every boy. They will all be wanting the chance to win some of your Marbles, and the minute the game starts they will be anxious to get a shot at your Marbles first. There is not a pottery in the bunch. Each Marble has a variation of several different colors. Just the right size for accurate shooting.

SEND NO MONEY

I want every boy reader of this paper to have a sack of Marbles. Just send your name and address on a post card, and I will tell you how to get a sack of Marbles without a cent of cost. A few minutes on our liberal offer will bring you a sack of 25 Flint Agates.

M. Berry, Marble Dept. 60, Topeka, Kan.



Wonderful Resurrection Plant Free

The Resurrection Plant, Mentioned in the Bible as the "Rose of Jericho"



In Dry State



In Growing State

These rare and curious plants grow and stay green by placing them in water; will also drain soil. When taken out of water they dry and curl up and go to sleep. They will keep in this state for years and awaken directly upon being put into water. It's an interesting and pretty house plant. To grow it, simply place the whole plant in water; it will open up and begin to grow in about twenty minutes; after that simply keep the roots in water; change the water every four or five days.

OFFER This Resurrection Plant will be sent free and postpaid with a one-year's subscription to the Farmer at 25c, and 10c extra to pay for packing and postage (35c in all). Subscription may be new or renewal. CAPPER'S FARMER, TOPEKA, KAN.

Boys' and Girls' Auto FREE



Here's a Real Auto With a 5-Horse-Power Engine

This classy racer will do anything a full-sized car will do because it is built like a real automobile. It will even go where a big car can't go. For it has a narrow tread so you can drive anywhere—thru forest—up lanes—anywhere you could ride a bicycle. Yet you need not take the dust from anyone.

SEND NO MONEY

Just Your Name Don't lay down magazine until you have mailed me your name and address. By doing this you will get full information by return mail telling exactly how you can get this wonderful boys' and girls' auto without it costing you one cent. Send today—quickly. Be the first in your neighborhood to have one.

This Classy Car Can Be Yours

Just look at the happy faces in this picture. Don't they look like they were ready for a real time, perhaps off on an errand for Mother or a jaunt to the postoffice? Wouldn't you like to be with them? You can own a Culver Racer if you send me your name and follow my instructions. When I tell you this auto is to be given free—I mean free—it won't cost you one cent of your own money.

DON'T SEND A CENT All you need to do now is to dress quick. A post card will do. Hurry! If you want a free auto. BILLY BRUCE, Mgr., Dept. 403, Topeka, Kansas

MILD weather during the latter part of December and the first part of January has given farmers a good chance to get everything in readiness for their spring crops and much of the preliminary work has already been done. A spirit of optimism nearly everywhere is displacing the pessimism that was so general last year and there is a genuine basis for this change.

"Conditions," says J. R. Burrow, president of the Central National Bank and Trust Company of Topeka, "are improving gradually and everything is getting back to a sound basis. It is true however, that many of our commodities now have artificially increased values. But these will be brought back to normal in time without any serious results. We now don't have what you can call prosperity. We're just on the way back to real prosperity."

Work Well Advanced

In Kansas the weather has been dry during the greater part of January, but temperatures most of the time have been exceedingly mild. Wheat is standing the dry weather surprisingly well, but it needs moisture. In the eastern two-thirds of the state it has made some growth as a result of the abnormally mild weather. Several correspondents mention that the root growth of the plant has been especially good. Late sown wheat in the north-central counties and practically all the crop in the western third of the state makes but little showing above the ground and is in a precarious condition. There have been several days with the high winds but damage from soil blowing is not considered serious anywhere. Owing to the extreme dryness of the surface soil the alternate freezing and thawing has not resulted in any particular damage.

Plowing has made exceptionally good progress with the near-spring weather in the eastern half of the state. In the south-central counties three to five times as much plowing as usual at this time of the year has been done. Reno county reports that it is almost finished there. The remainder of the eastern half of the state reports from 25 to 50 per cent more of this work accomplished than usual at the last of January. In Western Kansas however the ground has been too dry for this work.

Local Farm Conditions

Local conditions of farm work, crops, livestock and rural markets are shown in the following special county reports from the regular correspondents of the Kansas Farmer and Mail and Breeze.

Allen—A light rain January 14, helped some, but the wheat fields are still too dry. Stock of all kinds are doing well. All the corn crop has been gathered. Feed is plentiful. A few farmers are plowing. Rural market report: Eggs, 28c; butter, 35c; potatoes, \$1; hens, 16c. Shorts and bran are high.—T. E. Whitlow.

Atchison—So far we have had but one light snow. The weather remains warm and dry. Feed is plentiful and all kinds of livestock are going thru the winter in fine condition. Wheat looks good but is badly in need of moisture. Corn shucking is finished. Nearly all the farmers are thru butchering. Very few farm sales are being held. Rural market report: Hogs, \$8; corn, 65c; wheat, \$1.18; oats, 40c; sweet potatoes, 50c; Irish potatoes, 75c; chickens, 16c; cream, 52c; eggs, 30c; butter, 45c.—Frank Lewis.

Chautauqua—Much winter plowing has been done in this county but the ground now is getting too dry to plow. Stock water is getting very scarce. Wheat is small but it has an excellent color. The weather is fine. Rural market report: flour, \$1.90; bran, \$1.50; shorts, \$1.65; butterfat, 44c; eggs, 30c.—A. E. Nance.

Cheyenne—High northwest winds recently caused some fields to blow badly. We had

Farm Conditions Better Now

Money Stringency Has Passed and the Farmer's Buying Power is Steadily Increasing

BY JOHN W. WILKINSON

A light snow January 1, but the weather now is mild. Wheat has been going to market as fast as cars were received to ship it. The rush now seems to be over and there is no longer a scarcity of cars. Cattle and other livestock are in good condition. Corn stalks and the range provide plenty of pasture. No hog cholera is reported. Public sales are few. Rural market report: Wheat, 95c; corn, 50c; hogs, \$7.30; eggs, 25c.—F. M. Hurlock.

Clay—Many farmers are plowing for oats and spring crops. There is no frost in the ground. Public sales are numerous and horses sell for very unfair prices. Many farmers are leaving the farm as the loss the last three years has been more than they could stand. Much wood is being cut by farmers. Rural market report: Wheat, 97c; corn, 65c; oats, 50c; hogs, \$7.75; butterfat, 46c; eggs, 30c.—P. R. Farslund.

Dickinson—The weather is more like March than January. No moisture has fallen since the first part of November. Wheat still is in a very satisfactory condition but with wind the soil in some fields will drift badly unless moisture is received soon. Stock is looking fine. Public sales are numerous and fair prices are being paid.—F. M. Larson.

Ellis—Much plowing is being done tho no moisture has fallen for nearly seven weeks. Oil developments are being rushed with summer-like speed. Stock is wintering in excellent order and with less feed than usual. Fewer sales than usual have been held. Very few fat cattle are ready for shipment at present.—D. W. Lockhart.

Ellis—Spring-like weather continues. At this time the prospects for a wheat crop are not encouraging. Several fruitful coyote hunts have recently been held in the northern part of the county. Rural market report: Wheat, \$1.05; corn, 70c; shorts, \$1.50 cwt.—C. F. Erbert.

Franklin—Ideal weather conditions prevail altho moisture would be beneficial to the wheat. Many farmers are plowing for spring crops. Seed oats are very scarce and some will be shipped here from Texas. This means a higher price for seed oats and in turn a smaller acreage. Stock is doing well. Eggs are more plentiful with the price at 30c.—Elmer D. Gillette.

Ford—Wheat is suffering and in parts of the county farmers have given up hopes for a crop this year. Wheat cars now are not so difficult to get and much wheat is being shipped. Some road work is being done. Stock cattle and some fat cattle recently were marketed. The weather is warm but is still dry. Rural market report: Wheat, \$1.07; corn, 65c; cream, 43c; butter, 50c; eggs, 28c.—John Zurbuchen.

Genary—Wheat is in excellent condition and furnished good pasture for cows. Corn husking is practically finished. It is unusual but only a few flakes of snow have fallen. Altho the weather is windy and dusty some days, it is exceptionally warm. All kinds of stock are doing well. Rural market report: Wheat, \$1.03; corn, 63 to 75c; eggs, 30c.—O. R. Strauss.

Gray—Wheat is in need of moisture. Fine weather continues. Usually there is a little ice in the morning but it is warm during the day. Stock is in a very satisfactory condition. No longer is there a scarcity of grain cars and the elevators are about cleared of their surplus. Ground is too dry for plowing and most winter work is well advanced. Farmers are hauling grain and feed. Rural market report: Wheat, 98c; corn, 65c; cream, 41c; eggs, 30c; hens, 16c; turkeys, 22c.—A. E. Alexander.

Greenwood—We are having very warm, dry and windy weather for this season. Rough feed is plentiful and all kinds of stock are in a very satisfactory condition. Farmers are well along with their farm work and many of them now are plowing. Rural market report: Wheat, \$1; corn and kafir, 70 to 80c; hogs, \$7.60 to \$7.75.—John H. Fox.

Kingman—We have had no snow nor rain since October. Feed would have been scarce had not the winter been so open. The weather remains exceptional. Rural market report: Prairie hay, \$5 to \$6 a ton; cane hay, \$6; alfalfa, \$10 to \$15; wheat, No. 1, \$1.07; eggs, 28c; butterfat, 43c.—J. F. Kirkpatrick.

Labette—The drought was broken by a good rain January 15. Wheat has grown remarkably well since the rain. Farmers are still plowing for corn. Public sales are being held now. The sowing of oats will begin about February 1. Many farmers are burning off bunch grass in the fields.—J. N. McLane.

Haskell—Dry, windy weather prevails. Spring sales are beginning to be held. All

stock and implements are selling at good prices; much better than at the fall sales. But little wheat remains in the farmers' hands. Practically all kafir and milo have been marketed. A carload of poultry recently was shipped from Satanta. Rural market report: Wheat, \$1; corn, 70c; maize, \$1.50 cwt; hens, 16c; butterfat, 41c; eggs, 27c.—F. A. Sovereign.

Lane—The ground is getting rather dry. Stock is doing well on grass. Roads are splendid. We have had two or three dust storms but not much damage was done. Rural market report: Butterfat, 41c; eggs, 28c; wheat, \$1.02; barley, 65c; corn, 75c; cane seed, \$2; milo maize, 80c.—S. F. Dickinson.

Lincoln—The weather is dry and windy. Wheat is in good condition yet. Much kafir now is being threshed. Corn, which was light, has all been gathered. There is plenty of feed and stock is doing fine. The pig crop is large and more calves are being raised than last year. Rural market report: Corn, 65c; wheat, \$1; eggs, 30c.—E. J. G. Wacker.

Lyon—Wheat is in good condition and stock is doing well. Farmers have their winter work well along. Roads are fine and stock feed is plentiful. The weather is clear, mild and dry. Rural market report: Wheat, \$1; corn, 68c; kafir, 85c; eggs, 30c; butter, 42c; hens, 14 to 17c.—E. R. Griffith.

Marion—The weather is ideal for almost any kind of work. Farmers are cutting wood. Nearly all of the plowing for oats has been done. Livestock is in good condition. Wheat is making a splendid growth. Rural market report: Wheat, \$1.03; yellow corn, 65c; white, 70c; eggs, 33c.—G. H. Dyck.

Marshall—We are enjoying the mildest weather known for years. Two light snows have fallen but very little moisture was derived from them. Wheat is in fine condition with enough moisture to carry it over until spring. The ground, however, is getting dry and hard on top and soil blowing is feared. Some plowing is being done as the ground is not frozen. Feed is scarce and high in price. Many cattle are being fed. Rural market report: Wheat, 93c to \$1; corn, 60 to 61c; cream, 45c; eggs, 35c; hens, 15c; springs, 13 to 15c.—C. A. Kjelberg.

Sedgwick—The weather is mild, dry and pleasant. Wheat looks favorable and is being pastured. Times are quiet among the farmers and not many sales are being held. Some road work is being done. Feed is not plentiful and is advancing in price. Livestock is doing well.—F. E. Wickham.

Stafford—The weather continues dry and exceptionally warm for this time of the year. All kinds of stock are doing well and but few losses have been reported. Grain cars are no longer scarce. Considerable wheat is going to market. Corn husking is about finished. Rural market report: Wheat, 98c; corn, 62c.—H. A. Kachelman.

Sumner—This January we are having the finest of weather. So far there has been very little snow. Wheat is looking fine. It makes excellent pasture for stock. All kinds of livestock are doing well. As the ground is in fine condition, plowing for oats is in progress. Rural market report: Wheat, 98c; corn, 80c; oats, 45c; butterfat, 45c; eggs, 30c.—E. L. Stocking.

Wabunsee—Cattle and hogs are doing well and the dry warm weather which continues has been very helpful to farmers who were scarce on feed. Wheat is in a very satisfactory condition. If the warm weather keeps up the fruit trees will bud. Rural market report: Eggs, 28c; wheat, \$1.—G. W. Hartner.

Woodson—Stock water is getting scarce and wheat is needing moisture. We have had no rain nor snow since November 10. The weather is of the finest kind. Grass covered land has sufficient moisture and plowing is progressing thruout the county. Hay still is going to market on splendid roads. There are yet no public sales being held worth mentioning.—E. F. Opperman.

Anderson—Many farmers are plowing and disking for oats. It is very dry here and stock water is getting scarce. The weather is very pleasant, however. Stock is in excellent condition. A few satisfactory sales are being held. There seems to be much more interest now in farm organizations. Rural market report: Eggs, 24c; butterfat, 50c; corn, 70c; kafir, 75c bu.; wild hay, \$5 to \$6; alfalfa, \$10 to \$11.—J. W. Hendrix.

Cloud—Very little damage has been done by wind. Farmers are busy cutting wood. County agent, Yost, is organizing poultry clubs thruout the county. Poultry is doing better but eggs are still scarce and high.

Cows are coming fresh but are not doing so well. Other livestock is doing well as the weather is fine. Wheat needs moisture. Tenant farmers are beginning to move for next season.—W. H. Plumly.

Reno—Wheat is short but looks green and with plenty of moisture should make a good crop. Moisture is needed now but farmers still are plowing and breaking up alfalfa fields. Many cattle and but few hogs are on feed. Stock of all kinds are doing well. Rural market report: Wheat, \$1; corn, 65c; oats, 50c.—James Fraser.

Colorado Crop Report

Lincoln—The weather has been ideal for the last month and range cattle are in excellent condition. Nevertheless feed seems scarce and sells for high prices. Due to the absence of snow or rain and to high winds the condition of small grain is not encouraging. The local market remains unchanged except hogs which have advanced slightly. Rural market report: Wheat, 90c; rye, 65c; corn, 55c; barley, 55c; oats, 40c; alfalfa, \$16; prairie hay, \$10 to \$12; eggs, 30c; cream, 43c.—Burton Rice.

Livestock Show at Denver

BY J. W. JOHNSON

The 17th annual National Western Livestock Show at Denver last week was in very many respects the best show ever held in Denver. The attendance was good and while some of the breeds were not represented by as large numbers as in former years the improvement in quality was very noticeable. Three hundred Herefords as against 250 last year were exhibited by 40 breeders.

About 150 Shorthorns were exhibited by 20 breeders. Seven breeders of Milking Shorthorns exhibited 50 cattle. In the dairy division 94 Holsteins were exhibited by 15 Colorado breeders. There were also small exhibits of Jerseys and Guernseys. In the swine division there were more exhibits and more real interest shown than ever before in the history of the Western National Livestock Show.

The Hampshires had the best of it and 143 breeding hogs and 63 fat barrows comprised 52 per cent of the swine show. In the Poland China division there were 131 head of breeding hogs and 48 barrows. There were 123 Duroc Jerseys in the breeding classes and 27 in the fat classes.

In the draft horse division the exhibits were fewer and lighter than for a good many years. T. B. Bowman, Boone, Neb., and Singmaster & Son, of Keota, Ia., were the principal exhibitors. In the sheep division the Kansas State Agricultural College cleaned up and were the principal exhibitors in all the classes. Dan Casement, Manhattan, Kan., was awarded grand championship on his car load of Hereford fat cattle and Carl Miller of Belvue, Kan., won 2nd on a car load of Hereford bull calves.

Goernandt Brothers, of Aurora, Kan., exhibited Pooled Herefords and were in the money several times in the open classes. Foster Farms of Rexford, and Matthews & Son of Kinsley were other Kansas exhibitors of Herefords.

Hundreds of cars of feeders and fat cattle were exhibited and sold in Denver during the week.

The sale of Shorthorn breeding cattle was held in the judging pavilion Wednesday morning and the general average on 40 head was \$175. The 20 females averaged \$200, and 20 bulls averaged \$150. The top female sold for \$400 and the top bull for \$425.

Breeders' banquets, association meetings, the big horse show and many other features kept the big crowd busy every day and part of every night. The hotels were full and overflowing but Denver always takes care of its big annual show. The weather was ideal and that added much to the enjoyment of the big crowd.



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Chinese Good Luck Ring

Are you lucky? If not, get a Good Luck Ring. This mystic Chinese symbol of good luck, health, long life, happiness and prosperity has been looked upon with the deepest reverence by the Chinese for centuries. Oriental superstition, of course, is not accepted as fact, but thousands of wearers believe this ring brings them good luck. It is odd, attractive, beautiful, made of solid sterling silver, and worn by rich and poor. Every man, woman, boy or girl should have one. It is the fad of the hour the country over.

Send No Money! We are going to give away thousands of these Chinese Good Luck Rings FREE and POSTPAID. Be the first in your locality to have one—just send me your name and address and I will send you postpaid four packages of high grade postcards in Holiday, Best Wishes, Greetings and other designs to give away free on our big liberal 25c offer. A couple of hours' easy work among your closest friends brings this Good Luck Ring to you. Write today. A postcard will do. Just say, "I want a Chinese Good Luck Ring." Give size of ring you wear.

GOOD LUCK RING, Dept. 53, Topeka, Kansas

There is nothing like passing a good thing along, so as soon as you have read Kansas Farmer and Mail and Breeze, pass it along to your neighbor.



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WHITE LA FRANCE, or AUGUSTINE GUINOISSEAU—Beautiful light fawn color, almost white; rightly described as an almost white La France. Extra fine.

PRESIDENT TAFT—It is without question the most remarkable of all pink roses. It has a shining, intense, deep pink color possessed by no other rose.

LADY HILLINGDON—Pointed bud of brilliant deep golden-yellow. Awarded gold medal, N. R. S.

CLIMBING HELEN GOULD—No rose has held its place so long in the hearts of Rose lovers for so long a period as has the beautiful Helen Gould. Everybody is familiar with the warm watermelon-red color of its charming flowers. This is a grand climber.

RED LETTER DAY—An exceedingly beautiful Rose of infinite grace and charm. Its velvety, brilliant, glowing scarlet-crimson buds and fully opened cactus-like flowers never fade, as the reflex of the petals is satiny crimson-scarlet.

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We will send you this splendid selection of five beautiful Roses, and guarantee safe delivery. The collection will be sent direct to you from our Nursery, free and postpaid with an 18-month subscription to Capper's Farmer at 50c. Subscription may be new or renewal.

CAPPER'S FARMER

Rose Dept., Topeka, Kan.

Kansas-Missouri Cow Race

Dairymen in Two States Compete for Many Valuable Cash Prizes

BY J. H. FRANDSEN

FOR the coming year a contest is announced in which the dairymen of Kansas are pitted against the dairymen of Western Missouri to see who can do the most for the improvement of their dairy herds thru cow testing work in co-operation with their respective state colleges of agriculture.

The Kansas City Chamber of Commerce has offered \$1,000 in prizes to those counties completing the most yearly records in cow testing associations between January 1, 1923, and August 31, 1924. This money will be divided into four purses with \$500 for a first prize, \$250 for a second prize, \$150, third, and \$100, fourth. The prize money will go to the farm bureau, or in counties where there is no farm bureau, to the cow testing associations.

This contest will be under the supervision of J. B. Fitch and C. R. Gearhardt of the dairy department of the Kansas State Agricultural College at Manhattan, George Catts of the Kansas City Chamber of Commerce, P. H. Ross and E. M. Harmon of the

to be appointed by the director of extension, Missouri College of Agriculture, two by the director of extension, Kansas State Agricultural College, and one by the Chamber of Commerce of Kansas City. This committee will elect its own chairman. Its decision will be final.

7—A copy of the monthly report made by each cow testing association to its agricultural college shall be forwarded to the Kansas City Chamber of Commerce on or before the tenth day of each month. Completed reports on each cow to be counted in this contest shall be submitted to the agricultural extension service in the state in which the cow is entered, on or before September 30, 1923.

Some Good Poultry Devices

BY FRANK A. MECKEL

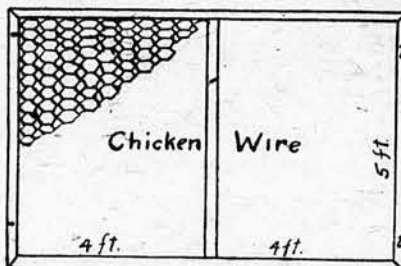
WE BELIEVE that readers of The Kansas Farmer and Mail and Breeze will be interested in some of the devices given here for the poultry yard which we have received from various contributors.

We regret that we are unable to make use of all the devices which were submitted to us at this time, but we hope to follow up these with others in a later issue of the Kansas Farmer and Mail and Breeze.

Portable Chicken Yards

Often it is desirable to move small pens around the yard as the chicks grow or when they should be moved into the shade.

For this purpose a fence which is portable and which is still secure has been devised. It is made up of panels of chicken wire mounted on frames. The frames are 5 feet or less in height



and from 6 to 8 feet long. A brace thru the center of the panel strengthens it.

At one end, two common screen door hooks are placed and at the other end, two hook-eyes. Three or four of these panels may be set up to make a triangular or a square chicken yard in which the small chicks can run at will. It can be set up or taken down in a minute and moved into the shade or into the sunlight at will. When not in use, it can be disassembled and the panels stored away in a shed.

Brood Coop for Cool Weather

Cool and rainy days little chicks rebel against remaining in a dark, uncomfortable coop, so we always have a few well lighted ones for the early chicks to roost in. These have a window near the roof, for we know from experience that the little fellows will crowd against the glass and chill themselves if the window is too near the floor.

A good floor is put in the coop, and ventilation is afforded by auger holes near the top. The board door is replaced by a screen one later in the season. We used some discarded cellar window sash for our coops.

Mrs. C. B. Smith.

Matfield Green, Kan.

Had Bumper Crops When Neighbors' Fields Dried Up

"I planted all crops on Natural Schedule; had fine yield while neighbors' crops burned up," writes Ora Marsh, of Chilton, Mo. Hundreds are as enthusiastic. Nature Schedule never fails to produce bumper crops and better livestock and poultry. Free particulars. Write Dr. Immel, 15D Central Bldg., Kansas City, Mo.—Adv.

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Runs so easily, bowl spins 25 minutes after you stop cranking unless you apply brake. No other separator needs a brake. Bowl chamber is porcelain lined.

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(enough for 85 to 100 pigs) one set to a customer.
Figure serum and virus 1 1/4 cts. per cc; \$39.40 will get 3,000 cc's hog serum, 150 cc's virus, two syringes and instruction book.



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We believe that every advertisement in this department is reliable and exercises the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

Special Notice All advertising copy discontinuance or change of copy intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

AGENTS WANTED: USE FRENCH FLOW Points. No welding. Farmer puts them on. County agents wanted. A. H. Chapman, 1333 Cherokee St., Denver, Colo.

WE PAY \$200 MONTHLY SALARY, FURNISH rig and expenses to introduce our guaranteed poultry and stock powders. Bigler Company, X671, Springfield, Ill.

BIG PROFITS WITH EXCLUSIVE TERRITORY—\$50 to \$100 weekly easy. More has been made repeatedly in one day's work. Wonderful invention delights householders. Automatic hot and cold water bath outfit without plumbing, only \$7.50. Eager buyers everywhere. Send no money. Terms. Write today. Allen Manufacturing Co., 697 Allen Bldg., Toledo, Ohio.

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WE WANT AT ONCE A RELIABLE MAN or woman in each town in Kansas to look after new and renewal subscriptions for the Capper Publications. Work either full time or part time. If you are now doing house to house soliciting, take our work on as a side line and increase your income materially. For full particulars write at once to Desk 206, Capper Bldg., Topeka, Kansas.

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PATENTS BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

INVENTORS WRITE FOR OUR ILLU-strated book and record of invention blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 325 Ninth, Washington, D. C.

PATENTS—BEFORE SUBMITTING IN-vention, write for information concerning procedure, cost, and ability of attorney. These promptly furnished. References to clients in your state. B. P. Fishburne, Registered Patent Lawyer, 381 McGill Bldg., Washington, D. C.

MILLIONS SPENT ANNUALLY FOR ideas! Hundreds now wanted. Patent yours and profit. Write today for free books—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. Patent Dept. 402, American Industries, Inc., Washington, D. C.

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SEEDS WANTED—WE BUY CAR LOTS OR less. Alfalfa, clovers, cane, millet, Sudan. Send samples for bids. Ed F. Mangelsdorf & Bros., Wholesale Field Seeds, St. Louis, Mo.

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BIG CAPACITY, NEARLY NEW SAND-wich hay baler, \$250. Jacob Friesen, Box 575, Meade, Kan.

NEARLY NEW FORD TRUCK WITH pneumatic tires, cab and grain box, \$400. A. C. Dodd, Linn, Kan.

TWIN CITY 40x65, GOOD CONDITION, handles 12 foot grader nicely. Geo. D. Whiting, Mount Hope, Kan.

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FOR THE TABLE

PEANUTS—10 QTS. \$1.00, POSTAGE PAID. W. A. Morrison, Hagerman, Texas.

5 1/2 POUNDS FULIN CREAM CHEESE \$1.65 Postpaid in Kansas. Roy C. Paul, Moran, Kan.

COLORADO PINTO BEANS SPLIT IN thrashing and re-cleaned, per 100 pound sack \$3.25. Jackson's Seed House, Woodward, Okla.

"BREAK-FOOD"—WHEAT FOOD WITH bran and germ left in. Not sterilized therefore natural flavor. Delicious, healthful, economical. "Wheat-Mids"—breakfast food, delicious, appetizing, economical. Natural flavor (not sterilized). Both made fresh as ordered. 10 lbs. of either food \$1.00 (or, to introduce, 5 lbs. of each, one address, \$1.00). Postpaid to all points in Kansas, Oklahoma, Missouri, Colorado (east of Rockies). Remittance with order. Attica Cereal Company, Attica, Kansas.

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TOBACCO—KENTUCKY'S PRIDE, RICH, mellow chewing, ten pounds \$3; smoking, ten pounds \$2; twenty pounds \$3.50. Farmers' Club, Mayfield, Ky.

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SHAWNEE WHITE SEED CORN. J. A. Ostrand, Elmont, Kan.

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CHOICE CANE AND KAFIR SEED FOR sale. R. L. Lundy, Cambridge, Kan.

STRAWBERRY PLANTS \$3.00 PER 1,000. List free. J. Sterling, Judsonia, Ark.

SEED SWEET POTATOES, 16 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

KANOTA OATS, PURE INSECTED SEED, \$1.00 sacked. Vernon Nichols, Mankato, Kan.

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GOLDMINE SEED CORN, \$2.00 PER BUSH-el. Samples free. J. F. Feigley, Enterprise, Kan.

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HUBAM: ANNUAL WHITE SWEET CLO-ver seed. Price \$12.00 bushel. C. W. Works, Humboldt, Kan.

COWPEAS FOR SALE: NEW ERA, Whippoorwill, \$3.50 per bu. F. O. B. E. F. Jennings, Hunkpeller, Kan.

WHITE SWEET CLOVER SEED: RE-cleaned, hulled, \$6.00 bushel. Sacks extra. Gammell Bros., Council Grove, Kan.

DO YOU NEED PASTURE? SWEET CLO-ver, permanent, nutritious, heavy yielding, cheap. Information. John Lewis, Virgil, Kan.

FOR SALE: CHOICE KAFIR SEED, Blackhull, Pink, Sunrise \$2.25 bu. 100 bushel lots \$2.00 bu. L. C. Walbridge, Russell, Kan.

KANOTA OATS \$1.25; PRIDE OF SALINE, Freed's White Dwarf, Kansas Sunflower corn \$2.00; Blackhull Kafir, \$1.75. Bruce S. Wilson, Keata, Kan.

CANE SEED WANTED. WRITE QUAN-tity, kind and price. Will look at 600 bushel or more in field. The L. C. Adam Merc. Co., Cedarvale, Kan.

WANTED—SWEET CLOVER DIRECT from farmers. Anywhere from a bushel to carload lots. Top prices. Cash with order. Address Box 42, Hilltop, Kan.

FOR SALE: ALFALFA, RED CLOVER, White Blossom Sweet Clover, Sudan grass. Full line of field seeds. Get our prices and samples. Standard Seed Co., Kansas City, Mo.

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QUALITY TREES AND PURE SEEDS FOR spring planting. Our trees are thrifty, whole rooted, free from disease, and priced at reduced wholesale prices. Northern grown quality seeds that grow and satisfy. Send today for our catalogue and price lists which are full of valuable information to the planter. Wichita Nurseries and Seed House, Box B, Wichita, Kan.

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STRAYED NOTICE

TAKEN UP BY JULIUS HEPTIG OF POT-tawatomie County, Kan., on January 2, 1922, 1 red steer calf about 6 months old, no marks or brands. J. B. Claywell, County Clerk, Westmoreland, Kan.

TAKEN UP BY W. H. MCANINCH OF Blue/township, Pottawatomie county, Kan., on December 26, 1922, one Red Duroc Jersey sow, weight about 250 pounds, undercut in left ear. Mrs. J. B. Claywell, County Clerk, Pottawatomie county, Westmoreland, Kan.

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CONTAGIOUS ABORTION PREVENTED. R. Harold, 1006 Houston Street, Manhattan, Kan.

PHONOGRAPH RECORDS AND PLAYER piano rolls exchanged. Trade old for new. Stamp brings catalog. Fuller, Wichita, Kan.

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ANCONA COCKERELS FROM PRIZE WIN-ning stock. Mrs. LeChien, Melvern, Kan.

SINGLE COMB DARK ANCONA COCKER-els, \$1.50 up. Nelson Bros., Waterville, Kan.

GIES STRAIN LARGE ANCONA COCK-erels, \$2 and \$3. Mrs. Helen Lill, Mt. Hope, Kan.

ANCONA COCKERELS \$1.00 EACH. SAT-isfaction guaranteed. Howard Macy, Osborne, Kan.

SHEPARD STRAIN ANCONA COCKER-els, Bantams, \$2.00 each. Ray Springer, Stockdale, Kan.

SHEPARD STRAIN S. C. MOTTLED AN-cona cockerels, \$1.00. Leroy Wilkinson, Washington, Kan.

QUALITY SINGLE COMB ANCONA COCK-erels, prize winning stock, \$1.50 up. Henry Lohse, Bremen, Kan.

SINGLE COMB ANCONA HATCHING eggs, \$1.00-15; \$6.00-100, postpaid. Lucerne Poultry Ranch, Wiley, Colo.

EXTRA GOOD DARK ANCONA COCK-erels \$1.00 up. Satisfaction guaranteed. Julia Ditto, Newton, Kan., Route 7.

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ANCONAS, SHEPARD STRAIN, SINGLE comb. Also Tormohlen strain Single Comb Dark Brown Leghorns, eggs, baby chicks. Bessie Buchele, Cedarvale, Kan.

SINGLE COMB ANCONAS, SHEPARD direct foundation. Choice range flock. Chicks 100-\$16.00; eggs 100-\$6.00. Prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

ANCONA EGGS, TWO CHOICE PENS, \$2 setting, \$5 for 32 prepaid. Range flock, eggs \$8 hundred, two hundred \$16, five hundred \$35, prepaid. Sadie Miller, Meriden, Kan.

LINGERLONGER ANCONAS WON THREE firsts, best display, four loving cups, Heart of America, 1923. Ahead of all Anconas in National Egg-laying contest. Husky cockerels to improve your flock for eggs. Strong chicks. Eggs. Catalog. Lingerlonger Farms, Box K, Weaubleau, Mo.

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ANCONAS—SHEPARD'S 311 EGG STRAIN. Eggs 100-\$6. Nina Bastman, Buffalo, Kan.

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BLUE ANDALUSIAN COCKERELS, \$2.00 each. Mrs. T. V. Bennett, Halls Summit, Kan.

CHOICE BLUE ANDALUSIAN COCKER-els, \$2.00 each. Ida Hopkins, White City, Kans.

PURE BRED BLUE ANDALUSIANS: HENS \$1.00, roosters \$2.00. Daisy Gilges, Norwich, Kan.

BLUE ANDALUSIAN EGGS, \$1.50; \$3.00 per 100. State certified. Chas. C. Miller, White City, Kan.

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LIGHT BRAHMA COCKERELS. ROBERT Moseley, Wamego, Kan.
 PURE BRED LIGHT BRAHMA COCKERELS \$2.50. Joe Wecker, Emporia, Kan.
 LIGHT BRAHMA COCKERELS \$2.50 EACH. Mrs. Albert Appel, Rt. 1, Bushton, Kan.
 LIGHT BRAHMA COCKS, COCKERELS, \$3.00 each. Mrs. Ira White, St. Paul, Kan.
 CLOSING OUT LIGHT BRAHMAS, COCKERELS and pullets. J. A. Corkill, Goodland, Kan.

BANTAMS

BUFF COCHIN BANTAM HENS, PULLETS and cockerels \$1.00 each. Doris Woodside, Morrison, Okla.

BABY CHICKS

BEST BABY CHICKS; ANY KIND. C. F. Althaus, Bucklin, Kan.

BABY CHICKS: HIGH GRADE REDS, bred to lay. Myrtle Kraus, Eskridge, Kan.
 BABY CHICKS, LEADING VARIETIES, booking orders now. Clavin's Hatchery, Jewell, Kan.

QUALITY CHICKS, TEN VARIETIES, \$9 to \$14 per hundred. Jenkins Poultry Farm, Jewell, Kan.

QUALITY CHICKS: GET THE BEST; CERTIFIED stock. Young's Hatchery, Box 1013, Wakefield, Kan.

ALL LEADING VARIETIES: WRITE FOR prices and breed. Sylvan Grove Hatchery, Sylvan Grove, Kan.

BABY CHICKS, THIRTEEN VARIETIES. Send for illustrated catalogue. Smiley's Hatchery, Seward, Neb.

ANCONA CHICKS, REAL YEAR ROUND layers. Also other varieties. Carl Shultz, Route 1, Abilene, Kan.

PURE BRED BABY CHICKS, EIGHT leading varieties. Write for prices. H. L. Machin, Wamego, Kan.

EGGBRED CERTIFIED SINGLE COMB White Leghorn chicks 15c, prepaid. Mabel Young, Wakefield, Kan.

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ROSE COMB; SINGLE COMB RHODE ISLAND and Red cockerels, \$1.50, \$2.00. Choice setting eggs. Robert Roediger, Arnold, Kan.

SINGLE COMB RHODE ISLAND RED COCKERELS—extra good; dark red. Guaranteed. \$3, \$5.00. A. Bozarth, Liberal, Kan.

LARGE DARK ROSE COMB RHODE ISLAND Red cockerels, trapnested, \$2.50, \$3.00, \$4.00. Mrs. Guy Hall, Utopia, Kan.

HATCHING EGGS FROM TWO SELECT pens Rose Comb Reds. Mating list free. My birds win. D. O. Garman, Lucas, Kan.

ON APPROVAL: ROSE COMB RED COCKERELS. Shape, size, color. From pen matings. \$4.50, \$5.50, \$6.00. E. G. Rowland, Peabody, Kan.

QUALITY ROSE COMB RED COCKERELS, sired by pedigreed birds, 283-296 egg record, \$2.50, \$3.00, \$4.00. Myrtle Wilcox, Clyde, Kan.

SINGLE COMB RHODE ISLAND RED COCKERELS. Well built; high production; \$3.00 to \$5.00. Theodore Lorimer, Sterling, Kan.

SINGLE COMB RED COCKERELS \$3, \$4 and \$5. Pullets \$2 and \$3. Ricksecker strain. George Weirauch, Pawnee Rock, Kan.

ROSE COMB RHODE ISLAND REDS; cockerels, pullets, eggs and baby chicks from 300 egg strain. Isaac Smith, Alden, Kan.

MY ROSE COMB REDS WON FIRST PEN state show three years straight. Cockerels \$3.00 to \$7.50. Morris Roberts, Holington, Kan.

COCKERELS—SINGLE COMB REDS. A few choice breeders left, \$3.00 and up. Boyd & Graham, 1928 Boiles Avenue, Topeka, Kan.

LARGE SINGLE COMB RHODE ISLAND Red cockerels, \$2.00. Eggs for hatching, \$4.00 per hundred. Bert Schwartz, Concordia, Kan.

PURE, DARK RED ROSE COMB COCKERELS, sired by males from 300 egg hen, \$3.00 and \$6.00 each. Adda Walker, White City, Kan.

ROSE COMB COCKERELS, EVEN RED, long back, from heavy laying strain, \$2.50 and \$3.50; six for \$12 and \$18. G. H. Meier, Alma, Kan.

SOME ESPECIALLY FINE SINGLE COMB Red cockerels hatched from carefully mated pens, \$2.50. Mrs. Sophia Lindgren, Dwight, Kan.

SINGLE COMB RED COCKERELS—PULLETS, from select mating. Dark red color, early hatched, Hoganized. Emery Small, Wilson, Kan.

FIRE FLIES; REAL REDS; BOTH COMBS. Big healthy fellows shipped on approval. Reasonable. Write me your wants. Harley Staack, Emporia, Kan.

STANDARD DARK REDS, EITHER COMB, yearling cocks, cockerels, pullets; two to ten dollars. Eggs, mated pens. Chas. Doering, Burlington, Colo.

ROUND'S S. C. R. I. REDS, BRED FOR color, type and egg production. Stock and eggs you can depend upon. H. E. Round, 928-A-East, Hutchinson, Kan.

SUGAR VALLEY REDS, SINGLE COMB standard bred eggs, \$7.50; chicks \$17.50 per hundred. Satisfaction guaranteed. Mabel Harriman, Mound City, Kan.

HARRISON'S IMPROVED STANDARD bred Reds. Either comb. Cockerels, eggs, and chicks. Get Red Breeders' Bulletin. Harrison Red Farms, College View, Neb.

R. C. DARK RED COCKERELS, EGG laying strain. Stock obtained from Berry Golden Rule Poultry Farm, Iowa. \$4.00, \$5.00. Mrs. J. J. Shook, Hamilton, Kan., Rt. 2.

LARGE DARK EVEN COLOR SINGLE Comb R. I. Red cockerels, selected Hogan tested panned stock. Choice birds \$3.00-\$5.00. Guaranteed. Mrs. Frank Melcher, Seneca, Kan.

RHODE ISLAND REDS, LONGFIELD strain, large dark red. Cockerels 3 to 5 dollars; pullets \$1.50. Eggs and baby chicks in season. A. R. Hoffman, Haddam, Kan.

BRED TO LAY S. C. REDS, FINE LARGE hardy cockerels, hen hatched, free range, heaviest winter layers. \$2.00 to \$3.00. Satisfaction guaranteed. Belmont Farm, Topeka, Kan.

DEEP BRILLIANT ROSE COMB RED COCKERELS, Large bone, long broad backs. From trapnested hens. Heavy egg laying strain, \$5.00. Mrs. James Gammell, Council Grove, Kan.

S. C. R. I. R. COCKERELS, HOGANIZED. Ellis & Ricksecker strain. Deep red, big bone, high egg type. \$2, \$3, \$5. Guaranteed breeders. Mrs. Geo. W. Wharton, Agendia, Kan.

COCKERELS FROM ROSE COMB RED. Hogan tested, heavy winter layers, mated to males from Pierce's 300 egg hens, \$3.00, chicks 16c postpaid. Mrs. Alex. Leitch, Parkerville, Kan.

RHODE ISLAND REDS, ROSE AND Single Combs. Big winners Heart of America, Kansas State shows. Cockerels and eggs for sale. Free mating list. T. N. Marshall, Lacygne, Kan.

SINGLE AND ROSE COMB REDS FROM Madison Square winners, 298 egg record. Standard bred whites, 298 egg record. Stock and eggs in season. L. E. Cyr, Rhode Island Specialist, Clyde, Kan.

SINGLE COMB RED COCKERELS, BRED from Kansas City first prize winners. Large, dark, from heavy layers, \$3.00 and \$5.00 each. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

ROSE COMB REDS, 3 PENS, LONG BACK, dark red, Harrison strain of College View, Neb. Good layers. Settings \$6.00; \$4.50; \$3.00. Baby chicks 25c each. Cockerels 10 weeks old \$2.00 each. Ethel Causey, Zenda, Kan.

STANDARD PURE BRED ROSE COMB Reds. Winners Kansas City, Topeka, Hutchinson, other shows. Large boned, dark red, from selected, bred-to-lay, heavy producing strain. Cockerels, \$3.50, \$5, up. Pen pullets, \$5 up. Eggs, 15, \$2.25; 50, \$5.50; 100, \$10. Postpaid. Satisfaction guaranteed. Mrs. G. H. Lowder, Waverly, Kan.

Please cut out hen turkey ad as they are all sold.—J. D.

RHODE ISLAND EGGS

ROSE COMB REDS, PRIZE WINNERS, winter layers. Eggs \$1.50 per 15. C. Perlee, Holton, Kan.

PURE BRED R. C. R. I. eggs, \$4.50 per 100. Large orders filled promptly. Jerry West, Route 3, Colony, Kan.

300 EGG STRAIN ROSE COMB RED EGGS. First pen \$3-15; second pen \$2; pullets \$2, \$3. Maud Smith, Alden, Kan.

ROSE COMB RHODE ISLAND RED EGGS pure bred, \$5.00-100; \$3.00-50; \$1.00-15. Mrs. Joseph Jenkins, Osage City, Kan.

SINGLE COMB REDS; PULLETS Sired by \$750 bird. Eggs all season from this fine mating. Sol Banbury, Pratt, Kan.

SINGLE COMB RED EGGS, HEART OF America, American Royal, State Show winners, \$7.50 and \$5.00 setting. Fred Keim, Seneca, Kan.

HOGANIZED 300 EGG STRAIN, S. C. R. I. Reds. Eggs \$5.00 per hundred; \$1.25 per fifteen. Gathering 35 doz. per week now from 100 hens. Gertrude R. Huston, Emmett, Kan.

ROSE COMB REDS, HEAVY LAYING strain. All breeding stock related to my hen No. 10 which laid 323 in trap nest last year. Pen of 6 pullets averaged 273½ eggs. The big, long back kind. Eggs \$10 per 100. N. A. Unruh, Galva, Kan.

TURKEYS

BRONZE TOM, EXTRA FINE \$20.00. Mrs. Elmer Caywood, Raymond, Kan.

WELL MARKED 20 TO 25 LB. BOURBON Toms. Leo Dally, Haviland, Kan.

GOLDBANK BRONZE TOMS \$10; HENS \$8. Berta McReynolds, Hazelton, Kan.

LARGE BONE, PURE BOURBON TOMS, \$8 and \$10. Sadie Struthers, Rozel, Kan.

MAMMOTH BRONZE TOMS \$10 to \$20; hens \$5 to \$12. Mabelle Collett, Liberal, Kan.

BOURBON RED TOMS, \$10; Hens \$7. Can give non-related pair. Carrie Yapp, Jewell, Kan.

BOURBON RED TURKEYS; TOMS, \$9; hens, \$6. Mrs. Zannie Boileau, Ellsworth, Kan.

PURE BRED BOURBON RED TURKEY hens \$6.00. Mrs. K. McDonald, Hartford, Kan.

GOLDBANK MAMMOTH BRONZE TURKEYS, Toms \$12.00 each. Ora Yapp, Esbon, Kan.

PURE BRED MAMMOTH BRONZE TOMS \$10.00; hens \$5.00. Daisy Gilges, Norwich, Kan.

PURE BRED MAMMOTH BRONZE TOMS for sale. Mrs. Leroy Fisher, Peabody, Kan.

LARGE BOURBON RED TOMS, QUICK sale \$8.00. O. L. Naughton, Hazelton, Kan.

GOLDBANK BRONZE TURKEY TOMS, farmers prices. Ralph Ely, Mullinville, Kan.

PURE BRED BOURBON RED TOMS, MAY hatched, \$8.00. Mrs. F. E. Tonn, Haven, Kan.

PURE BRED MAMMOTH BRONZE, TOMS \$10.00, old one \$15.00. Jack Ryan, Hugoton, Kan.

PURE BRED NARRAGANSETT TOMS, \$10.00; hens, \$7.00. Long Hill Farm, Burdett, Kan.

GOLD BANK BRONZE TURKEY TOMS, \$12, \$15. Eggs 75c each. E. Gaughan, Earleton, Kan.

PURE BRED GIANT BRONZE TURKEYS, Goldbank strain. Clarence Plowman, Trousdale, Kan.

BETTER BRONZE TURKEYS—MONEY back guarantee. Descriptive folder. Mrs. Darg, Lakin, Kan.

FINE PURE BRED BOURBON RED TURKEYS, Hens \$6.00, toms \$3.00. Frank Drake, Rozel, Kan.

ONE DOZEN FINE EARLY MAMMOTH Bronze Toms, \$3 each. Mrs. Jack Dunham, Ashland, Kan.

PURE WHITE HOLLAND TURKEYS; Toms \$8.00; hens \$6.00. Mrs. Herbert Rhodes, Clifton, Kan.

PURE BOURBON RED TURKEYS, WELL marked toms \$8.00 and \$10.00. Ethel Dugan, Bucklin, Kan.

MAMMOTH BRONZE, SITE GRANDSON of a \$250. Tom \$12.50 to \$20. E. M. McArthur, Walton, Kan.

MAMMOTH GOLDBANK BRONZE, WHITE Hollands, Bourbon Reds; \$6, \$9, \$10. E. V. Eller, Dunlap, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS sent on approval. Mrs. M. E. Kavanaugh, Belleville, Kan.

PURE GOLDBANK STRAIN MAMMOTH big bone toms, \$

TURKEYS

MAMMOTH BRONZE TOMS \$12.00. GEO. Lindstedt, Marquette, Kan.

MAMMOTH BRONZE TOM TURKEYS, \$8. D. W. Lynch, Argonia, Kan.

PURE BRED BOURBON RED TOMS \$10. Walter Passmore, Hollis, Kan.

PURE BOURBON RED TURKEY TOMS, \$8.00. Geo. Rhorer, Lewis, Kan.

MAMMOTH BRONZE TURKEY TOMS, \$10. V. H. Cooper, Jamestown, Kan.

MAMMOTH BRONZE TURKEY HENS \$7. Clinton DeBusk, Macksville, Kan.

PURE MAMMOTH BRONZE TOMS \$10.00. Mrs. Roy Ellis, Coldwater, Kan.

LARGE PURE BRED NARRAGANSETT TOMS \$12. Ira Sheets, Tescott, Kan.

GOLDBANK STRAIN BRONZE TOMS \$15. Mr. Win. Kazmaier, Garfield, Kan.

PURE BRED BRONZE TOMS, \$10.00; \$15.00. Will Burton, Fowler, Kan.

CHOICE MAMMOTH BRONZE TOMS \$10. Mrs. Bertha Buess, Dodge City, Kan.

PURE NARRAGANSETT TURKEY TOMS \$10.00. Nora Harvey, Saffordville, Kan.

BRONZE TURKEY TOMS \$10.00 EACH. Mrs. Walter Pore, Rt. 3, Eldorado, Kan.

PURE BRED BOURBON RED TOMS, \$9 and \$10. M. E. Noonan, Greenleaf, Kan.

PURE NARRAGANSETT TURKEYS: TOMS \$10.00. J. E. Mitchem, Stonington, Colo.

MAMMOTH BRONZE TOMS FOR SALE, \$8 to \$15 each. Viola Steele, Cimarron, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS: pullets \$6, Toms \$9. Average weight 17-28 lbs. Mrs. C. W. Parks, Eureka, Kan.

FINE BIG BOURBON RED TURKEYS. Well marked and healthy. Limited number. Order now. Rena Gilchrist, Peabody, Kan.

PURE NARRAGANSETT TOMS, \$9.00 IF taken soon. Mary Pivonka, Rush Center, Kan.

PURE BRED NARRAGANSETT TOMS. Large boned, well marked. Price \$10.00. Mrs. Lydia Ecton, Route 2, Lamar, Colo.

PURE BRED GOLDEN BRONZE TOMS, 28-30 lbs., \$15.00. Sired by 40-lb. tom and 20-lb. hen. Mrs. Fred Walter, Wallace, Neb.

MAMMOTH BRONZE TURKEYS FROM 40 lb. tom and 22 lb. hens. Goldbank strain. Toms \$12.00. Frank Wiegand, Inman, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS: toms \$10.00, \$12.00. Guaranteed breeders. Mrs. Geo. Wharton, Agenda, Kan.

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PURE BRED BOURBON REDS FROM State Show prize winning sires. Toms \$9.00; hens \$6.00. Mrs. Jake Royer, Gove, Kan.

MAMMOTH GOLDEN BRONZE TOMS, extra large bone, well marked, 22-26 lbs., \$12.00. One old Tom. John Kearney, Belpre, Kan.

MAMMOTH BRONZE TURKEYS FROM 40 lb. tom and 22 lb. hens. Goldbank strain. Toms \$10, pullets \$7. Mrs. Artley Gardner, Leoti, Kan.

MAMMOTH BRONZE TOMS FROM 42 LB. tom, 22 lb. hens, \$15.00. Old Tom \$20. Satisfaction guaranteed. Arthur Santry, Fowler, Kan.

MAMMOTH BRONZE GOLDBANK STRAIN turkeys from a 41-lb. tom; 20 to 22-lb. hens. Prices reasonable. Isabelle Randall, Ransom, Kan.

MAMMOTH BRONZE TURKEYS. LARGE boned. Toms 20-26 lbs., \$10-\$15. Pullets and hens 10-20 lbs., \$6-\$10. Mrs. E. E. Brubaker, Lamar, Colo.

PURE BRED, LARGE BONED, NARRAGANSETT TOMS, priced at \$10.00 and \$12.00 each. Satisfaction guaranteed. Albert Reinert, Ensign, Kan.

MAMMOTH BRONZE TOMS, GOLDBANK strain, winning 1st, 2nd prize Topeka State Show, 1923. Mrs. F. J. Fuller, Rt. 1, Kirwin, Kan.

MAMMOTH WHITE HOLLAND TURKEYS: Toms \$10; hens \$7.50. English penciled Indian Runner Ducks, \$1.50. Mrs. Myrtle Smutz, Bird City, Kan.

MAMMOTH GOLDBANK BRONZE TURKEY TOMS. Mueller strain. Twenty to twenty-nine pounds, forty-five cents lb. Edna Walker, Macksville, Kan.

PURE BRED MAMMOTH BRONZE TURKEYS, sires from Madison Square Garden prize winning stock. Toms \$10; Hens \$7. Geo. A. Meyer, Park, Kan.

MAMMOTH, EXTRA FINE, PURE BRED Bourbon Red Toms \$10.00; hens \$6.00. Also Mammoth White Hollands, same prices. C. Burkman, Talmo, Kan.

MAMMOTH BRONZE 50 LB. PRIZE WINNING Tom Wichita State Poultry Show heading flock. Toms \$15.00; hens \$10.00. Mrs. Ben Ely, Kinsley, Kan.

MAMMOTH GOLDBANK BRONZE TURKEYS. From Madison Square and Chicago show stock. Healthy, vigorous. Bargain prices. E. Bidleman, Kinsley, Kan.

3 MAMMOTH BRONZE COCKERELS, weight 25, 28 and 30 lbs., \$15, \$18 and \$20. They sire first cockerel Wichita show 1920, \$25.00. Mrs. James Altken, Severy, Kan.

LARGE BONED PURE BRED WHITE Holland Turkeys from prize winning stock. Toms \$10.00 to \$15.00. Hens \$8.00. Bigger and better than ever. Laura Shupe, Pratt, Kan.

MAMMOTH BRONZE TURKEYS, GOLDBANK strain, rangy, healthy, sired by 42-lb. tom; 20 lb. hens. Toms \$10; hens \$7. Satisfaction guaranteed. Elias Hoagland, Burdett, Kan.

MAMMOTH BRONZE TURKEYS, GOLDBANK strain, biggest and best. May Toms 28-34, \$25; June 25-27, \$20; July 20-24, \$15; 43, \$30.00. Elmer Harris, Medicine Lodge, Kan.

MAMMOTH BRONZE TURKEYS. TOOK first Topeka State Show 1921. First cock, first cockerel, first hen, first pullet, first pen Hutchinson State Show 1922. Minnie Snider, Piedmont, Kan.

IDEAL MAMMOTH BRONZE, STATE prize winners. Goldbank large boned, vigorous, unrelated stock. Toms 20-28 lbs., \$10-\$20; pullets 12-16 lbs., \$7-\$10. Guaranteed. W. S. Linville, Lamar, Colo.

I thought you might be interested in knowing that the little ad of ten words of Sudan seed for sale in your paper has brought many times more orders than I can fill.—E. C. O.

TURKEYS

MAMMOTH BRONZE TOMS, \$10.00. W. A. Browne, Burdett, Kan.

WHITE HOLLAND TURKEYS, \$7 AND \$10. Cora Trapp, Waldo, Kan.

PURE BRED MAMMOTH GOLDBANK Bronze Turkeys. First prize blood; first Hutchinson state fair, 1921; first Lamar, Colo.; first Wiley, Colo. These turkeys are from 50-lb. toms and 20-lb. hens. Toms \$15 and \$20. Pullets \$5 and \$8. Dr. L. B. Cantwell, Syracuse, Kan.

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BOURBON RED TURKEY EGGS, \$5 FOR 10. Della Wood, Milan, Kan.

WHITE HOLLAND, BOOKING ORDERS, \$5.00 dozen. Lottie Enke, Green, Kan.

PURE BRED MAMMOTH BRONZE EGGS \$1.00 each. Flock of hens 20 to 24 lbs.; tom 40 lbs. Save this ad. Orders booked now. Mrs. Ray Bland, Argonia, Kan.

WYANDOTTES

WHITE WYANDOTTE COCKERELS \$2.00. Ira Taylor, Westmoreland, Kan.

WHITE WYANDOTTE COCKERELS, \$1.50, \$2.00. C. V. Johnson, Luray, Kan.

BUFF WYANDOTTE COCKERELS, TWO for \$5.00. Minnie Holt, Wilmot, Kan.

WHITE WYANDOTTE COCKERELS, \$2.00 and \$1.75. Lillie Roach, Dexter, Kan.

WHITE WYANDOTTE COCKERELS \$2.00 each. Mrs. E. Naughton, Sharon, Kan.

BUFF WYANDOTTE COCKERELS, \$2.00 each. Mrs. Winnie Bellinger, Wamego, Kan.

SILVER LACED WYANDOTTES COCKERELS \$2.00. H. W. Schrader, Haviland, Kan.

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SILVER LACED WYANDOTTE COCKERELS, pure bred, \$2.50. John Lacey, Randall, Kan.

PREMIER PARTRIDGE WYANDOTTE COCKERELS \$3, \$5. Rena DeBusk, Macksville, Kan.

WHITE WYANDOTTE ROOSTERS, EARLY hatch, \$2.50 each. W. L. Bunning, White City, Kan.

BUFF WYANDOTTE COCKERELS AND eggs from prize winners. Wyckoff Bros., Luray, Kan.

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WHITE WYANDOTTE COCKERELS, Martin Keeler strain, \$3.00. Mrs. Ray Campbell, Elk, Kan.

FOR SALE WHITE WYANDOTTE COCKERELS, Martin strain. J. H. Brown, Clay Center, Kan.

GOLDEN WYANDOTTE COCKERELS, 2 for \$4.50; 3 for \$6.00. Ed Fischer, Wheaton, Kan.

COLUMBIAN WYANDOTTE COCKERELS, Ayers strain, \$3.00 and \$5.00. J. J. Pauls, Hillsboro, Kan.

WHITE WYANDOTTE COCKERELS, Martin Keeler strain, \$2.00 each. George Westfahl, Lorena, Okla.

PURE BRED WHITE WYANDOTTE COCKERELS, \$3.00. Mrs. Roy Currie, Route 4, Manhattan, Kan.

WOOD'S SILVER WYANDOTTE COCKERELS, exhibition and utility quality. Earl Wood, Gill, Kan.

CHOICE SILVER WYANDOTTE COCKERELS, price \$2.00 to \$5.00. Henry L. Brunner, Newton, Kan.

FOR SALE: COLUMBIAN WYANDOTTE COCKERELS and eggs. J. H. Alexander, Clay Center, Kan., Rt. 3.

WHITE WYANDOTTE COCKERELS FROM fine laying strain, \$2.00. Mrs. Jerry Melchar, Caldwell, Kan.

PURE BRED SILVER LACED ROSE COMB Wyandotte cockerels \$2.00 each. Mrs. Will McEnaney, Seneca, Kan.

100 CHOICE WHITE WYANDOTTE COCKERELS: Martin-Kellers direct, \$2.50. H. O. Collins, Fontana, Kan.

WHITE WYANDOTTE COCKERELS, Martin & Keller strain, \$2.00 to \$4.00. G. G. Wright, Kinsley, Kan.

CHOICE PARTRIDGE WYANDOTTE COCKERELS. Satisfaction guaranteed. F. W. Gibson, Osage City, Kan.

PURE BRED SILVER WYANDOTTE COCKERELS, price \$2.00 each. Pauline Thompson, Osborne, Kan.

LARGE WHITE WYANDOTTE COCKERELS, Martin strain, \$2.50; 6-\$12.00. Mrs. O. O. Richards, Beverly, Kan.

KEELER BARRON WHITE WYANDOTTE COCKERELS, eggs, baby chicks. Eva McCarter, Route 4, Topeka, Kan.

CHOICE WHITE WYANDOTTE COCKERELS, sired by prize winners, \$2.00 and \$3.00. Amil Light, Yates Center, Kan.

SILVER LACED WYANDOTTE COCKERELS \$2.00 each. Pullets \$1.50 each. Mrs. Chas. Springer, Manhattan, Kan.

ROSE COMB WHITE WYANDOTTE COCKERELS, April hatch, good stock, \$2.50 each. V. A. Holcomb, Florence, Kan., Rt. 1.

GOLDEN WYANDOTTES, WON KANSAS City and Topeka. Beautiful cockerels three dollars. W. Shelley, McPherson, Kan.

KEELER STRAIN PURE BRED ROSE COMB White Wyandotte cockerels, \$2.50 and \$3.50 each. Sadie Springer, Manhattan, Kan.

WHITE WYANDOTTE COCKERELS, Martin Keeler and Barron's laying strain, \$2 to \$3. Eggs \$5 hundred. Mrs. H. Taylor, Alma, Kan.

CHOICE ROSE AND SINGLE COMB SILVER Laced Wyandotte cockerels \$2, \$3 each. Melvin Christner, Box 44, Lost Springs, Kan.

100 CHOICE WHITE WYANDOTTE EGGS \$7.50. Cockerels \$3.00. Martin Keeler, Fleishel stock. Mating list. W. G. Young, Liberal, Kan.

50 REGAL WHITE WYANDOTTE COCKERELS, \$3.00 and \$5.00 each. Satisfaction or money back. North Willow Poultry Ranch, Coffeyville, Kan.

SANDERS SILVER WYANDOTTES WIN at largest shows. Cockerels, \$2.00 and \$5.00. Eggs \$3.00 per setting. Ralph Sanders, Miller, Kan.

SILVER LACED WYANDOTTE COCKERELS, \$2.00. Elegantly laced pullets \$1.50. Eggs in season. Mrs. C. F. Johnson, Box 137, Greensburg, Kan.

WYANDOTTES

PURE WHITE WYANDOTTE COCKERELS \$2.00 each. Alice Clark, Oakley, Kan.

GOLDEN WYANDOTTE COCKERELS, early hatch. M. M. Donges, Belleville, Kan.

CHOICE SILVER WYANDOTTE COCKERELS \$3.00 up. A. Bretthauer, Bird City, Kan.

BLITHE'S SILVER LACED WYANDOTTES: laying strain, pen matings, certified birds, cockerels \$2.50-\$5.00. Lawrence Blithe, White City, Kan.

GRAND CHAMPION, STANDARD BRED White Wyandottes. Eggs from four grand matings. Write for free catalogue. Irvin Decker, Galva, Kan.

MRS. S. E. SHERMAN, HOPE, KANSAS, breeder of Wyandottes, Blue Ribbon Partridges, Arkansas Silver-laced, and White; can supply eggs and chicks.

LARGEST WINNERS, GRAND CHAMPION Kansas, biggest show this season. Some good ones, \$5.00. Satisfaction guaranteed. F. R. Beery, Leavenworth, Kan.

FIFTY SILVER LACED WYANDOTTE cockerels, early hatched, from prize winners, \$2.50-\$3.50. Several exhibition grade \$5.00. Young hens \$2.00. George Phegley, Lincoln, Kan.

WHITE WYANDOTTE POULTRY FARM. White chickens and a white deal. Eggs \$6.00 per 100. Pen eggs, stock, baby chick, priced right. From winners and layers. Mrs. Albert Waterman, Peabody, Kan.

WYANDOTTE EGGS

WHITE WYANDOTTE EGGS, \$6.00 PER 100. Mrs. Geo. Downie, Lyndon, Kan.

WHITE WYANDOTTE EGGS FOR HATCHING: record layers. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

WHITE WYANDOTTE EGGS, \$5 PER 100. Stock direct from Keeler. State certified. Mrs. Chas. C. Miller, White City, Kan.

PURE BRED WHITE WYANDOTTE EGGS, from heavy laying strain, \$5.00 per 100. Mrs. T. B. Adell, Rt. 5, Topeka, Kan.

WHITE WYANDOTTE EGGS, FROM CERTIFIED flock, for hatching season, \$5.00-100. Mrs. Otho Strahl, White City, Kan.

PURE BRED WHITE WYANDOTTE EGGS for sale, \$2.00 for 15; \$3.75 for 30; \$10 for 100. Donald V. Ricketts, Fontana, Kan.

SILVER LACED WYANDOTTES: HIGH scoring, pedigreed, trapnested stock. Eggs \$2.00 and \$3.00. Mrs. Clarice E. Sitterly, Salina, Kan.

SELECTED FREE RANGE FLOCK WHITE Wyandottes, Martin strain; eggs 6 cents, baby chicks 15 cents. Mrs. Karl Utting, Antelope, Kan.

WHITE WYANDOTTE BARRON ENGLISH strain. Hogan tested, line bred 278 egg record. Eggs \$3.00 for 15; \$10-100. A. H. Fry, Paxico, Kan.

WHITE WYANDOTTES, BARRON'S strain. World's greatest layers. Eggs, 15 \$2.00; 100 for \$9.00. 80% hatch guaranteed. H. A. Dressler, Lebo, Kan.

WHITE WYANDOTTES—MARTIN AND Keeler strains direct; 30 eggs \$3.50; 50 \$4.00; 100-\$7.00. Satisfaction and safe delivery guaranteed. Baby chicks 100-\$20.00 prepaid. Garland Johnson, Mound City, Kan.

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SOL HOT OIL BURNING BROODERS. Easily operated. Inexpensive. Circular free. Claude Post, Mound City, Kan.

SHER'S BABY MAMMOTH SOL HOT INCUBATOR, two sections, two hundred fifty eggs each, practically new. I. F. Crane, Goff, Kan.

MASTER BREEDER CHICK BOXES FOR shipping live chicks. Shipped from Lincoln stock at interesting prices. Schwarz Paper Co., Lincoln, Neb.

LOUSY HENS WON'T LAY. BUY "COLLIER'S SURE DEATH TO LICE." \$1.00 worth kills every louse and nit on 200 chickens for months to come. Order from Colwell's Hatchery, Smith Center, Kan.

MAKE THOSE HENS PAY. GIVE THEM Egg Producer, a new scientific egg tonic. It is guaranteed to increase your egg yield or your money back. Large can sent postpaid for \$1.00 if your dealer cannot supply you. J. F. Marsh & Co., Grand Island, Neb.

POM'S GOLDEN WONDER GIVEN in the drinking water or food a few days each month rids fowls of lice. It's guaranteed. 1000 treated as easily as one, will not harm fowls, flesh or eggs. 50c and \$1.00 sizes. Helps save baby chicks. At your drugist.

POULTRYMEN! STOP LOSSES FROM chilling or overheating. Our automatic adjustable brooder alarm signal system will let you know immediately of any change of temperature in your brooder. Used by practical poultrymen everywhere. Safe, sane and inexpensive. Write for circular number 111. Superior Egg Farm, Anaheim, California.

IS YOUR FLOCK UP TO STANDARD? IT may be pure bred but not meet all requirements for breed. Don't guess. Measure it by the 1923 "Standard of Perfection," a book every breeder should own. Profusely illustrated; detailed description every standard breed and variety chickens, ducks, geese, turkeys. Regular price \$2.50. For limited time readers of this paper can buy edition just coming from press at \$2.15 postpaid, priced by special arrangement with publisher. Order your 1923 Standard now at special price of \$2.15 postpaid. Send check or money order. E. M. Sweet, 630 Lindenwood, Topeka, Kan.

POULTRY PRODUCTS WANTED

HEAVY CAPONS, HENS AND SPRINGS wanted. Copps loaned free. "The Copes," Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

HATCHING EGGS WANTED. WE CAN use your output in any of the old breeds such as Houdans, Polish, Cornish, White Minorcas. Write us at once. Chick Hatchery, Dept. 2, Shelbyville, Ill.

SEVERAL VARIETIES

PURE BRED BUFF ORPINGTONS. Barred Plymouth Rocks. Single Comb Dark Brown Leghorn cockerels. Everlay strain direct, \$2.50 each. Mollie McBride, Mankato, Kan.

SEVERAL VARIETIES

1949 COCKERELS, 49 VARIETIES. Hatching eggs. Baby chicks. Free Book. Aye Bros., Blair, Neb. Box 6.

BRONZE TOMS \$6.00; PEKIN DRAKES Ducks, \$1.50; Anconas \$1.50. Agnes Wade, Spearville, Kan.

ONE 2-YEAR-OLD BRONZE TOM, \$12.50. B. R. cockerels \$2.00. Mrs. D. L. Dawdy, Arrington, Kan.

S. C. BUFF LEGHORN COCKERELS, \$1.50. White Cochins Bantams. W. H. Kindig & Sons, Olathe, Kan.

FOR SALE—STOCK AND EGGS. WYANDOTTES, Rocks, Orpingtons and Langshans. Langdon Poultry Club, Langdon, Kan.

68 VARIETIES FINE PURE BRED CHICKENS, ducks, geese, turkeys, stock eggs, chicks. Large catalog 5c. A. A. Ziemer, Austin, Minn.

S. C. WHITE MINORCAS AND R. C. SILVER Spangled Hamburg cockerels; also Lakenvelder cockerels. E. H. Fussman, Humboldt, Kan.

CHOICE SILVER LACED WYANDOTTE cockerels, early hatch, \$2.00 and \$3.00. Buff Orpington Drakes \$2.50. Herbert Kruger, Seneca, Kan.

EARLY HATCHED BOURBON TURKEYS: Toms \$9, hens \$5. Toulouse Geese; ganders \$3.00, pairs \$5.00, trio \$7.00. W. H. Hansen, Abilene, Kan.

BARRON LEGHORNS, SHEPHERD ANCONA cockerels. March and April hatch, for sale. Eggs February 15, 1923. W. P. Jewett, Courtland, Kan.

LLOYDS FANCY BLACK ORPINGTONS and Leghorns. Wonderful layers. Closing out. Pullets and cockerels \$1.50 to \$3.00. Ralph Nall, Independence, Mo.

352 TOULOUSE GEESSE; 337 BARRED AND White Rocks; 276 Rose and Single Comb Reds; 242 Brown and White Leghorn cockerels. Aye Bros., Blair, Neb., Box 6.

MANY VARIETIES PURE BRED POULTRY, baby chicks and pigeons at low prices. 100-page book in colors describes them. Mailed for 5 cents. Frank Foy, Box 9, Clinton, Iowa.

CHOICE ROSE COMB WHITE WYANDOTTE and Barred Rock cockerels \$2.00; \$2.50. Rock pullets \$2.00. Pair Brown Game Bantams \$2.00; cockerels \$1.00. Male Fox Terrier Pup—\$5.00. Ben Graham, Clay Center, Neb.

PURE BRED COCKERELS AND PULLETS: Rocks, Reds, Wyandottes, Leghorns, Langshans, Brahmas, Orpingtons, Bantams, Ducks, shipped on approval. We pay return express. Shenandoah Poultry Farms, Shenandoah, Iowa.

BREEDERS OF PURE GOLDBANK MAMMOTH Bronze turkeys, Toulouse Geese, parent stock 24 and 30 pounds; young 18-22 pounds. White Leghorns, Ferris and Barron strain; pure bred Buff Rocks. Mrs. George Schultis, Sylvan Grove, Kan.

BABY CHICKS AND HATCHING EGGS and cockerel Barred Rocks, White Rocks, Rhode Island Reds, Buff Cochins, White Minorcas, Black Minorcas, Anconas, Silver Campines, White Leghorns, Hamburgs, Lakenvelder, Buff Cochins Bantams. G. M. Cook, Lucas, Kan.

BARRED, BUFF AND PARTRIDGE ROCKS, Light Brahmas, Black and White Langshans, Buttercups, R. C. R. I. Reds, White Leghorns, cockerels \$2 to \$5; pullets \$2 to \$3. My entire flock of Anconas. Correspondence. Eggs in season. Money back guarantee. Mrs. Elmer Caywood, Raymond, Kan.

SEVERAL VARIETIES EGGS

BUFF WYANDOTTE EGGS, \$3.50-50. Pure White Rocks. Pekin Duck eggs. Mrs. Van Inskeep, Rt. 7, Manhattan, Kan.

EGGS FROM SINGLE COMB WHITE ORPINGTONS, Kellersstrass strain, \$1.50-15, \$6.50-100. Also Single Comb Buff Leghorn, 75c setting \$4.00 hundred. Mrs. R. Cordry, Preston, Kan.

Do not run my ad any longer as I have not enough poultry to supply the demand.—H. W.

Treating Frozen Combs

Do not bring a bird with a frozen comb into a warm room for treatment. Rub the parts with snow until they are thawed out and then apply vaseline. The wattles of male birds seem to freeze easily when the drinking water is constantly touching them on a freezing day. Rubbing the wattles with suet seems to help prevent frosting as the water does not remain long on the surface of the skin protected in that way.

Severe freezing of the comb and the wattles seems to devitalize the male birds and reduce their vigor. This is a serious problem when eggs are being saved for early hatching. Hen houses must be protected enough to prevent serious freezing of the combs if many winter eggs are obtained and they show a high per cent of fertility.

The male bird with frozen wattles suffers when they touch the sides of a mash hopper and such a bird is likely to exist on a reduced ration when plenty of feed is needed to maintain vigor.

If cockerels were banded last fall with spiral bands, be sure that the bands are not resting beneath the spur and very tight. Such bands may cut off the circulation in a bird's foot and cause the foot to freeze. Even if freezing does not occur, lameness will result. The bands for cockerels must be large and they rest more comfortably above the spur.

Prize Winners in Poultry Contest

(Continued from Page 17)

lets recently and one of them weighed 5 pounds and the other 4½ pounds. These pullets began laying in October at 5 months old.

In October we sold \$5.27 worth of eggs; in November, \$36.48 worth of eggs; and in December, \$109.28 worth of eggs.

The first 15 days in January of this year we have sold 306 dozen. The greatest number of eggs we ever got in one day was 248.

We feed a balanced ration consisting of 2 parts of bran, 1 part oats chop, 1 part corn chop, 1 part meat scrap, and a little charcoal and salt.

The scratch grain consists of kafir, wheat, and corn fed in a clean litter so the hens are forced to work for all the grain they get as we think the working hen is the best layer.

We have a poultry house 18 by 50 feet which has plenty of sunlight and ventilation.

Lyndon, Kan.

Turkeys Prove Profitable

I have been a successful turkey raiser for five years and find it a very profitable side line on the farm. Hatching and raising poult to market size are worthy of attention. It is best to keep one turkey tom to five or six hens. I prefer a tom 2 to 4 years old and 2-year-old, hens.

Choose breeders with large broad heads, bright, alert eyes, long deep bodies, broad backs, and with large shanks and feet. Breasts should be full and deep and there should be a rich red about the head which indicates health. Hens begin to lay by March 15 and lay from 15 to 20 eggs apiece. The eggs should be gathered every day thru laying season so they will not be destroyed by dogs and crows. When the hens are broody they receive from 17 to 23 eggs apiece for hatching, according to size of hen. The nest should be almost flat to keep the eggs from piling up and there should be a little hay or straw in nest. Then I break in about one-third of my hens that become broody for their second laying. When hatched, the poult are permitted to roam at large with the turkey hens and feed on bugs and grasshoppers in pastures and meadows which is their natural feed.

I drive mine home at night for about three weeks to teach them to come home where they can roost in safe quarters. Then about six weeks before marketing I feed a fattening ration consisting of 3 parts kafir and 1 part of corn. My experience is a full fed corn diet may cause blackhead, which is a fatal disease and I would advise a preventive rather than a cure.

Blackhead is a germ which can be transmitted from one sick bird to another. Poult are especially subject to this disease. I hope that scientists some day will find a vaccine that will prevent blackhead. My May hatched cockerels weigh about 20 pounds and hens about 12 pounds by November 20.

I market my turkeys for the Thanksgiving and Christmas trade which usually is about 35 and 40 cents a pound. I hope that 1923 will be a successful year for the turkey trade. I also raise Barred Rock chickens and some geese but find turkeys to be the most profitable.

Mrs. Edith Gilmore.

KANSAS

BIG FARM BARGAIN

In 474 acres, close town; highly improved, well watered. Corn, bluegrass, alfalfa land. Ask for description, and list. Also for farms for rent.

Mansfield Land Company, Ottawa, Kansas

400 ACRES bottom land, no improvements, a good stock farm 40 rods from shipping station; running water; 125 acres plowed; 100 acres timber, 75 acres pasture, \$75 per acre. Write for information. F. O. Clark, 725 Houston Street, Manhattan, Kan.

50 ACRES, modern home, 2½ miles of Ottawa, Kansas, 20 acres choice alfalfa land, 30 acres pasture, county highway, close to high school and college; good terms and possession March 1.

Ottawa Realty Company, Ottawa, Kansas

2 GOOD FARMS AT BARGAIN PRICES. 153 acres, 7 mi. town, 75 A. bottom land. Complete water system at corral and house, fair improvements, 1 mi. church and school, 200 acres, 8 mi. town, 1 mi. church and school. Some improvements. Write owner, G. B. Mack, R. 3, Onaga, Kan.

750 ACRE beautiful level farm, adjoining town in Lane county, Kansas; it's one of the finest bodies of land in county; 2 story, 7 room house, 2 large barns, granaries, other outbuildings; nearly 400 acres fine wheat; abundance water; real snap, owner non-resident; \$45 per acre; attractive terms. Mansfield Land & Loan Company, 415 Bond-Bldg., 10th & Walnut, Kansas City, Mo.

The Real Estate Market Place

There are 10 other Copper Publications that reach over two million 100,000 families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

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All advertising copy discontinuance or change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

SO. EAST KAN. FARMS \$35 acre up. Free list. A. M. Cole Land Co., Independence, Ka.

CHASE CO. valley and upland farms \$45 A. up. E. F. McQuillen & Co., Strong City, Kan.

NORTHEAST KAN. Bottom and upland farms. Melvin Ward, Holton, Jackson Co., Kansas.

ABOUT 11 ACRES adjoining Ellsworth. Good house and barn, \$6000. Half cash. Edward Artus, Ellsworth, Kansas

WESTERN KANSAS Land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

GOOD BOTTOM FARM 160 acres, 2 mi. town. New 7-room house, 155 in wheat, \$100 per acre. T. B. Godsey, Emporia, Kansas.

40, 60 OR 160 A. of good farm land, direct from owner, immediate possession if taken this mo. R. E. Mariner, Fredonia, Kan.

240 A. 4 mi. K. U. well improved. Good silo. All alfalfa and wheat land, cheap. Small farms all sizes, 10 to 160 A., bargain prices. Clawson, Wilson & Kurtz, Lawrence, Kan.

80 A. well imp., 50 mi. K. C. Mo., 30 A. Nice home adj. Paola. 17-A. home adj. town Miami Co. Large list. Write us your wants. Clarke & McNamery, Paola, Kansas

335 A. ROOKS CO. stock farm, timber, water, alfalfa; improved. Will sell on contract. Small cash payments. Jim Johnson, Johnson, Kan.

WELL IMPROVED Eastern Kansas farms for sale, good bargains. Write for prices and descriptions. Ricketts & Collins, Fontana, Kansas

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Shas D. Warner, 727½ Commercial St., Atchison, Kansas.

80 A. \$50 PER A., 120 A. \$75 per A., 160 A. \$80 per A., 160 A. \$75 per A. All good imp. farms, extra good terms. Spangler Land Co., Ottawa, Kan.

80 ACRES IMPROVED. \$65 per acre. \$1,000 cash. 160 acres improved, \$67.50 per acre. \$1,000 cash. The Allen County Investment Co., Iola, Kansas.

320 ACRES WHEAT FARM, adjoining Lane County town, highly improved, 200 acres wheat, \$50 acre, attractive terms. Mansfield Investment & Realty Co., Healy, Kansas.

320 NEW LAND and splendid improvements, mixed farm, fenced and cross fenced, on Albert Pike Highway, \$13,000. Further particulars write J. A. Bolln, M. R. A. No. 1, Bucklin, Kan.

ARKANSAS

FREE HOMESTEAD LAND, healthful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write M. Decker, Norfolk, Ark.

WOULD YOU BUY A HOME? With our liberal terms? Farms of all sizes for white people only. Write for our new list. Mills & Son, Booneville, Arkansas.

695 ACRE DELTA FARM, 2 mi. Lake Village, Chicot County, Arkansas. Corn, cotton and alfalfa land. Every acre tillable. Box 1735, El Dorado, Arkansas.

BUY A FARM in the great fruit and farming country of Northwest Arkansas where land is cheap and terms reasonable. For free literature and list of farms write Doyel & Alsip, Mountainburg, Arkansas

COLORADO

BUY FROM OWNER well improved 320 acres close in. Terms. Write D. M. Tmus, Deer Trail, Colo., Box 554.

CHOICE Government Land, coming under irrigation, near Grand Junction. Easy terms. Co-op. Colony, Box C. K. 125, Clifton, Colo.

CALIFORNIA

FARM BUREAU wants American farmers on irrigated lands. If interested write C. T. Fox, Sea, Cottonwood, Calif.

CALIFORNIA IRRIGATED LAND 15% down and \$75 yearly on each \$1000 invested, pays all in 20 years, 20 and 40 acre tracts, \$160 per acre. Home in God's country for man with small means. Write F. J. Austin, Willows, California

FLORIDA

WE OWN thousands of acres fertile prairie land in Palm Beach county; black soil 8 to 10 feet deep; splendid drainage and best of markets; suitable for trucking, general farming, dairying, stock and poultry farming; no trees or stones on land; write today for full particulars and illustrated booklet. H. G. Geer & Co., 147 P. O. Bldg., West Palm Beach, Fla.

NEW JERSEY

Farms in Sunny Southern Jersey Many bargains. Catalog just out! Stocked and equipped. Some require only \$500 cash. Income producing homes. Copy free. Vineland Farm Agency, 510 -TT- Landis Ave., Vineland, N. J.

SALE OR EXCHANGE

TRADES—What have you? List free. Bersie Farm Agency, El Dorado, Kansas.

GOOD improved farm for sale of trade. J. M. Mason, 2274, Russell, Kansas City, Kan.

FARM BARGAINS, Eastern Kansas, for sale or exchange. Sewell Land Co., Garnett, Kan.

FOR SALE OR TRADE: Hardware, harness, stock and building. Want land in Southeast Kan. Owner, Box 28, Mound Valley, Kan.

MANSFIELD BROTHERS Mortgage Company exchanges city property, farms and makes loans. Write for circular, 515-17 Grand Avenue Temple Building, Kansas City, Mo.

\$10,000 General Merchandise and building German farming community, receipts \$100 daily. No credit. Only clear land considered. Address C. F. Edwards, Blum, Kan.

WE WANT A FARM or unimproved land in exchange for our nearly new and up to date 50 bbl. flour mill. Well located and doing fair business. J. T. Strohm, Oakley, Kansas.

REAL ESTATE WANTED

WE HAVE BUYERS for a number of farms. Price must be right. Describe full in first letter. Central Land Bureau, New Franklin, Mo.

CASH YOUR PROPERTY QUICKLY. Location immaterial. Give best price. Universal Sales Agency, Box 43, N. Topeka, Kansas.

CASH BUYERS want Kan. and Colo. farms, spring delivery. Don't wait, write now. R. A. McNew, 320 Wilkinson Bldg., Omaha, Neb.

FARMS WANTED: Give full description and cash price. Quick sales. Leaderbrand Sales Agency, B-30, Cimarron, Kansas.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

FOR RENT OR LEASE

FARMER WANTED

A reliable middle-aged man and family have a real opportunity ahead of them. I own a 250-acre farm ½ mile from Brighton, Colo. My wife and I are getting old; we are tired of trying to operate the farm with hired help. I want someone to buy my outfit outright or take a working interest and operate farm on terms. This farm never lacks for water, is 30 miles from Denver and 30 from Boulder, home of the University, and same distance from the mountains. Brighton has good grade and high school, the right atmosphere in which to bring up children. Two good homes are on this farm. If I cannot get a man with boys old enough to help, I might consider two young men with families. This year's crops probably will be small grain, corn and sugar beets. Write to D. F. McFarland, Brighton, Colo.

LOANS AND MORTGAGES

Farm Loans

Kansas and Missouri

Very lowest rates. Liberal option.

5-7-10 and 20 years.

Annual or semi-annual interest.

THE DAVIS WELLCOME MORTGAGE CO.

Topeka, Kansas.

Farm & Ranch Loans

Kansas and Oklahoma

Lowest Current Rate

Quick Service. Liberal Option.

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THE PIONEER MORTGAGE CO.,

TOPEKA, KANSAS.

Real Estate Advertising Order Blank

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KANSAS FARMER and MAIL & BREEZE

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RATES

50c a line for 1 time

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Enclose find \$..... Run ad written

below times.

Name.....

Address.....

COPY

Hereford Breeders of Kansas

Our Foundation Stock

Came from the noted Pickering Farms and from the Wm. Aker herd. Herd headed by Beau Avondale 9th, sire by Prince Rupert 8th, dam by Bonnie Brae 8th. Lord Dandy, sire by Beau Picture, dam by Beau Dandy. Some good young bulls for sale.

VAYROCH BROS., OBERLIN, KANSAS

Mc Mischief, Son of Beau Mischief

and 40 splendid herd cows of fashionable blood lines is the foundation of our building on. Just choice bulls for sale from 12 to 24 months old. Also Poland China hogs of quality and breeding. Write for further information. Address

J. R. Houston, Gem, Kan., Thomas County

Elmdale Farm Herefords

125 head in our herd of excellent Herefords. Herd bulls: Beau Stanway, by Choice Stanway; Beau Delightful and Heir's Anxiety 5th. Visitors welcome at all times. Annual sales in Phillipsburg.

JANSONIUS BROS., Prairie View, Kan., Phillips Co.

HEREFORD HOME FARM HEREFORDS

Our herd, headed by Dandy Lad, by Dandy Julius Gollorum, by Bon Lad 4th. 80 head in herd. Good bulls, serviceable ages, and cows and heifers to sell.

H. Hitchcock, Belaire, Kan., Smith County.

SOLOMON VALLEY HEREFORD FARM

In service, Doctor Mischief 3rd, by Doctor Domino by Domino, and out of a Beau Mischief dam. 75 head in the herd. For sale: 10 large yearling heifers, good. They are open but of breeding age. Nice crop of young bulls.

FRED TETLOW, Downs, Kan.

THE BLOOD OF BONNIE BRAE

Excelled in recent shows. Anxiety and modern blood lines. Some choice yearling and 2-year-old heifers. Some choice young bulls. Address

Naber Bros., Basehor, Ks., Leavenworth Co.

Klaus Bros.

Show and Breeding Herd

Herd headed by Beau Onward 8th. Ten yearling heifers by Beau Onward 19. Always headquarters for herd bull material and Herefords of quality. Address

KLAUS BROS., Bendena, Kan.

Latham Fairfax—Woodford Lad

200 Herefords in our herd. For sale: Two or three choice 2-year-old bulls; 20 yearling bulls; bred cows and heifers and yearling heifers up to a car load. Come and see our herd—write for descriptions and prices.

S. W. TILLEY & SONS, Irving, Kan.

Hereford Park Herefords

Young bulls up to 2 yrs. old, linebred Anxiety. Herd bulls in service. Sir Stanway, a double Domino and Bright Stanway; Matador, a Beau Beauty and Beau Brummel 10th bred bull. My cows are all of Anxiety breeding. J. F. SEDLACEK, BLUE RAPIDS, KAN.

Blue Valley Herefords

30 Registered Hereford Bulls, 6 to 24 months, \$50.00 to \$100.00 delivered, any station in Kansas. 25 registered heifers, age and price about same as Bulls. These prices for quick sale. Write or come soon.

COTTELL & MONTAGUE, IRVING, KAN.

1886-1923

Steeleway Herefords Barnes, Kansas

300 Reg. Breeding Cows FOR SALE

100 of them bred to good bulls, 50 yearling and 2-year-old heifers. 125 long yearling heifers. For sale in single or car lots. 700 head in the herd. MILTONVALE CATTLE COMPANY, Miltonvale, Ks.

W. H. Shroyer, Manager, Miltonvale, Kan.

Anxiety 4th Herefords

Sires in service. Lord Stanway by Bright Stanway. Alex Mischief, grandson of Beau Mischief. Cattle for sale of both sexes at all times.

J. H. Miller, Woodston, Kan., Rooks County

Mischief Donald by Beau Mischief

125 head in the herd. A strong herd of breeding cows, many of them by Repeater 7th. Bred cows and heifers for sale and some very choice young bulls of serviceable ages. Address

FRANK HUG & SONS, Soranton, Kan., Osage Co.

Sixty 2-Year-Old Heifers, Bred

Sired by Sir Dare and Dominer 56632. Bred to Don Balboa 56602 and Dominer 566433. Choice stock, priced to sell. Also 20 yearling heifers and 100 cows, same breeding. Farm 1 1/2 miles west city limits on West 6th and 10th St. roads.

LEE BROS., Topeka, Kan.

SYLVAN PARK STOCK FARM

Fairfax-Anxiety Herefords headed by Stephen Fairfax and Quinto by old Domino. Herd bull material. A car load of yearling bulls. Bred cows and heifers. Also Spotted Polands.

Miller & Manning, Council Grove, Kan.

Maple Shade Hereford Farm

Offers 10 head choice yearling heifers. Good quality, popular breeding, priced right.

Fred O. Peterson, Route 5, Lawrence, Kan.

BEAU SIMPSON

By Beau Randolph, dam by Beau Dandy, also Battle Mischief, a good son of Beau Mischief, are the herd bulls I use. Choice Anxiety cows. Nothing but choice stuff offered. Arthur McCray, Rt. 4, Hiawatha, Kan.

Sires That Have Influenced Kansas Herds—8



BEAU FRANKLIN 566830

Beau Franklin 566830, calved April 2nd, 1914, bred by James E. Logan, Kansas City, Mo. He was secured in dam by T. E. Smith of Norman, Okla. T. E. Smith showed Beau Franklin at the South-West American Livestock Show at Oklahoma City in February, 1915, where he was made Junior and Grand Champion. He was consigned to the Hereford sale at Oklahoma City at this time and bought by Oklahoma A. & M. College at \$750.

Beau Franklin was sired by Russell Fairfax 363934, Dam, Queen Militant 386931. Russell Fairfax has made a reputation as a breeding bull in several herds. A cow sired by him was recently Grand Champion at the North Dakota State Fair. He is at present owned in Minnesota. He spent two or three years in Oklahoma in the herd of Chapman and Barnard. The dam of Russell Fairfax was one of the greatest brood cows in the Warren T. McCray herd at Kentland, Indiana.

Beau Franklin has the following show record to his credit: Junior and Grand Champion, Southwest American Livestock Show, 1915. Junior and Grand Champion Southwest American Livestock Show, 1916. Junior Champion, Southwest Exposition and Fat Stock Show, Ft. Worth, 1916.

2nd Prize, two-year-old at Kentucky State Fair, 1916.

1st Prize, two-year-old and Senior Champion, Memphis, Tennessee.

2nd Prize, 2-yr-old, Atlanta, Ga., 1916.

3rd Prize, American Royal, 1916.

2nd Prize, International, 1916. Bocaldo 6th headed this class and Ardmore was placed third.

During 1916, after the Ft. Worth show, Beau Franklin was shown in the Hereford herd of E. H. Taylor, Jr., of Frankfort, Kentucky.

In addition to leaving several outstanding cows in the Oklahoma A. & M. College herd at this time, he sired the following prize winners: Beau Franklin 6th, a steer calved on November 1, 1916, that won four championships and two grand champions over all breeds; placed 2nd at Chicago and sold in 1918 for 34 cents a pound. He sired many other good steers but this was the most outstanding. Beau Franklin 9th 617283, a Hereford bull, calved on January 7, 1917, won several first prizes. He was sold in the Blue Ribbon Sale at Kansas City on June 3, 1919, for \$1450. He also sired Miss Franklin 4th 615417, first prize senior yearling at Oklahoma City and Ft. Worth in 1918. He sired Miss Franklin 5th 615418, first prize two-year-old and senior champion at Oklahoma City and Ft. Worth, 1919.

On June 28th, 1916, his name was changed from Logan Fairfax to Beau Franklin, his name having been Logan Fairfax previous to this time. The word Beau is a popular one among Hereford breeders. The name Franklin was given to him after Frank Gault, President of the Oklahoma State Board of Agriculture at that time.

Beau Franklin bulls heading herds in Oklahoma include Beau Franklin 10th, sold for \$1000 and heads a good herd in the Panhandle and Beau Franklin Junior, heading the herd of the Indian School at Chillico. —W. L. Blizard.

The rough handling a hog gets, stays after him. Bruises and dislocations, so they say, reduce the value of 15 per cent of the hogs handled in the Kansas City stockyards.

Nearly two-thirds of the butter produced in the United States in 1921 was made in creameries, according to a report of the United States Department of Agriculture.

Advertisements in this section are joining forces to keep before the farm and pasture owners of Kansas and Colorado the many nearby sources of the blood which has proven so adaptable to their conditions. Write for particulars about this service.

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No Richer Breeding Exists

among the descendants of Anxiety 4th than that carried by DON ACTOR 501941, senior herd sire of Gilmorelands. Cow herd made up of granddaughters of Beau Dandy, Beaumont, Bright Stanway, Prince Rupert 8th, Dale and Brigadier. Yearling bulls for sale. \$125 up. GILMORELANDS, FREDONIA, KAN.

5 Bulls Ready for Service

By Battle Mischief by Beau Mischief, and Pretty Stanway, bred back five generations by Gudgell & Simpson. Splendid young cows and heifers by Battle Mischief and bred to Pretty Stanway priced reasonable.

GORDON & HAMILTON, HORTON, KAN.

Open or Bred Heifers

and a 2-year bull, grandson of Beau Donald on paternal side and out of a Lamplighter dam. Write us at once.

ELMER DUKELOW, HUTCHINSON, KAN.

Cows, Heifers and Bulls

Some cows are granddaughters of Lamplighter, a number with calves at side, 2-year-old and yearling heifers and bulls. Main sire BEAU BALTIMORE 13th.

JOHN CONDELL, ELDORADO, KANSAS

75 Closely Bred Anxiety Females

Cows, 2-year-olds, yearlings by or bred to present herd sire, Modest Domino Jr. and Echo Lad 85th. Serviceable aged bulls.

Lone Tree Ranch, K. R. Garver, Attle, Kan.

Hazford Place Modern Herefords

Breeding stock, all ages and classes by and out of our well known sires and dams that are closely descended from great Anxiety 4th bulls. Each animal we sell is of our own breeding. Robt. H. Hazlett, Eldorado, Kan.

A Lot of Under Year and Yearling Calves

and a serviceable aged bull. Herd sire is WOODLAND LAD 2nd. Write us at once.

W. H. TONN, HAVEN, KANSAS

Grand Champion Regulator and Repeater 126th

Cows with calves; young stock, both sexes, by or bred to these great sires. Dams are of excellent breeding also.

G. L. MATTHEWS & SONS, Kinsley, Kan.

Excellent Herd of Reg. Herefords

10 cows, 6 heifers, including granddaughters of Repeater. Herd sire also for sale. Closing out to give full time to dairying. Priced to sell. S. F. LANGENWALTER, Halstead, Kan.

For Sale—Heifer Calves and Bulls at \$50.00

Fairfax and Bill Royal breeding. SCHLICKAU BROS., HAVEN, KANSAS

Heifers and Underyearling Bulls

By DIRIGO 15th and DIRIGO 17th, out of Anxiety 4th dams. Federal accredited herd. W. C. CUMMINGS, HESSTON, KANSAS

Polled and Horned Herefords

Good young bulls, double Beau Brummels, Perfection Fairfaxes, and Polled Platons. Main sire, MONARCH FAIRFAX.

G. E. SHIRKY, MADISON, KANSAS

140 Line Bred Anxiety 4th Breeding Cows

Six first class well bred herd sires in use. All classes, both sexes for sale any time. We have just what you want.

DR. G. H. GRIMMEL, HOWARD, KAN.

HERD BULL BARNSTORMER 557926

Calved July 4, 1916. A linebred Anxiety bull. A really great sire and a good individual for sale. We want to keep his heifers.

H. D. PLUMMER, LONGTON, KANSAS

Cows, Heifers, Bulls

By or out of Buddy L. and Willey Fairfax by Ridgeland Fairfax by Perfection Fairfax. Junior sire, Brummel Fairfax. Offering one or a carload.

PAUL WILLIAMS, MARION, KANSAS

POLLED HEREFORDS

Polled Herefords

We have developed three first prize bulls which is more than any other breeder has done. If you want high class Herefords with "Everything But the Horns" write

GOERNANDT BROS., AURORA, KAN.

GOODVIEW STOCK FARM HEREFORDS

Improver Prince, senior herd bull. Polled Plato Jr. Junior herd bull. 200 Polled Herefords in this herd. For sale: Bred cows and heifers; cows with calves at foot and bulls from 8 to 20 months old. Write for descriptions and prices.

GEO. BINGHAM, Bradford, Kan., Wabawsee County

Advertisers in This Section

Are joining forces to keep before the farm and pasture owners of Kansas and Colorado the many nearby sources of the blood which has proven so adaptable to their conditions. Write for particulars about this service.

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Kansas City Markets

BY JOHN W. SAMUELS

Grain, Cattle and Hogs are Lower This Week—Lambs Advance

CHAOTIC conditions in Europe have had a disquieting effect on markets throughout the country this week but cattle and hogs were not affected so much as grain. Livestock prices, however, showed considerable irregularity, altho in the main the market closed with only slight changes as compared with a week ago.

Lambs advanced 25 cents, and retained the gain. Fat steers were lower in the first three days of the week, but, closed with most of the loss regained. Stockers and feeders ruled strong to higher under an active demand.

Receipts this week were 44,325 cattle, 8,200 calves, 70,975 hogs, and 36,300 sheep as compared with 43,650 cattle, 8,350 calves, 82,660 hogs, and 29,575 sheep last week, and 37,150 cattle, 5,950 calves, 48,700 hogs, and 26,250 sheep a year ago.

Liberal Receipts of Fat Cattle

Liberal receipts of fat steers in the first two days of the week caused a downward turn in prices, but since then most of the loss was regained. Shippers, as a rule, are marketing too freely in the early part of the week and not enough in the latter part. A more even distribution in supplies would be better for the general tone in the market. The best steers sold at \$9.75 to \$10, yearlings up to \$9.75, and the bulk of all the fat steers \$8 to \$9.25.

Most of the offerings had been fed 60 to 90 days. Cows and heifers are slightly lower than a week ago. Good heifers are scarce and medium classes fairly plentiful. No quotable change was reported in veal calves after Monday's 25 to 50 cent decline. Bulls continued in active demand.

Trade in stockers and feeders was active the entire week, and prices ruled strong to 25 cents higher, except for the ordinary classes and they were steady. A good part of the movement was in steers suitable for short feeding, or for holding thru to grass.

Hogs 25 Cents Lower

Hog prices are 25 to 30 cents lower than a week ago, tho 5 to 10 cents above the low point of the week. Bunching of a heavy run on Monday put packers in a bearish mood but later shipping demand was urgent and the lighter weight classes maintained a good market over other classes. The top price was \$8.30, and bulk of sales were from \$8.10 to \$8.25. Pigs sold at \$7.50 to \$8, and packing sows \$7.25 to \$7.40.

In the last two days lambs advanced 25 cents, and they are about that much higher than a week ago. Best light weight lambs are selling at \$14 to \$14.25, heavy lambs \$13 to \$13.65, clipped lambs \$11.75 to \$12.10. Fat ewes are quoted at \$6.50 to \$8.50. The Western run is getting under way.

Horses and Mules

Demand for mules this week was active at firm prices. Most of the mules sold on Southern orders. Good horses were fully steady, but demand for the plain classes was dull.

The following quotations are given at Kansas City on horses: Drafters weighing 1,500 to 1,700 pounds, \$100 to \$140 apiece; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$85; fancy drivers, \$100 and up; medium to good drivers, \$65 to \$100; Southerners, \$50 to \$110.

The following prices are quoted on work mules 4 to 7 years old: Mules 13 1/2 to 14 hands high, \$50 to \$90 apiece; 14 to 14 1/2 hands, \$50 to \$100; 15 to 15 1/2 hands, \$90 to \$150; 15 1/2 to 16 hands, \$100 to \$175; extra big mules, \$150 to \$225.

Dairy and Poultry Products

Butter and poultry this week are reported as unchanged, but eggs are from 1 cent to 2 cents lower. The following quotations are given at Kansas City:

Butter—Creamery, extra in cartons, 53 to 55c a pound; packing butter, 27c; No. 1 butterfat, 50c; No. 2 butterfat, 47c.

Cheese—Longhorn, 20½c; Daisies, 20c; Flats, 20½c; Prints, 20½c; Brick, 26c; imported Roquefort, 45c; Limburger, 26 to 26½c to 27c; imported Swiss, 47c; domestic Swiss, 26c.

Eggs—Firsts, 31 to 32c; seconds, 27c; selected case lots, 38 to 39c; storage eggs, 25 to 30c a dozen.

Live Poultry—Hens, weighing 4 pounds or more, 16c; broilers, 24c; springs, 20c; stags, 12c; roosters, 10c; turkey hens, 27c; old toms, 22c; geese, 13c; ducks, 13c.

Hides, Wool and Furs

The Kansas City hide market is a little easier this week while wool has held firm. Trade in furs has been active on all sorts except for skunk and muskrat. The following quotations are given at Kansas City this week.

Hides—No. 1 green salted, 11c; No. 2 green salted, 10c; side brands, 8c; bulls, 8c; green glue, 5c; dry flint, 16 to 17c; horse hides, \$2.50 to \$4.50; pony hides, \$2.50.

Wool—Kansas, Oklahoma and Nebraska, bright medium, 35c; dark medium, 30c; light fine, 36c; heavy fine, 25 to 30c; Colorado, New Mexico, Utah and Texas, light fine good staple, 30 to 35c; mohair, clear of burs, 30 to 40c.

Furs—Black skunk, \$5; short stripe, \$3; narrow stripe, \$1.75; raccoon, \$6 to \$8; mink, \$4 to \$8; opossum, 75c to \$1.10; muskrat, \$1 to \$1.25; house cats, 10 to 20c; civet cats, 30c; gray fox, 50c to \$2 apiece.

Kansas City Grain Market

Reports that wheat shipments for Germany were being diverted to England caused a sagging tendency in the market at both Chicago and Kansas City. A counteracting tendency resulted from the reports of unfavorable weather in the Southwest which may cause serious damage to the new wheat crop unless rain or snow comes soon.

The following quotations on grain futures are reported in Kansas City: May wheat, \$1.10; July wheat, \$1.05½; September wheat, \$1.03; May corn, 70½c; July corn, 70½c; September corn, 70c; May oats, 48½c.

Hard and dark hard wheat at Kansas City on cash sales this week were from 1 cent to 2 cents lower. Red wheat also declined from 1 cent to 2 cents a bushel. The following sales are reported at Kansas City:

No. 1 dark hard wheat, \$1.16 to \$1.24; No. 2 dark hard, \$1.11 to \$1.24; No. 3 dark hard, \$1.10 to \$1.24; No. 4 dark hard, \$1.15 to \$1.23.

No. 1 hard wheat, \$1.11 to \$1.20; No. 2 hard, \$1.11 to \$1.20; No. 3 hard, \$1.09 to \$1.19; No. 4 hard, \$1.07 to \$1.17; No. 4 hard, \$1.05 to \$1.08; sample hard, 98c to \$1.14.

No. 1 red wheat, \$1.27 to \$1.30; No. 2 red, \$1.26 to \$1.30; No. 3 red, \$1.21 to \$1.27; No. 4 red, \$1.13 to \$1.22.

Corn and Other Cereals

Corn this week at Kansas City declined from ½ to 1½ cents; oats were ½ cent lower, and kafir and milo were from 1 cent to 2 cents lower. The following prices are quoted at Kansas City:

No. 1 white corn, 79½c a bushel; No. 2 white, 69½c; No. 3 white, 69c; No. 4 white, 68½c; No. 2 yellow corn, 70 to 70½c; No. 3 yellow, 69c; No. 4 yellow 68½c; No. 2 mixed corn, 69½c; No. 3 mixed, 69c; No. 4 mixed, 68½c; No. 5 mixed, 67c.

No. 2 white oats, 44½c; No. 3 white, 42½c; No. 2 red oats, 55c; No. 3 red, 50c; No. 4 red, 44c to 50c; No. 2 mixed oats, 69½c; No. 3 mixed, 69c; No. 4 mixed, 68½c; No. 5 mixed, 67c.

No. 2 white kafir, \$1.60 a cwt.; No. 3 white, \$1.58; No. 4 white, \$1.57; No. 2 milo, \$1.83; No. 3 milo, \$1.81; No. 4 milo, \$1.78.

No. 2 rye, \$2 to \$3c; No. 3 barley, 62 to 63c; No. 4 barley, 62c.

Hay and Millfeeds Steady

Hay and millfeeds are reported as steady and in fair demand at Kansas City. The following quotations are reported:

Millfeeds—Bran, \$1.30 to \$1.32½ a cwt.; gray shorts, \$1.47½ to \$1.52½; brown shorts, \$1.35 to \$1.40; linseed meals, \$58 a ton; cottonseed meal, \$51; tankage, \$70 to \$75; alfalfa meal, \$25 to \$28; molasses alfalfa feed, \$25 to \$26; grain molasses horse feed, \$30 to \$33; grain molasses hog feed, \$41.

Hay—Alfalfa, selected dairy, \$27 to \$29; choice alfalfa, \$25 to \$26; No. 1 alfalfa, \$22.50 to \$24.50; standard alfalfa, \$18 to \$22; No. 2 alfalfa, \$15 to \$17.50; No. 3 alfalfa, \$13 to \$14.50.

Big Hereford Dispersion Sale

Union Stock Yards, Denver, Colo., Feb. 7-8

310 Registered Herefords. Herd Sires, Foundation Cows, Young Bulls and Females. Complete dispersion without reserve of the Famous MOUNTAIN TOP HERD

Two Great Days of Bargains

Noted Herd Sires—Our Entire Show Herd—Breeding Cows and Calves and Range Bulls. Raised under the most healthy conditions from the best blood of the breed. Our show and sale records tell the story of breeding excellence. A car of our heifers went to O. Harris of Missouri in 1920 for \$1,000.00 each. A Johnson heifer topped the individual sale that year at \$6,500.00. They have continued to sell at prices that indicate a big demand for this kind of cattle. The offering includes—

70 or more cows by **GAY LAD 12th 395804.**

70 or more cows by **BRIGHT PEVERIL 486884.**

The herds bulls—**GAY LAD 12th 395804, BRIGHT PEVERIL 486884, STANWAY 7th 829-413, and GAY BOY 155th 974500,** our senior yearling show bull.

Over 40 cows sell with calves at foot. 35 or 40 bulls of serviceable age, also the 11 head of cattle that comprise our show herd.

Kansas and Nebraska breeders and stockmen will find it to their interest to attend this sale. Sale opens at 10 A. M. February 7. Write or wire for catalog to

Johnson Bros., Eagle, Colo.

Col. Fred Reppert, Auctioneer.

AYRSHIRE CATTLE

Ayrshires

Increase butter-fat and improve conformation of your herd by use of straightback, level lined bull calves from high producing advanced registry dams and sires. Sales list on request.

DAVID C. PAGE, TOPEKA, KANSAS

ROBT. CAMPBELL'S AYRSHIRES

Breeders interested in buying young Ayrshire bulls are invited to ask for particulars. We have Jean Armour and Howie's Dairy King, etc. breeding. Address ROBT. P. CAMPBELL, ATICA, KANSAS

PROSPERITY'S GOOD GIFT

A choice herd bull whose full sister now holds state championship in her class for milk and butterfat production. GLEN PARIS, DIGHTON, KAN.

JERSEY CATTLE

JERSEYS

Daughters of State Champion Fat Producer. Grandson and granddaughter of World's Champion Fat Producer. Some State Fair winners in our herds. If you want type and production that is priced right, write us. American Jersey Cattle Club, Albert Beam, Americus, Kas.

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 8 yrs. Some have large register of merit records. Others on test now. Many state fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited.

R. A. GILLILAND, DENISON, KANSAS

DO YOU WANT JERSEYS?

If so, write us. We have them in all ages, either sex, one or a carload. Kindly state the number and ages you want to buy when writing. No commission charge to buyer.

KANSAS JERSEY CATTLE CLUB

R. A. Gilliland, Secretary, Denison, Kansas.

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad. J. G. Condon, Hiawatha, Kansas.

SHORTHORN CATTLE

SHORTHORN CATTLE

1923

1923

Sixth Annual National Shorthorn Congress

Show — Banquet — Sale

The Leading Shorthorn Event of the Year—250 Select Shorthorns—50 Herd Heading Bulls—200 Choice Bred, High Quality Females

The buyer's opportunity to secure top cattle from the country's leading breeding plants. The Congress is a good place to buy a foundation herd or to make good additions.

Cattle shown Tuesday, February 20th, sold Wednesday and Thursday, February 21st and 22nd, 1923, at the International Amphitheatre, Union Stock Yards, Chicago, Illinois.

For catalog address

The American Shorthorn Breeders' Assn.
13 Dexter Park Avenue, Chicago, Illinois

HORSES AND JACK STOCK

FOR SALE

Five extra good young Jacks, registered. The big boned kind.

JAMES A. LOWE, ERIE, KANSAS

GREAT SHOW AND BREEDING JACKS

Priced right. Mineman's Jack Farm, Dighton, Kan.

4 Reg. Percheron Stallions For Sale

C. E. WHITTLESEY, Mound Valley, Kan.

FOR EXCHANGE—one large fine registered jack to exchange for good draft stallions. W. E. Dustin, Rt. 1, Topeka, Kansas.

RED POLLED CATTLE

FOSTER'S RED POLLED CATTLE
A few choice young bulls.
C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

CHOICE RED POLLED BULLS

Priced to sell.
W. E. Ross & Son, Smith Center, Kansas.

BULLS, STALLIONS, JACKS, Red Polls, Percherons and Mammoth. Good stock; low prices. George W. Schwab, Clay Center, Neb.

Oklahoma Needs Livestock

To advertise most economically to the largest number of prospective Oklahoma and Texas buyers of purebred hogs, cattle, horses and sheep, use

The Oklahoma Farmer

It is read on 130,000 farms and ranches of that territory; leads in the advertising and news of the livestock business; has the best editorial standing and excels in results. J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, will be glad to tell you about the Oklahoma Farmer or take your orders for it, or you can write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

SHORTHORN CATTLE

Shorthorn and Poland Sale

At Mill Creek Stock Farm 1 mi. from town

Monday, Feb. 12

14 registered Shorthorns; 4 bulls ready for service. 8 cows and bred heifers and 4 open heifers. The bulls and all females are sired by ASHBORNE CLIPPER except the cows that are bred to or have calves at foot by him. 49 bred sows and gilts; Liberator, Big Bob and Yankee, Big Tim and Gertie; Dale Jones. Write for catalog and mention this paper.

Orly R. Cassell

Republican City, Harlan Co., Neb.

Col. E. D. Snell, Auctioneer.

TOMSON SHORTHORNS

Attractive herd bulls of best Scotch breeding. Sired by Village Marshal, Marshall's Crown, 20 heifers suitable for calf clubs or foundation stock. Can furnish females and herd bulls not related. Entire herd under federal supervision.

TOMSON BROS.,

Wakarusa, Kan. or Dover, Kan.

Scotch Shorthorn Bull For Sale

By Village Knight out of daughter of Rosewood Dale. 14 months old, 1200 pounds. Blocky. A good one priced to sell. F. W. BARTHOLOMEW, Great Bend, Kan.

Thos. F. Walker & Sons' Poland Sale At farm near Alexandria, Neb., Friday, Feb. 9

Fifty-two head of Big type bred sows and gilts, Ten head of choice September boars. Herd header prospects sired by Jumbo Black Jack and Big Bone Designer. The sow offering consists of 3 tried sows, 33 fall yearlings, and 16 big spring gilts. 14 head will farrow in February and 38 head in March with a spread of from February 24 to March 22. They are bred to the following three boars: "JUMBO BLACK JACK" by COL. JACK, a 1,000 pound boar, standing 46 inches high, "BIG BLACK BUSTER" a Liberator Buster bred boar. This fellow is as black as a crow, and greatly liked by all breeders who see him. He is a 1921 fall boar, stand-crow, very tall, with heavy bone.

The other boar is a March boar, "LIBERATOR'S GOVERNOR." This fellow is a LIBERATOR GIANTESS bred boar. The offering has had the Double Treatment and should be IMMUNE from cholera. The offering is sired by "JUMBO BLACK JACK," "BLUE VALLEY TIMM," and "BIG BONE DESIGNER." Write for catalog.

Thos. F. Walker & Sons

The Blue Valley Stock Farm, Alexandria, Nebraska

Col. H. S. Dunnean, and Chet McCurdy, Auctioneers.

DAIRY CATTLE

DAIRY CATTLE

Agricultural College Dairy Bull Sale

17 Young Bulls, All From Tested Dams
or From Cows Now on Test

Sale at 2 o'clock p. m., "Farm and Home Week," in the livestock judging pavilion,

Manhattan, Kansas, Tuesday, February 6

Included in the sale will be bulls of the four dairy breeds, several from state record cows. Six Jersey bulls from 6 months old to yearlings. One Guernsey bull, 4 months old. Five Ayrshire bulls from 4 months old to yearlings. Five Holstein bulls from 4 to 6 months old. All of these bulls have been bred and raised in the college herd and their dams are being retained in the herd.

When requesting the catalog please specify the breed desired. For further information and catalogs address

J. B. Fitch, Dept. of Dairy Husbandry, Manhattan, Kan.

HAMPSHIRE HOGS



Hendrichs Hampshire Sow Sale

At Pavilion,

Beatrice, Neb., Feb. 13

40 HEAD—TOPS FROM OVER ONE HUNDRED HEAD. 15 Tried Sows, 10 Fall Yearlings, 15 Spring Gilts. The blood of the most noted sires of the breed. CHEROKEE LAD, NEKA LAD, HENDRICH'S GIANT, and others. Write now for catalog and mention this paper.

T. C. Hendrichs, Diller, Neb.
Col. Rex Young, Auctioneer.

W. F. Dresher's Hampshire Hog Sale

Emporia, Kan., Monday, Feb. 5

2 tried sows, 20 spring gilts, 10 fall gilts. Most of them by or bred to Jefferson Lad by Tessa Lad out of Lady Belle, Clayton Messenger, and John W. The sale includes Kate Lass by Gano's Model out of Kate Queen 3d, and Malinda 5th by Kansas Top out of Malinda 3d. Grand champion in carlot class at the International Livestock Show for the past several years has always been won by Hampshires. They not only please the packers, but they please the farmers because they are prolific, are the best mothers, and exceedingly high percentage of pigs farrowed grow to maturity, and they are very resistant to disease.

We have the kind that will please you. Write for a catalog. Please mention Kansas Farmer-Mail and Breeze. Address

W. F. Dresher, Emporia, Kansas
Wood & Crouch, Auctioneers, J. T. Hunter, Fieldman
Sale at farm 5 miles southwest of Emporia, Kan.

For Sale, 300 Hampshire Bred Sows

and gilts; 25 spring boars; fall pigs. All bred to or sired by the same boars that sired grand champion carlot Fat Hog over all breeds at American Royal Livestock Show, Kansas City, Mo. Write for free Private Sale Lists, also catalog of Feb. 16 sale. WICKFIELD FARMS, F. F. Silver, Prop., Box 8, Oantril, Iowa.

Whiteway Hampshires Shipped on Approval
Winners at the American Royal and the Chicago International. Choice spring gilts, big stretchy kind, weighing 300 lbs., either by or bred to grand champion boars. Fall pigs, pairs and trios.

F. B. WEMPE, FRANKFORT, KANSAS

Hampshire Boars Ready for Service
Priced to sell. Leslie Yeagley, Marion, Kan.

Hampshire Breeding Stock
Satisfaction guaranteed. Wilson Counts, Baldwin, Kan.

REG. HAMPSHIRE, bred sows, boars, all ages; also fall gilts; herd boar, good one. Closing out, selling cheap. Henry Binaud, Burlington, Colo.

BRED AND OPEN GILTS
Messenger bred, etc. Reasonable.
W. F. Dresher, Emporia, Kansas.

HOLSTEIN CATTLE

Mott's Sale Calendar Holstein Sales

Mar. 1—Wm. H. England, Ponca City, Okla.
Mar. 12—Breeders' sale, Norton, Kan.
Mar. 17—Wm. H. England, Ponca City, Okla.
Mar. 20—Holstein-Friesian Breeders' Association of Kansas, Topeka, Kan.
Feb. 14—Breeders' sale, Junction City, Kan.

If you want to buy write to Mott
If you want to sell write to Mott
Address W. H. MOTT, Herington, Kansas.

Reg. Holstein Sale At Fair Grounds Des Moines, Ia., Feb. 6-7

69 Females—12 Bulls
Hargrove & Arnold, Sales Mgrs.,
Norwalk, Ia.

Shungavally Holsteins

Bulls up to 7 mos. of age, from high record cows, both in short and long time test. Some from our Sr. Konigen herd sire and some from Konigen daughters and sired by our junior herd sire, whose dam holds State record for butter for a year as a junior 3-year-old and was 6th in the U. S. last year. This is the best lot of bulls we ever raised both in individuality and production.

IRA ROMIG & SONS, TOPEKA, KAN.

Bonaccord Holsteins Are Productive

They are large, prolific, pure bred and desirable. Our herd is multiplying so fast we must sell something. Herd federal accredited. Write us your wants. We believe we can please you.

LOUIS KOENIG, SOLOMON, KAN.

Holstein Bulls

We have them any age from calves to bulls ready for heavy service. Sired by King Frontier Pontiac and from cows with records up to twenty-five lbs. Priced reasonable. Write us.

O. E. RIFFEL & SON, STOCKTON, KAN.

Registered Holstein Cows and Heifers

Twelve A. R. O. cows, five bred heifers, also two young bulls for sale, sired by and bred to highest record bulls in Kansas. Prices very reasonable.

R. E. STUEWE, ALMA, KANSAS

Artesian Colanthes Rag Apple 379938

Sire a 31 pound bull; dam has 3 A. R. O. daughters. Fine individual. Price reasonable.

H. N. HOLDEMAN, MEADE, KANSAS

BRAEBURN HOLSTEINS. Only young bull

calves, and two cows, or heifers.

H. B. Cowles, 608 Kansas Ave., Topeka, Kan.

REG. HOLSTEIN BULLS FOR SALE. One

ready for service and several calves. Priced reasonable. Write Hugh Wright, Onaga, Kas.

GUERNSEY CATTLE

RANSOM FARM GUERNSEYS

Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams.

Ransom Farm, Homewood, Kansas

REG. GUERNSEY COWS AND HEIFERS

for sale. Young bulls and heifer calves. Also a few high grade cows and heifers.

Dr. E. G. L. Harbour, Box 113, Lawrence, Kas.

Wheat is Over-Pastured

BY A. C. HARTENBOWER

I see quite a few farmers pasturing their wheat these days. And it's probably a good thing to do where the growth is anything like good. But I do hate to see a field of wheat barely thru the soil being grubbed by cattle or horses. A farmer who uses a field in that way undoubtedly is forgetting what will be the effect of such pasturing upon his yield if we have a normal wheat year. The other day I counted 20 cows and 10 horses pasturing on perhaps 40-acres of upland wheat barely showing up green. Again, it always makes me feel like getting out and chasing off a herd of cattle or horses when I see them going in to their knees every time they step in a wet wheat field. There can be no question but that pasturing then is detrimental.

In this connection I see far too many straw piles placed out in the middle of wheat fields. While I know that setting the threshing machine there reduces work, I also know that in wet weather it would be a fine thing, and probably, when the effect of the livestock's tramping up a wheat field were considered, far cheaper to place the straw pile at the edge of the wheat field. If so placed, it could be fenced and cattle kept off the wheat in bad spells.

Pasturing wheat generally doesn't hurt it if the growth is satisfactory and provided it is not done after about February 15 at the latest, and at no time when the field is wet.

Public Sales of Livestock

Percheron Horses
Feb. 27—Mitchell County Percheron Breeders, Beloit, Kan.

Shorthorn Cattle
Feb. 1—E. M. Phillips & Sons, Beverly, Kan.
Feb. 2—Saline Valley Shorthorn Breeders, Lincoln, Kan.

Feb. 12—Orley R. Cassell, Republican, Neb.
Feb. 15—Short Grass Shorthorn Breeders' Association, Morland, Kan.
Feb. 20-22—Shorthorn Congress Sale, Chicago, Ill.

March 12—J. W. Neff, Ulysses, Kan.
March 15—Shawnee County Breeders, Fair Grounds, Topeka, Kan.

March 27, 28, 29—Central Shorthorn Breeders' Ass'n., Kansas City, Mo.
April 10—North Central Kansas Shorthorn Breeders, Beloit, Kan.

April 10—J. C. Dell & Son, Beatrice, Neb.
April 11—Northwest Kansas Shorthorn Breeders' Ass'n., Concordia, Kan.

April 14—Riley, Pottawatomie, Wabunsee Tri County Sale, Manhattan, Kan.
Apr. 18—Northeast Kansas Shorthorn Breeders' Association, Hiawatha, Kan.

Polled Shorthorns
April 20—J. C. Banbury & Sons, Pratt, Kan.

Hereford Cattle
Feb. 2—Saline Valley Breeders, Lincoln, Kan.
Feb. 7-8—Johnson Bros., Eagle, Colo. Sale at Denver, Colo.

April 23—Northern Kansas Hereford Breeders' Association, Blue Rapids, Kan.

Holstein Cattle
Feb. 6-7—Hemphill & Breen & Son, sale at Des Moines, Ia.

Feb. 14—Breeders' Sale, Junction City, Kan.
Feb. 16—A. E. Helm, Glen Elder, Kan.
Feb. 28—J. P. Halsey and A. R. Taylor and others, Parsons, Kan. Combination sale at Parsons, Kan.

Mar. 6-7—Chas. Bros., Webster City, Ia.
Mar. 12—Bradford, Estherville, Ia. Sale at Des Moines, Ia.

Mar. 13—Breeders' Sale, Norton, Kan.
March 20—Kansas Holstein-Friesian Breeders' Ass'n. of Kansas, free fair grounds, Topeka, Kan.

Apr. 17—Wm. H. England, Ponca City, Okla.

Angus Cattle
Feb. 2—Saline Valley Breeders, Lincoln, Kan.

Jersey Cattle
Feb. 20—Vencil Borovicka, Valley Falls, Kan.

Shropshire Sheep
Feb. 14—C. T. White & Son, Lexington, Neb.

Duroc Jersey Hogs
Jan. 31—P. N. Marsh, Sedgewick, Kan.
Jan. 31—W. H. Rasmussen, Norfolk, Neb.

Feb. 1—L. R. Massengill, Caldwell, Kan.
Feb. 1—Vern V. Albrecht, Smith Center, Kas.
Feb. 2—Saline Valley Breeders, Lincoln, Kan.

Feb. 2—Raisdon Stock Farm, Benton, Kan.
A. E. Raisdon, Mgr. Towanda, Kan.

Feb. 2—W. R. Huston, Americus, Kan. Sale at Emporia, Kan.

Feb. 3—Jewell County Breeders, Mankato, Kan.

Feb. 3—E. G. Hoover, Wichita, Kan.
Feb. 5—L. J. Healy, Hope, Kan.
Feb. 5—O. M. Shepherd, Lyons, Kan.

Feb. 6—Ross M. Peck, Gypsum, Kan.
Feb. 6—Wm. Fulk, Langdon, Kan.
Feb. 6—L. L. Humes, Glen Elder, Kan.

Feb. 6—F. H. Preston, Burchard, Neb.
Feb. 6—B. F. Hendricks, Diller, Neb.
Feb. 7—Zink Stock Farm, Turon, Kan.

Feb. 7—E. E. Norman, Chapman, Kan.
Feb. 8—Woody & Crowl, Barnard, Kan.
Feb. 8—S. D. Shaw, Williamsburg, Kan.

Feb. 8—Stafford Co. Duroc Breeders' Association, Stafford, Kan.
Feb. 9—Frank J. Schaffer, Pratt, Kan.

Feb. 10—Fratt Co. Duroc Association, Pratt, Kan.
Feb. 10—S. and R. Cooley, Plymouth, Kan. and Will Albion, Saffordville, Kan. Sale at Emporia, Kan.

Feb. 12—H. C. Eselman, Sedgewick, Kan.
Feb. 13—B. W. Conyers, Severy, Kan., and E. O. Hull, Reese, Kan. Sale at Severy, Kan.

Feb. 14—O. G. Criss, Agricola, Kan.
Feb. 14—W. D. McComas, Wichita, Kan.

Feb. 14—J. C. Stewart & Sons, Americus, Kan. Sale at Emporia, Kan.

Feb. 15—W. O. McBride, Parker, Kan.
Feb. 15—Woodell & Danner, Winfield, Kan.
Feb. 15—Geo. Dimig, York, Neb.

Feb. 19—G. O. Cleaves, Valley Center, Kan.
Feb. 24—Earl Babcock, Fairbury, Kan.
Feb. 16—W. T. McBride, Parker, Neb.

Feb. 16—J. F. Larimore & Sons, Grepola, Kan.
Feb. 17—Putman & Son, Tecumseh, Neb.
Feb. 17—R. C. Smith, Sedgewick, Kan.

Feb. 19—Andrew McMullen, Gibbon, Neb.
Feb. 19—M. R. Peterson, Troy, Kan., sale pavilion, Bendena, Kan.

Feb. 20—Katy Moser, Sabetha, Kan.
Feb. 20—Overstake Bros., Atlanta, Kan.
Feb. 20—A. B. Holmberg, Gibbon, Neb.

Feb. 20—C. J. Fear, Bala, Kan.
Feb. 20—J. R. Ray & Son, Lewis, Kan.
Feb. 21—H. E. Labart, Overton, Neb.

Feb. 21—D. Arthur Childers, Emporia, Kan.
Feb. 21—Stuckey Bros., Corning, Kan.
Feb. 21—R. E. Kempin, Waverly, Kan.

Feb. 21—Enoch J. Smith, Lawrence, Kan.
Feb. 22—M. J. Brower, Sedgewick, Kan.
Feb. 22—Dr. C. H. Burdett, Centralia, Kan.

Feb. 22—Archie French, Lexington, Neb.
Feb. 23—Glen R. Coad, Cawker City, Kan.
Feb. 23—Glen R. Coad, Cawker City, Kan.

Feb. 23—R. W. Newcom, Benton, Kan.
Feb. 24—Poland—Boeckensette—Woodbury, Comb. Sale, Sabetha, Kan.

Feb. 24—H. W. Flock & Son, Stanley, Kan.
Feb. 24—Glen Bickensette, Oberlin, Kan.
Feb. 26—Breeders' Sale, Concordia, Kan.

Feb. 27—Reno County Duroc Association, Sale at Hutchinson.
Feb. 28—Lock Davidson, Wichita, Kan. (Sale at Caldwell, Kan.)

March 3—Marcy & Critchfield, Fall River, Kan.
March 6—D. S. Sheard, Esbon, Kan.
March 7—Earl J. Anstett, Osage City, Kan.

March 7—W. H. Rasmussen, Norfolk, Neb.
March 7—L. A. Poe, Hunnwell, Kan.
March 10—Johnsen & Dimond, Fairbury, Neb.

March 10—E. W. Nickell and E. L. Newell, Dodge City, Kan.
March 15—Duroc Association, Burlington, Kan.

March 17—John Hern, Wamego, Kan.
April 16—Wm. H. England, Ponca City, Okla.
April 20—Heiber & Hytton, Osawatomie, Kan.

April 21—Homer Rule, Ottawa, Kan.
April 26—Laptad Stock Farm, Lawrence, Kan.

Spotted Poland China Hogs
Feb. 7—Lyon Co. Spotted Poland Breeders' Association, Sale at Emporia, Kan.

Feb. 19—Pottawatomie County Spotted Poland China Breeders Association, Onaga, Kan.

Feb. 20—Henry Field, Shenandoah, Ia.
Feb. 23—Miller & Manning, Council Grove, Kan.

Feb. 23—Kansas State Spotted P. C. Ass'n. at Manhattan, Kan.
March 5—Jas. S. Fuller, Atton, Kan.

March 20—Henry Field, Shenandoah, Ia.
Apr. 17—Henry Field, Shenandoah, Ia.

Poland China Hogs
Jan. 29—Ross McMurry, Burrton, Kan.
Jan. 30—J. C. Costin, Wichita, Kan.

Feb. 2—Saline Valley Breeders, Lincoln, Kan.
Feb. 2—Peter J. Tisserat & Sons, York, Neb.
Feb. 6—Mr. and Mrs. W. McCurdy, Tobias, Neb.

Feb. 7—H. B. Walter & Son, Bendena, Kan.
Feb. 9—Thos. Walker & Sons, Alexandria, Neb.

Feb. 9—I. E. Knox, South Haven, Kan.
Feb. 12—A. L. Wiswell & Son, Ocheltree, Kan.

Feb. 12—Orley R. Cassell, Republican, Neb.
Feb. 14—J. C. Stewart & Sons, Americus, Kan. Sale at Emporia, Kan.

Feb. 14—C. S. Nevius & Sons, Chiles, Kan.
Feb. 15—Deming Ranch, Oswego, Kan.
Feb. 15—Breeders' Sale, Concordia, Kan.

Feb. 15—Snyder & Caswell, Broughton, Kan.
Feb. 15—Sale new sale pavilion, Beloit, Kan.
Feb. 20—Stafford County Breeders' Association, Sale at Stafford, Kan.

Feb. 22—W. A. Davidson, Simpson, Kan.
Feb. 24—Chas. Krill, Burlington, Kan.
Feb. 26—F. E. Wittum, Caldwell, Kan.

Feb. 28—Clarence Dean, Weston, Mo. Sale at farm near Dearborn, Mo.
Mch. 6—Kennedy, Nicholson & Baker, Blue Mound, Kan.

March 8—J. E. Baker, Bendena, Kan.
March 9—Reno County Poland Breeders' Association, Sale at Hutchinson, Kan.

March 9—Logan Stone, Hadlam, Kan.
March 12—J. W. Neff, Ulysses, Kan.
April 26—Laptad Stock Farm, Lawrence, Kan.

Chester White Hogs
Jan. 30—Henry and Alpha Wiemers, Diller, Neb.

Jan. 31—Wm. Buehler, Sterling, Neb.
Feb. 16—Morton Bros., Oberlin, Kan.

Hampshire Hogs
Feb. 5—W. F. Dresher, Emporia, Kan.
Feb. 13—T. C. Hendrichs, Diller, Neb. Sale at Beatrice, Neb.

Feb. 16—Wickfield Farms, Cantril, Ia.
Mar. 14—Wickfield Farms, Cantril, Ia. Sale at Sioux City, Ia.

Sale Reports and Other News

Poland Meeting at Manhattan
Poland China breeders of Kansas will meet at Manhattan, Kansas, February 6th. This is during "Farm and Home Week" at the Kansas State Agricultural College and the meeting will be held at the college in quarters provided by the Animal Husbandry Department. R. W. Halford of Merriam, secretary of the Kansas Association.

Durocs at Newton Averaged \$50
In the Duroc sale at Newton, Kan., 46 sows and gilts averaged \$50.60 and 1 boar sold for \$41.00. Top was \$250 for a daughter of Constructor, the world's grand champion consigned by the 101 Ranch, Bliss, Okla., and bought by Zink Stock Farm, Turon, Kan. Three head sold for \$100 or over. John Molzen, Newton, bought the most, 6 head.

Guernsey Sale at Newton
Twenty-one cows and heifers averaged \$107.50 with a top of \$220. 1 bull sold for \$112.50 and 2 calves sold for an average of \$40. Dr. W. C. Hall, Coffeyville, Kan., bought the top cow at \$220. He also paid second highest price, \$200 for another female. These cattle were mostly grades, shipped from Wisconsin direct to the annual combination sales at Newton, Kan., and were hardly in condition to sell.

Newton Poland Sale Averages \$40
In the recent Poland China hog sale at Newton, Kan., 33 females sold for an average of \$39.75. Two boars sold for a

total of \$100. The 40 head averaged \$40. Top was \$72.50 for a spring gilt by T's King Pin out of T's Maid 5th and bred to Reputation consigned by S. J. Tucker, Wichita, Kan., and bought by A. J. Schlickau, Haven, Kan. H. A. Heatwell, Newton, Kan., and Geo. Clark, Florence, Kan., bought 4 each, the most taken by one man.

Brisk Percheron Sale at Newton

Eight mares averaged \$163.50 with a top of \$200 and four stallions averaged \$172.50 with a top of \$220 at the recent annual combination sale at Newton, Kan. Four colts averaged \$61.25. Sale average on the 16 head was \$151.00. Top was a stallion at \$220 consigned by A. H. Taylor, Sedgwick, Kan., and bought by Sam Kline, Marion, Kan. Top female was \$200 consigned by Wm. Branson, Overbrook, Kan., and bought by Harry Eshelman, Sedgwick, Kan. Interest was good and bidding prompt.

H. T. Hayman's Poland China Sale

H. T. Hayman, Formoso, Kan., sold 50 Poland China bred sows and gilts in his annual bred sow sale at that place, January 13. He writes me as follows: "Guess the advertisement in the Mail and Breeze must have been read as we had 100 here from a distance for dinner. There were 75 autos here. We had a top of \$69 and sold six extras and could have sold 20 more at the same average." It looks like there was a real strong demand for bred sows among farmers and that it was getting better all the time.

"Spots" Sold Fast but not High

In the recent spotted Poland sale at Newton, Kan., the hogs went like hot cakes but at pretty plain prices. Twelve sows averaged \$36.50 with a top of \$47.50. Eighteen gilts averaged \$26.75 with a top of \$35. The 30 head averaged \$36.00. Top sow, a 2 year old by Budwieser Boy out of Babe consigned by Thos. Weddle, Valley Center, Kan., was taken at \$47.50 by Clarence Brelinner, Newton, Kan., Elwood Rothchild, Lovewell, Kan., and Ray Lowe, Newton, Kan., took four each, the most taken by one man.

Hereford Sale Better Than Last Year

In the recent Hereford sale at Newton, nine cows averaged \$97.00 with a top of \$97.50. Fifteen under-yearling gilts averaged \$45.00 with a top of \$57.50. The 24

females averaged \$64.00; four bulls averaged \$144.75 with a top of \$250; eight under-yearling bulls averaged \$53.50 with a top of \$127.50. The twelve bulls averaged \$84.00. The 36 head averaged \$70.00. Top was \$250 for a son of Repeater 126th out of a Beat Ideal dam consigned by G. L. Matthews & Son, Kinsley, Kan., and bought by J. H. Schlickau, Haven, Kan. R. E. McFarland, Newton, bought the most animals, nine head, and Leo Steinkirchner, Newton, bought 8 head.

Shorthorn Females Averaged \$127.65

In the recent Shorthorn sale at Newton, Kan., 27 cows averaged \$140.50 with a top of \$400. Twelve cows sold for \$100 or better. Seven under-yearling heifers averaged \$77.85 with a top of \$200. The 34 females averaged \$127.65. Ten bulls averaged \$148 with a top of \$355. Seven bulls sold for \$100 or over. Six under-yearling bulls averaged \$131.00 with a top of \$235. Four sold for \$100 or over. Top was a 4 year Sittytown Clipper cow by Gainsford Marshal consigned by O. Q. Nauman, Craig, Mo., and bought for \$400 by E. J. Haury, Halstead, Kan. Top bull, by Sultan Mine 2d, consigned by G. A. Gumerson, Kremlin, Okla., and bought for \$355 by A. W. Buhner, Chapman, Kan. Mr. Buhner bought the most animals, five head.

Cashed \$6,131.50 Worth Daily

At the annual Newton, Kan., auctions, January 16 to 18, 42 breeders from Missouri, Oklahoma, and Kansas sold 243 head of pure bred livestock for a total of \$18,394.50. The buyers were 125 farmers and breeders from Kansas and Oklahoma. The seven breeds of livestock represented, Shorthorns, Herefords, Polands, Durocs, Spotted Polands, Percherons, and Guernseys, were sold in three days. Sales were held in the large city auditorium. Selling began each morning at 9:00 a. m. and continued until 4 or 5 p. m. with brief intermission for lunches. Shows of livestock occupied each evening.

Large crowds of people were present at each sale. Thirteen breeders sold 50 Shorthorns to 32 buyers at an average of \$132.00; three breeders sold 36 Herefords to 13 buyers at an average of \$70.00; 10 breeders sold 47 Durocs to 23 buyers at an average of \$50.00; six breeders sold 40 Polands to 23 buyers at an average of \$40.00; three breeders sold 30 Spotted Polands to 16 buyers at an average of \$36.00; seven breeders sold 16 Percherons to nine buyers at an average of \$151.00; and one breeder sold 24 Guernseys (mostly grades) to nine buyers at an average of \$106.50.

Notes From the Field

BY J. W. JOHNSON

Logan Stone, Haddam, Kan., sells Poland China bred sows and gilts in a public sale at that place, March 9. The sale will be advertised in the Mail and Breeze in due time.—Advertisement.

Enoch Lundgren, Osage City, Kan., sells Duroc Jerseys, 55 bred sows at Osage City, Kan., Wednesday, February 21. This sale will be advertised in the next issue of the Mail and Breeze. You can ask him for the catalog at once.—Advertisement.

C. J. Fear's Duroc Sale

C. J. Fear, Bala, Kan., will sell Duroc Jersey bred gilts and a few tried sows at his farm near Bala and Leonardville, Tuesday, February 20. If you are posted about Duroc Jerseys you know of the winnings for the last few years that the Fear herd has made. The sale will be advertised in the next issue of the Mail and Breeze.—Advertisement.

Stout & Sons' Shorthorns

T. F. Stout & Sons, Studley, Kan., change their advertisement in the Shortgrass section in the Shorthorn page with this issue. They are offering in their advertisement at the present time Duroc Jersey bred sows as they breed Durocs along with the Shorthorns. Their Shorthorn herd is headed by Baron Tommy and their herd cows are of Sultan breeding.—Advertisement.

Vern Albrecht's Duroc Sale

Vern V. Albrecht is advertising his Duroc sale in this issue. On February 1 Mr. Albrecht will sell at Smith Center, Kan., 50 head of tried sows, fall and spring gilts. The offering was sired by Cherry Chief, Pathfinder Chief 3rd, Orion Select, and other good boars. They are bred to Orion Select and Giant Pathmarker. Look up his advertisement and send for catalog.—Advertisement.

Pottawatomie County Spotted Poland Sale

The Pottawatomie County Spotted Poland China breeders association will sell 45 head of bred sows and gilts in their association sale at Onaga, Kan., Saturday, February 10. The offering is made up from drafts from the good herds of the county and the sale will be advertised in the next issue of the Mail and Breeze. For the catalog write at once to Ray Worthing, secretary, Belvue, Kan., mentioning the Mail and Breeze.—Advertisement.

Northeast Kansas Duroc Sales

The Northeast Kansas Duroc Jersey bred sow sale circuit starts February 19 with M. R. Peterson's sale in the sale pavilion at Bendena, Kan. Mr. Peterson gets his mail at Troy but sells in Bendena in the new sale pavilion. The following day, February 20 Katie Moser sells at Sabetha, Kan. The day following the Moser sale R. E. Kemplin sells at Corning, Kan., and the day following the Kemplin sale Dr. C. H. Burdett sells at Centralia, Kan. These four good sales will be among the best sales to be held in Kansas this year and you can write for the catalogs any time. Remember you can attend all four sales very conveniently. Write for the catalogs at once and mention the Mail and Breeze when you write. All four sales will be advertised in the Mail and Breeze next week.—Advertisement.

Miller & Manning's Spotted Poland Sale

Miller & Manning, Council Grove, Kan., own and operate one of the largest herds of pure bred Spotted Poland China herds in existence. At present the herd numbers over 600 head. Their advertisement appears in this issue of the Mail and Breeze in which they offer 250 bred sows and gilts sired by and bred to some of the best known Spotted Poland China sires in the country. Write them for prices on bred sows and gilts, also on prices for boars for late buyers. In fact most anything in the Spotted Poland China line. Write them

Deming Ranch Poland Sale



RANCH YANKEE

class at National Swine Show; sire of The Diamond, 1921 world's junior champion; 1922 grand champion. RANCH YANKEE by Kansas Yankee was 1922 grand champion at Topeka, Hutchinson, Muskogee, Atlanta, and his litter brother, RANCH YANKEE stood next to him in all shows. MASTADON BOB by Big Bob's Jumbo was first senior yearling 1921 Hutchinson fair and first aged boar at 1922 Topeka, Hutchinson, Atlanta. LONGFELLOW by Blue Valley Wonder was 1920 Hutchinson junior champion. King Kole Leader by King Kole, Big Bob's Jumbo. Divided by Cook's Liberty Bond, etc. DAMS: LIBERTY ORANGE MAID, MISS E. BUSTER, BIG MAID, CHOICE MAID, FUTURITY MAID, SHELTON'S CHOICE, etc. AN OFFERING THAT WILL BE UNSURPASSED and equalled by few if any this season in Kansas or the Southwest. YOU SHOULD BE PRESENT. If you cannot attend you may send buying orders to J. T. Hunter. Be sure to mention this paper. For catalog address

H. O. Sheldon, Manager Hog Department of the R. O. Deming Ranch **Oswego, Kan.**
Auctioneers: Morton, Hall, Sanders. Fieldman, J. T. Hunter.

Your first opportunity for a long while to buy Deming Ranch Polands at Auction.

Oswego, Kan., Thursday, Feb. 15

60 head; 19 tried sows, 31 bred gilts, 5 open gilts, 5 boars. These noted boars and dams, most of which are in the Deming herd today, produced the offering that sells Feb. 15. BOARS: The LATCHNITE by Yankee was 4th in

Sampson's Poland Sale

At Farm Near

St. Joe, Missouri, February 12, 1923

50 head of valuable sows sired by such boars as Buster Defender, Peter the Great 2nd, Eclipse, and Melba's Illustrator. They will be bred for March litters to my new herd boar, The Outlook by The Outpost, and Monte Carlo by The Tarzan out of Melba's Best, one of the best brood sows on the farm. Please send for catalog and come to my sale. If for any reason you cannot attend, I guarantee all bids sent to O. Wayne Devine in my care. Free transportation from St. Joseph to farm.

Grover E. Sampson, St. Joe, Mo.

Superiority Predominates In Wiswell Poland China Sale

Ocheltree, Kan., Monday, Feb. 12

50 head: 10 tried sows, 15 fall yearlings, 25 spring gilts. Superior Breeding. Sired by or bred to The Emancipator by Emancipator out of Liberty Lady by Liberty Bond; Dunningdale Prospect by Dunningdale Giant out of a daughter of Surprise Prospect; Black Bob by a son of Big Bob; The Style by The Emancipator, and A Peacock by The Peacock. Some are by Clan's Model, Model Big Jones, Black Bob and Giant Ranger. All are well known sires or good breeding sons of well known sires that have proven themselves as show and breeding sires. Superior Quality. A number of sows weigh 500 to 750 pounds; fall yearlings 350 and better; spring gilts, 300. Nothing fat, but in good growing condition and will make good brood sows for you, because they have superior breeding and superior quality.

Many Polands Distributed From Wiswell Herd. A. L. Wiswell has lived on same farm 49 years. Has raised purebred Polands last 10 years. Shipments have gone out to Carolina, Oregon, Texas, Oklahoma, Colorado, Missouri, Brazil as well as to all parts of Kansas. Customers continually give repeat orders. Wiswell will deliver the goods February 12. Sale under cover. Oil road within 1 mile from farm, 3 m. northeast Ocheltree, Kan., 9 m. southeast Olathe, Kan., 19 m. northeast Paola, Kan. Send all buying orders to J. T. Hunter who will represent Kansas Farmer. Please mention Kansas Farmer. For catalog address

A. L. Wiswell & Son, Ocheltree, Kansas
Auctioneers, Rule, Cole, Jameson; Fieldman, J. T. Hunter

Poland China Bred Sow Sale

Bendena, Kansas, Wednesday, Feb. 7

Our sale offering is bred to the great boars BENDENA GIANT, OPPORTUNITY, BENDENA BOB. Catalog tells all the particulars. Write for it NOW.

H. B. Walter & Son, Bendena, Kansas

BIG TYPE POLANDS. Sows and gilts bred for March and April farrow. Best breeding; immuned. Geo. V. Dean, Rt. 4, Pittsburg, Kas.
POLAND CHINA BOARS by Designer. A few Designer gilts bred to CICOTTE JR. Farmer prices. J. R. Houston, Gem. Kansas.

WHERE TO WRITE OR TELEPHONE About Livestock Advertising

Following are the addresses of the men who handle livestock advertising for the Kansas Farmer-Mail and Breeze and also the Oklahoma Farmer, the Missouri Ruralist and the Nebraska Farm Journal:

John W. Johnson, fieldman for northern Kansas, 820 Lincoln St., Topeka, Kan.

J. T. Hunter, fieldman for southern Kansas, 427 Pattie Ave., Wichita, Kan.

Stuart T. Morse, fieldman for Oklahoma, 631 Continental Bldg., Oklahoma City, Okla.

O. Wayne Devine, fieldman for northern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Charles L. Carter, fieldman for southern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Jesse R. Johnson, fieldman for southern Nebraska, 227 South 13th St., Lincoln, Neb.

R. A. McCartney, fieldman for northern Nebraska, 227 South 13th St., Lincoln, Neb.

W. J. Cody, officer manager, or T. W. Morse, director, care address below.

Notice: Orders for starting or stopping advertisements with any certain issue of this paper, should reach this office on or before Saturday, seven days before the date of that issue.

Instructions mailed as late as Friday evening on advertising to appear the following week, should be addressed direct to

THE LIVESTOCK SERVICE,
Capper Farm Press, Topeka, Kansas.

POLAND CHINA HOGS

Hill's Big Type Quality Poland Chinas

Bred gilts for March and April farrow, sired by Giant Liberator by Liberator; Hill's Col. Jack by Col. Jack; The Colonel; Clan's Bob and Liberty B. B. They are bred to Prairie Pete by Peter Pat; Giant Liberator and Royal Bob. Immunized, guaranteed and ready to ship.

W. H. HILL, MILO, KANSAS

Fairview Poland Chinas

Choice tried sows, fall yearling and spring gilts, bred to Model Jones and Peacock Jr. for March and April litters. Also serviceable boars and fall pigs. All immuned and priced to sell quickly.

P. L. WARE & SON, PAOLA, KANSAS

Mapes' Big Type Polands

Big spring gilts sired by or bred to Col. Designer, first prize Jr. yearling, for March farrow. Immunized and guaranteed. Special attractions to pig club boys. For prices and particulars write Jas. Mapes, Narka, Kas.

Loy's Big Type Polands

Large stretchy gilts sired by King Rainbow, Prairie Pete and Giant Liberator 2nd. Bred to Loy's Royal Flush, the largest big type boar in Kansas for his age. Immunized and guaranteed.

G. E. LOY, BARNARD, KANSAS

Big Type Polands

Fall pigs, either sex, sired by Big Orange and Jayhawk. Also bred gilts. Priced right.

JOHN D. HENRY, LECOMPTON, KANSAS

Bred Sows and Gilts

Bred to Bob Knox 2d, Kansas Checkers, The Ranger. **C. R. Rowe, Rt. 1, Scranton, Kan.**

SPOTTED POLAND CHINA HOGS

SYLVAN PARK STOCK FARM

Parkville, Kansas

600 Spotted Poland Chinas

Anything you want at any time. We have 250 top sows and gilts bred for our 1923 customers. They are mated with M. & M.'s English Booster; Kansas Pickett, by Pickett's Spotted Giant, a grand champion; Sylvan Giant by Peter Pan; M. & M.'s Spotted Ganger by the International champion, Spotted Ranger; Pathfinder's Model III, by the grand champion, English Pathfinder.

Do not fail to write or see us. We guarantee our hogs. Railway station on farm. Next Bred Sow Sale February 22. DR. B. E. MILLER, F. H. MANNING, Council Grove, Kan., Parkville, Kan.

Dispersion Sale of Faulkner's Famous Spotted Poles

Jamesport, Missouri
Wednesday, Feb. 14

Article 10 of the By-laws of the American Spotted Poland China Record Association reads: "The secretary is barred from owning, buying or selling Spotted Poland China Sows." So I have dispersed my herd, the oldest herd of Spotted Poland China breeders as secretary of the American Record. Herd sows and herd boars sold that I have refused to price and would not sell under any other circumstances. Arrange to be out guest sale day. Ask for the catalog.

H. L. FAULKNER, KANSAS CITY, MO.
401-2 Ozark Bldg., 10th and Main
O. Wayne Davis, Fieldman
P. M. Gross and assistants, Auctioneers.

Lyon County Spotted Poland China Sale

Pavilion, Emporia, Kan.
Wednesday, Feb. 7

Large number choice bred sows and gilts of following blood lines: Spotted King, Buckeye Superior, Y's Royal Prince IV, etc. Bred to Gates Jumbo, Arch Back Carline, a grandson of Arch Back King, a son of Gates Improver, a son of Emancipator, etc.

Write for a catalog. Address W. T. Sutton, Secy., Emporia, Kan. Mention Kansas Farmer. If unable to attend send bids to F. H. Manning in care of Mr. Sutton.

Logan Taggart, President, Ope, Kansas
W. T. Sutton, Secretary, Emporia, Kan.
Wood and Crouch, Auctioneers

Spotted Poland Chinas
3 Bred Sows

Extra good ones due to farrow March and April \$75.00 each. 8 gilts and 8 boars, weigh from forty to 60 pounds. Pigs from above sows sired by Commodore 38197. Prices for gilts or boars \$20.00 each.

J. R. SEBRY, DOWNS, KANSAS

\$35.00 Buys Spotted Spring Gilts

By the Emancipator, a son of the International grand champion at Chicago, and Marshall's Giant. Bred for March litters to Bluegrass Giant, son of the grand champion Missouri State Fair and Singleton's Giant. G. C. ROAN, ETHEL, MACON CO., MO.

Weddle's Bred Gilts, Boars, Fall Pigs

This includes over 50 choice gilts bred to Weddle's Spotted Aristocrat. Priced reasonably. THOS. WEDDLE, Valley Center, Kan.

Bred Sows and Gilts

and good fall pigs of fashionable breeding and correct type.

T. L. CURTIS, DUNLAP, KANSAS.

SPOTTED POLAND CHINA BOARS

35 head large spring boars, big husky fellows, well marked, all immune. Satisfaction guaranteed or money refunded. Priced to sell. \$25 and \$35, first check or draft gets choice. Don't delay if you want a bargain. Also bred sows and gilts, priced reasonable.

Tom E. McCall, Carthage, Mo.

SPOTTED POLAND CHINAS

Boars and open gilts, bred sows and gilts for sale. Cedar Row Stock Farm, Burlington, Kan. A. S. Alexander, Prop.

FOR SALE! Twenty-nine brood sows, fifteen tried sows, fourteen gilts, bred for March farrowing.

HUGH MCCLAIN, Rt. 4, McPherson, Kansas

SHEEP

375 HIGH GRADE SHROPSHIRE EWES
For sale. Bred. Mostly two and three. Shear about 10 lbs. Will sell all or part. Price \$8.00 to \$12.00.

F. M. Giltner, Winfield, Kansas.

Missouri Purebred Buyers

Have come more into Kansas the past five years than for fifty years before. If you have the goods you can interest them. One big reason is the fact that all Missouri railroads lead to Kansas City, the gateway to this state. But you must use

The Missouri Ruralist

to reach the largest possible number of prospective buyers at lowest cost in proportion to service. It has about four times the circulation of the next largest Missouri farm paper and is read on 100 times as many Missouri farms as the average of the breed papers. No advertising starts to "cover" Missouri on a livestock basis, unless it includes the Missouri Ruralist. Ask John W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE

Capper Farm Press, Topeka, Kan.

today for prices at private sale at once. Their next bred sow sale is February 22 in the sale pavilion at Council Grove, Kan. Look up their advertisement in this issue of the Mail and Breeze and write them at once. Tell them to also send you their bred sow sale catalog.—Advertisement.

Glen R. Coad's Duroc Sale

Glen R. Coad, Cawker City, Kan., sells Duroc Jersey bred sows at his farm five miles straight north of Cawker City, Friday, February 23. There will be 50 sows in this big sale and the breeding will be of the very best. You can ask him for the catalog at once. The sale will be advertised in the next issue of the Mail and Breeze.—Advertisement.

The Glen Elder, Kan. Holstein Sale

A consignment sale of 50 registered and high grade Holsteins will be sold at the A. E. Helm farm near Glen Elder, Kan., Friday, February 16. Mr. Helm is selling all of his cattle to close up a partnership and Mr. Riffel of Stockton is selling his cattle because he is leaving the farm. The sale is held under the auspices of the Northwest Kansas Holstein breeders association and O. L. McCoy, secretary and sale manager for this association has the sale in charge. It is going to be a good sale of real high quality cattle. The sale will be advertised in the next issue of the Mail and Breeze. These cattle will be sold under the usual guarantee as to health and every one wanting cattle can buy here feeling that he is safeguarded because he is buying from men who are reliable and because this association is behind the sale.—Advertisement.

Ross M. Peck's Duroc Sale

Ross M. Peck, Gypsum, Kan., sells 45 Duroc Jersey bred sows and gilts in his annual bred sow sale at his farm near Gypsum, Kan., Saline County, Tuesday, February 6 which is the day following the Leo J. Healy sale at Hope, Kan. It will be easy to attend both sales and E. E. Norman sale at Chapman, Kan., the day following the Peck sale. Seven tried sows, 20 fall yearlings and 18 spring gilts comprise the offering. The breeding is extra good. The tried sows are daughters of Joe Orion 2nd, Proud King Orion and Illustrious 2nd. The fall and spring gilts are of very choice breeding and well grown and good at the way thru. Write for the sale catalog at once. Look up the advertisement in this issue. He is selling in the north central Kansas sale circuit. You can attend all of these sales very conveniently.—Advertisement.

Stants Brothers' Durocs

Stants Bros., Hope, Kan., are regular advertisers in the Duroc Jersey section of the Kansas Farmer-Mail and Breeze and at present are advertising bred sows and gilts and offer very liberal terms to anyone wanting to buy. They do an exclusive private sale business and have a large number of satisfied customers all over the central west. They keep abreast of the times in the matter of correct type, popular blood lines and are careful, painstaking breeders who never fail to satisfy a customer. They are the owners of one of the good sons of the Commander and several other boars of note. Look up their advertisement and write them at once. They have been selling to customers, old and new, all over the country for a year's time and are still doing so. If you are interested and want a few gilts or bred sows, write them right away.—Advertisement.

L. L. Humes Duroc Sale

L. L. Humes, Glen Elder, Kan., Mitchell county, sells 60 Monarch Duroc Jersey bred sows and gilts in his annual bred sow and gilt sale at his farm nine miles south of Glen Elder, Kan., Tuesday, February 6. The offering consists of 50 selected spring gilts from his big 1922 spring crop and 10 tried sows, the kind that they don't sell very often. All are of the best of breeding and the blood of Calculator, one of the best bred boars in existence. Old Calculator is still on duty and some of the offering is bred to him for good early March litters. Eighty weanling pigs will be sold and they are dandies, just the same breeding and just as good only they are pigs. But it will be a great place to buy if you want to start in the Duroc business and want to start right. You can have the catalog at once by writing L. L. Humes, Glen Elder, Kan. Mention the Mail and Breeze when you write.—Advertisement.

E. M. Phillips & Sons' Shorthorn Sale

This is the last call for the E. M. Phillips & Sons' Shorthorn sale at Beverly, Kan., Lincoln county, next Thursday, February 1. The sale will be held at the Phillips farm, north of Beverly a short distance and it is a combination sale with selections from the Phillips herd and from the V. A. Plymott herd of Barnard, Kan. About 40 head will be sold and there will be a real chance to buy Scotch topped bulls of serviceable age and sows and heifers of the kind you know will strengthen your herd.—Advertisement.

Holstein Sale at Emporia, Kan.

W. H. Mott, Herington, Kan., announces in this issue the big double dispersion sale of Holsteins at Parsons, Kan., February 28. The sale will be held at the fair grounds at Parsons and is the complete dispersion of two good herds, both under federal supervision and closing out for the best of reasons. Mr. A. E. Taylor is a well known breeder at Parsons and Mr. J. P. Falsell is a dairyman at that place. Seventy-five registered cattle are being cataloged for this sale and it is going to be a good place to buy. There will be many high record cows in the sale with their daughters and you know without being told that a sale in which two herds are being completely dispersed and where the number is as many as 75 there are sure to be good opportunities to buy. Write to W. H. Mott, sale manager for the sale catalog. Better write at once as it is about ready to mail out.—Advertisement.

N. E. Kansas Shorthorn Sale

D. L. Dawdy, Arrington, Kan., as sale manager for the Northeast Kansas Shorthorn breeders association has claimed April 18 as the date for the association's annual spring sale. Among the earlier consignors are John McCoy & Son, Sabetha; M. E. Beven and Vansell & Son, Muscotah. T. J. Sands, Robinson, Kan., is president of the association and will likely be a consignors with a number of others who always consign something good in order to make a good offering. The sale will be held at Hiawatha as usual in the sale pavilion there. If you live in Northeast Kansas and

breed Shorthorns you should belong to this association. If you have something good to sell in this spring sale you can become a member and consign by writing to sale manager D. L. Dawdy, Arrington, Kan. But you should act at once as they want to know as soon as possible who the consignors are to this sale.—Advertisement.

Inquiry for Shorthorn Bulls Improving

E. A. Myers of Troy, Kan., who advertises in the Shorthorn section of the Kansas Farmer-Mail and Breeze reports some inquiries for bulls which doubtless will develop into sales as the buying season approaches. As is true in nearly all such cases, the buyer who acts first has opportunity to secure the best values. The values now being offered by Mr. Myers and others in the Shorthorn section are very acceptable.—Advertisement.

L. J. Healy's Duroc Sale

L. J. Healy, Hope, Kan., Dickinson county will start the north central Kansas Duroc Jersey bred sow sale circuit with an offering of 45 very choice bred sows and gilts in his annual sale at the farm joining Hope, Monday, February 5. It is an offering of well grown, well conditioned tried sows, fall and yearlings and spring gilts of Sensation, Pathfinder and Orion Cherry blood lines and bred to two good boars, one, Great Pathfinder, a son of Paramount Pathfinder (The Hanks & Bishop boar) the other, a grandson of Great Orion Sensation the two times world's champion. In the tried sow division of this sale will be found some real producers, sows that you will appreciate because of their good size and their evidence sale day of their ability as producers. The sale is the day before the Ross M. Peck sale at the farm near Gypsum. Good connections for the four sales in this circuit that week. Write at once for the catalog. Address Leo J. Healy, Hope, Kan.—Advertisement.

F. B. Wempe's Hampshires

F. B. Wempe, Frankfort, Kan., offers open or bred gilts, big nice ones weighing 300 pounds and better either by or bred to a grand champion boar. I met Mr. Anderson of the agricultural college recently and he told me about the six 1921 fall-born gilts that the college bought of Mr. Wempe last March. These barrows were shown at the American Royal and at the International at Chicago. At the Royal they won first on pen of three; second in individual class; third and sixth in individual classes. At Chicago they won 2nd and 8th in individual classes, 2nd prize pen of three barrows, 2nd prize pen of five barrows, the get of one sire. Mr. Wempe breeds the best in Hampshires and his prices are very reasonable and he sells them on approval which is a guarantee that they are always as good or better than represented. He is one of the strong breeders of Hampshires and a good man to deal with if you want your money's worth. Look up his advertisement in this issue of the Mail and Breeze.—Advertisement.

Jewell County Duroc Breeders' Sale

The Jewell County Duroc Jersey breeders association will sell 40 bred sows and gilts at Mankato, Kan., Saturday, February 3. The offering is drawn from nine of the good herds of the Jewell county association and every animal that goes in the sale has been inspected by R. W. Kiser, livestock specialist from the agricultural college at Manhattan. It is a sale worth while and breeders and farmers who are going to buy Duroc Jersey bred sows or gilts this winter should get the catalog at once and arrange to attend this sale. The sale is in charge of J. B. Angle, Courtland, Kan., and K. D. Thompson, Mankato, Kan., Jewell county farm bureau agent is secretary. For the catalog address Mr. Thompson at once. In this sale you are buying the tops from nine herds and where breeders are banded together in an association of this kind it is always for the mutual good of both the buyers and the sellers. A Jewell county association sow or gilt will prove a good investment. Get the catalog at once.—Advertisement.

E. E. Norman's Duroc Sale

E. E. Norman, Chapman, Kan., sells Duroc Jersey bred sows and gilts in Chapman, Wednesday, February 7, the day following the Ross M. Peck sale at Gypsum, Kan. Good connections can be made for this sale, in fact you can stay all night in Abilene the night of the Peck sale and go to Abilene, either by auto or on the train the next day. Forty-six head will be sold in the Norman sale, eight tried sows, four fall yearlings and 34 spring gilts. It is Mr. Norman's initial sale and he is going to see to it that you have the opportunity to buy sows and gilts that will prove money makers for breeders and farmers. The breeding is of the most popular strains and everything is immunized and can't help making money for the purchaser, bred and handled as they are. The spring gilts are almost all by Norman's Colonel, a son of Lady's Col. Orion, the big boar that Leo Healy bought from John W. Jones for a good long price. It is a strong offering all the way thru, bred to good boars and one of the best lots of 34 spring gilts you will find in any sale this winter. You can ask for the catalog at once. Address E. E. Norman, Chapman, Kan. You will get it by return mail.—Advertisement.

Woody & Crowl's Duroc Sale

Woody & Crowl, Barnard, Kan., will sell 50 bred sows and gilts in their annual bred sow sale at the Crowl farm near town, Thursday, February 8. It is no reflection on the other good offerings of bred sows that will be sold in Kansas this winter that this is an outstanding 50 sows and gilts and one of the strong offerings of the season. Two great boars are largely responsible for the offering, High Giant and Climax Sensation. Others are by four great sires, Pathfinder's Orion, Valley Giant, Royal Orion and Lawndale Disturber. The Woody-Crowl sale is an offering made up from two herds owned by Woody & Crowl on their farm near Barnard and are selections from both herds, selected to make it an offering that will attract attention everywhere. Almost every Kansas community has samples of Woody & Crowl's Durocs and every buyer that I have met is a pleased owner of Woody & Crowl's Durocs. The offering is bred to High Giant, Climax Sensation and Kansas Giant, the only Duroc Jersey boar pig that got in the money at Topeka last fall. You better plan to attend. Better come by auto if you possibly can or the day before. You will be welcome at either the Crowl or Woody home if you come the night before. You can attend the Norman sale at Chapman the day before

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer
219 Beacon Bldg., Wichita, Kan.

LAFE BURGER

Livestock and Real Estate Auctioneer
WELLINGTON, KAN.

M. C. POLLARD, CARBONDALE, KAN.
Purebred Stock Sales. Terms \$25 and expenses. I sell all breeds. Ref.—Breeder for whom I have worked.

Jas. T. McCulloch, Clay Center, Kan.
My reputation is built upon the service you receive. Write, phone or wire.

Homer Boles, Randolph, Kan. Purebred
land sales and big farm sales. Write or phone as above.

BERKSHIRE HOGS

Berkshire Hogs for sale. Bred
gilts, fall pigs.
R. C. KING, Route 4, Burlington, Kansas.

CHESTER WHITE HOGS

CHESTER WHITE HOGS
\$40 buys 250-lb. choice bred gilts. Gifts to
farrow in March and April, out of 600-lb.
sows. Fall pigs, 40 to 50 lbs., \$15. Immatured.
H. C. KRAUSE, HILLSBORO, KANSAS

10 O.I.C. Boars, 40 Fall Pigs
HARRY HAYNES, GRANTVILLE, KANSAS

Choice Chester White Weanling
Boar pigs \$12 each; Cheas, Mills, Plainville, Ka.

O. I. C. PIGS \$10.00 EACH
Bred sows, E. S. ROBERTSON, Republic, Mo.

MARCH GIFTS SAFE WITH PIG
\$35 to \$40. Fall gilts and tried sows \$40 to \$50. No
Yorkshires. Immune, registered, guaranteed. Two
Grand Champion boars in service. The old reliable
Henry Murr, Tonganoxie, Kansas.

CHESTER WHITE BOARS AND GIFTS for
sale. Best blood lines. Priced reasonable.
W. H. LYNCH, Neosho Rapids, Kansas.

**98 O. I. C. 10 TRIED SOWS, 30 spring
gilts, 30 fall gilts, 20 fall boars.**
Geo. T. Bartlett, Stockton, Kansas

SPRING GIFTS by Nob. Giant and Albino
and bred to a son of Aviator, 1st in class 1920 Iowa
fair. First class. Priced to sell. E. E. Smiley, Perth, Ka.

DUROC JERSEY HOGS



Big Type Duroc Sale

At the old Red Feed Barn

Smith Center, Kan., Thursday, Feb. 1

Fifty tried sows, fall yearlings and
gilts. The biggest and best offering that
will go through the sale ring this season
in this section. Shorthorn bulls for private
sale. Send for catalog.

VERN V. ALBRECHT, Smith Center, Ka.

200 Duroc Gilts

Bred for spring farrow to five State Fair prize winning
boars. Special prices on carload lots.
F. C. CROCKER, Box B, FILLERY, NEB.
Near the Kansas State Line.

Taskmaster Bred Sow Sale Feb. 15

A few good boars for sale, \$25 per head.
First check gets the choice. Also, send us
your name for our catalog.

Woodell's Duroc Farm, Winfield, Kan.

Larimore Bred Gilts

Some bred to Orion Commander 1st prize
son of Commander, 1922-champion of Neb.
Kan. OKla. Some bred to a son of champion
Major Sensation Col.

J. F. LARIMORE & SONS, GRENOLA, KAN.

Walnut Hill Stock Farm Durocs

Yearling boars, spring boars and spring gilts
for sale. Real hogs at fair prices.
D. C. ASHER, LAWRENCE, KANSAS

35 Duroc Bred Gilts and Boars

Photos of spring boars by Smooth Sensation. Sows
and gilts bred to Smooth Sensation and son of Path-
finder Jr. Cholera immune. Registered and guaran-
teed. Describe your wants. Homer Drake, Sterling, Ka.

Tried Sows and Bred Gilts

Bred to High Pathfinder and King Path-
finder. Immatured and priced right.
BOHLEN BROS., DOWNS, KANSAS.

This Is Your Opportunity

to buy reg. Duroc bred sows or gilts on a
year's time. Write for photographs.
STANTS BROTHERS, HOPE, KANSAS

Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not re-
lated, by Hurdler Pathfinder and Valley Wonder
Sensation. E. C. MUNSELL, RUSSELL, KANSAS.

DUROC BOARS OF SERVICEABLE AGES
\$25 each. Good bone, color, and well bred. 180 to
200 lbs. Bred gilts \$30. Pigs, either sex, about 50
lbs., \$10 each. Other sizes in proportion. About 15
years a breeder. Write your wants or send check.
J. E. Weller, Holton, Kansas.

OCTOBER PIGS, either sex, by Pathfinder's
Victory and Scissors 2nd; 75 lbs.; \$15 each. Satis-
faction guaranteed. Conrad Kiefer, Sublette, Kansas.

and go with the crowd to the Woody & Crowl sale at Barnard. Write for the catalog today and mention the Mail and Breeze when you do so.—Advertisement.

BY J. T. HUNTER

G. F. Kellerman of Mound City, Kan., whose Shorthorns for 30 years have had the distinction of being among the best in the state, writes that he is getting some fine calves by his herd bull, Brave Marshall. A young bull of this breeding, he has just sold to J. E. McCulment, Garland, Kan., to head a herd of registered cattle.—Advertisement.

Watch next week's issue of Kansas Farmer-Mail and Breeze for advertisement of the C. S. Nevius & Sons, Chiles, Kan. Poland sale. The sale will be Wednesday, February 14 and it will be one of the greatest offerings of Polands to be found anywhere in the hog belt. Send for a catalog at this time and have ample time to look thru it. Mention Kansas Farmer-Mail and Breeze.—Advertisement.

Wrong Date Was Given

Last week's issue carried the wrong date in a fieldnote on the G. M. Shepherd, Lyons, Kan. Duroc sale. The sale will be February 5 and not February 25 as was given in the fieldnote. It will be a sale of exceptionally fine Durocs. Be there.—Advertisement.

Lyon County Spotted Association Sale

This issue carries a brief advertisement of the Lyon County Spotted Poland Association sale at the Emporia pavilion Wednesday, February 7. Write Secretary W. T. Sutton, Route 10 for a catalog. Please mention Kansas Farmer-Mail and Breeze.—Advertisement.

Ralston Farm Duroc Sale

Last three issues of Kansas Farmer carried advertisements of the Ralston Stock Farm Duroc sale at Benton, Kan., Friday, February 2. A lot of well bred Durocs in that sale, 40 sows and gilts bred for March farrow. If you have time you might write A. E. Ralston, manager, Towanda, Kan., for a catalog. Note that the sale is near Benton, Kan.—Advertisement.

Selling Hornless Shorthorns

C. W. Howard & Sons of Hammond, Kan., write of finding appreciative buyers for the Polled Shorthorns consigned to the new Bourbon County pavilion show and sale. They add that "we still have a fine bunch of young bulls for sale. The feeder has no use for horns in his feed lot, so commences at the bottom and breeds them off to save labor and torture on the animal."—Advertisement.

L. R. Massengill Sells Durocs

L. R. Massengill, Caldwell, Kan., sells Durocs at his farm 1 mile southeast of town, Thursday, February 1. There will be 14 sows, 22 gilts, and 4 boars. A well bred group in service to two good herd sires. Selling some of his show herd that won a majority of ribbons at recent Sumner County fair. See January 13 and 20 issues for advertisements of the sale.—Advertisement.

Ed. Hoover Will Sell Good Ones

One of the real good Duroc herds to be found in the country is that of E. E. Hoover, Wichita, Kan., who sells at his farm, Hoover Orchards 3 1/2 miles west on Central Avenue. Hoover has earnestly and with a fine degree of success assembled a great sow herd. These with their get-in service mainly to Orchard Scissors and Gold Master furnish the offering for the sale, Saturday, February 3. You still have time to get a catalog if you write at once. Any way attend the sale.—Advertisement.

W. R. Huston, Americus, Kan., Sells at Emporia

January 13 and 20 issues of this paper carried advertisements of W. R. Huston, Americus, Kan., Duroc sale to be held at Emporia, Kan. One matter to note is that Mr. Huston sells at the sale pavilion at Emporia, Kan. He will have on exhibition his good sire, Waltemeyer's Giant. A number of the females are bred to or sired by this boar. Visitors from a distance will stop as Mr. Huston's guests at the Mit-Way Hotel, Emporia, Kan. Find the advertisement, and read it.—Advertisement.

Prolificacy Counts in the Shaw Duroc Herd

S. D. Shaw, Williamsburg, Kan., sells a good offering at his farm Thursday, February 8. Advertisement in this issue gives briefly the kind of offering. We wish to restate here that 10 of the females in the offering are out of a herd sow that farrowed 67 pigs in five litters and the sow raised 40 of them. Might as well buy one or more of these daughters because chances are that this propensity will be handed down to the daughters. Here is a good opportunity for investment. Mr. Shaw lives 6 1/2 miles southeast of Williamsburg, 2 miles east and 7 miles north of Harris, or 10 miles northwest of Richmond. Write him for a catalog. Please mention Kansas Farmer-Mail and Breeze.—Advertisement.

W. F. Dreasher's Hampshire Hog Sale February 5

W. F. Dreasher, Emporia, Kan., has a large herd of registered Hampshire hogs and will hold a spring sale at his farm 5 miles southwest of Emporia, Kan., Monday, February 5 at which time he will sell 2 tried sows, 20 spring gilts and 10 fall gilts. The breeding of the offering is indicated in the advertisement that you will find in this issue of the paper. The Dreasher Hampshires are first class in every respect and you will like their looks when you see them. There are a number of reasons why the Hampshire hog is gaining ground so rapidly in comparison with most of the other breeds of hogs. Some reasons are indicated in the advertisement in this issue. Write Mr. W. F. Dreasher, Emporia, Kan. for a catalog. Please mention Kansas Farmer-Mail and Breeze.—Advertisement.

Two Poland Sales—January 29 and January 30

Parties desiring to buy some good Polands should take notice that there will be two Poland sales, one following the other, as follows: January 29, Ross McMurry, Burrton, Kan., and January 30, J. W. Costin, Route 6, Wichita, Kan. Mr. McMurry lives seven miles south of Burrton, Kan., and Mr. Costin lives two miles west of Derby, Kan. You will find their advertisements in the January 13 and Jan-

Grand Champion Duroc Auction Bred Sows

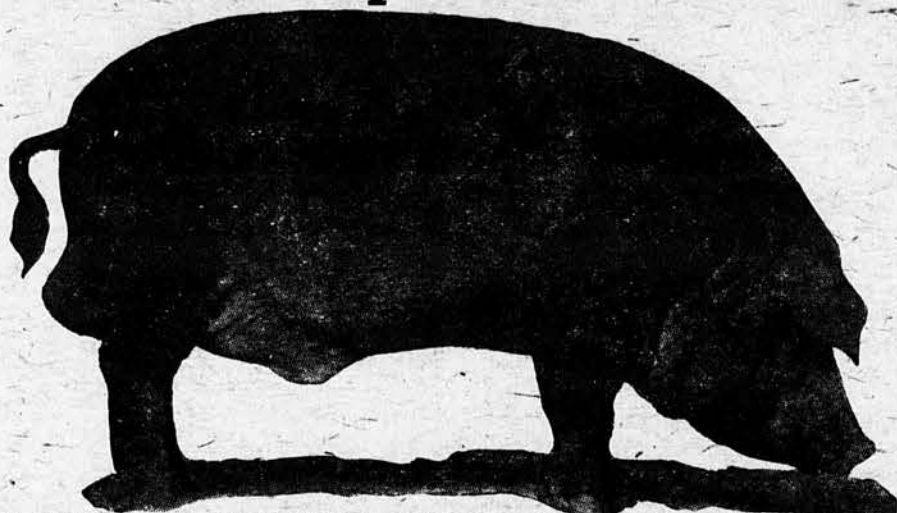
Sale Pavilion

York, Nebraska

Thursday, Feb. 15

60 Head—Everyone Bred to The National Grand Champion, Constructor—20 Tried Sows—20 Fall Gilts—20 Top Spring Gilts

In order to secure females good enough to mate with the great CONSTRUCTOR we have bought top stuff from the leading herds of the state, largely representatives of the Sensation, Pathfinder and Col. families, including prize winners at state and National shows. Why not buy a sow bred to the 1000 lb. World's Champion and raise your own herd?



A Good Likeness of Constructor, Grand Champion Boar of the National Swine Show of 1922, Bred and Exhibited by George J. Dimig of York, Neb.

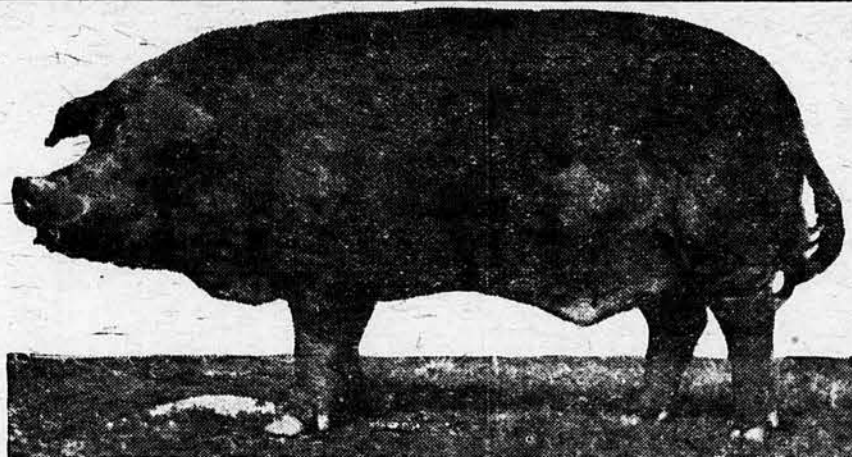
boar? Our big illustrated catalog gives all information. Sent upon request. Be sure and mention this paper when writing. If unable to attend let Mr. Johnson buy for you. (Ask J. W. Johnson or James Hunter about Constructor Durocs.) Send all bids to Jesse R. Johnson in my care at York, Nebraska.

Geo. J. Dimig, York, Nebraska

Auctioneers, Col. A. W. Thompson, Col. N. G. Kraschel.



Dwight Putman



THE COMMANDER

Duroc Sows Bred to the Four Times Grand Champion Sale Pavilion, Tecumseh, Neb., Friday, February 16

50 HEAD OF STRICTLY TOPS ALL BRED TO THE UNDEFEATED BOAR, THE COMMANDER—8 TRIED SOWS—10 FALL GILTS—25 TOP SPRING GILTS

The greatest collection of choice big type, richly bred sows and gilts ever put through a sale ring in the west. Among the attractions will be 6 head sired by GREAT PATHFINDER, sire of THE COMMANDER, 2 fall gilts by ELEVATOR, prize winners at Mo. State fair and National, 1 by PATHMAKER, second in class at National. Daughters of every great sire of the breed will sell. The catalog tells an interesting story. Write for it and mention this paper. Ask J. W. Johnson and James Hunter about Commander Durocs. Send all bids to Jesse R. Johnson in our care at Tecumseh, Neb.

Aucts. Col. N. G. Kraschel
Col. Holtsinger

W. M. Putman & Son, Tecumseh, Nebraska

Blood of the Champions

VALLEY SPRINGS DUROCS

Sensations, Pathfinders, Orions, Cols. Boars all ages. Sows and gilts for spring farrow mated to son of Stills, Pathfinder, Scissors, Great Orion Sensation, Pathfinder Paramount, Stills Model, etc. Reasonable prices; Immuned; pedigrees; year's time.

E. J. BLISS, BLOOMINGTON, KANSAS

BONNY GLEN DUROCS

40 Sept. gilts sired by a son of the Grand Champion Rainbow Sensation and out of Pathfinder bred dams. Crated light \$29 each, two for \$55. Farm located on state line 9 miles south of town.

JOHNSON & DIMOND, Fairbury, Neb.

Big Type Bred Gilts and Boars

Choice selection bred gilts and boars. Best Sensation, High Orion, Pathfinder breeding. High quality. Priced low. Immuned.

J. A. REED & SONS, LYONS, KANSAS

BRAUER

Purebred

DUROC

Company

Colorado Springs, Colorado

High class hogs at reasonable prices. We invite correspondence.

Attention Late Boar Buyers

I have a few very choice spring boars of the herd boar kind. Bargains if taken now. Annual Bred Sow Sale Feb. 22

J. J. SMITH, LAWRENCE, KANSAS

BOUSE'S BRED GILTS

Sired by a son of Royal Pathfinder and bred to Long Sensation, a 1000-lb. boar. Priced to sell. Giles Bouse, Westphalia, Kansas.

Ralston Stock Farm Duroc Sale

Benton, Kansas, Friday, February 2

40 bred sows and gilts Sired by: Great Sensation 2nd, by Great Sensation; Orion's Sensation Wonder by Greater Orion's Sensation, out of a daughter of Great Sensation; Great Pathfinder and Long Pathfinder 3rd, by Pathfinder Chief 2nd; Kansas Pathfinder by Pathfinder; and Constructor. They are BRED TO Long Pathfinder 3rd; Sensation Excel a great fall yearling by Great Orion Sensation; and Orion's Sensation Wonder. This will be a good useful offering of immuned sows and gilts bred for March farrow. Write for catalog. Please mention Kansas Farmer.

A. E. Ralston, Manager, Towanda, Kansas

Boyd Newcom, Auctioneer; J. T. Hunter, Fieldman

Note that the sale will be near Benton at the R. P. Ralston Stock Farm.

Jewell Co. Duroc Breeders' Association Sale

40 bred sows and gilts, selected from nine herds especially for this sale by R. W. Kiser, specialist from the Agricultural College. Sale in comfortable quarters.

Mankato, Kan., Saturday, February 3

These are the Jewell county breeders consigning with the names of their leading herd boars:

D. V. Spohn, Superior, Neb.
Leon T. Gillilan, Hardy, Neb.
N. H. Engle & Son, Courtland, Kan.
R. A. Minor, Mankato
W. I. Jordan, Jewell, Kan.
R. P. Wells, Formoso, Kan.
Will Fogo, Burr Oak, Kan.
A. L. Morey, Otego, Kan.
Moore & McCarthy, Mankato.

Paymaster by Pathmaster
Commander Jr. by The Commander
Sallent Sensation by Uneda Orion Sensation
I Am Sensation by Great Orion Sensation
Orion's Calculator by Calculator
Improved Sensation
Fogo's Invincible
Sensation Victory.
Gilts by Great Orion Sensation

The Association invites you to spend the day at Mankato and assures you of an opportunity to buy choice sows and gilts. J. B. ANGLE, Sale Manager. For the sale catalog address K. D. THOMPSON, SECRETARY, MANKATO, KAN. Auctioneers, Homer Rule and N. S. Hoyt. J. W. Johnson, Fieldman

S. & R. G. Cooley, Plymouth, Kan., and Wm. Albin, Saffordville, Kan.

Combine offerings and sell 54 Durocs at Sale Pavilion

Emporia, Kan., Saturday, February 10, 1923

10 tried dams, 10 fall yearlings, 30 gilts, 4 fall boars
Cooley Sires: Royal Pathmaster by Pathmaster out of a daughter of Royal Pathfinder; Straight Sensation by Great Orion Sensation out of a daughter of Uneeda Great Sensation; Pathfinder H. 2nd, by Pathfinder Chief 2nd out of a daughter of Howe's Col.
Albin Sires: Stilt's Great Orion 3rd by Stilts out of a daughter of Great Orion; Jack's Great Orion by Jack's Orion King 2nd out of a daughter of Great Wonder; Headlight Pathfinder by Pathfinder out of a daughter of Model Wonder.
Offering is by these boars and Giant Orion Sensation, Model Alley, etc., and bred as follows: 20 to Royal Pathmaster, 15 to Straight Sensation, 10 to Stilt's Great Orion 3rd, 5 to Billy Orion Sensation, 4 fall boars are by Royal Pathmaster. Everything double immunized and every female sold guaranteed to be in pig. **RECORDED PEDIGREES WITH EVERY SOW AND GILT.** No attempt has been made to give national or state championship records of sires and dams mentioned in this advertisement. Send the catalog will give championship honors as well as breeding. Send for the catalog. Address either consignors. Please mention Kansas Farmer. Send mail order bids to J. T. Hunter who will represent Kansas Farmer.

Wood and Crouch, Auctioneers; J. T. Hunter, Fieldman

S.D. Shaw Offers Prolific Durocs Williamsburg, Kan., Thursday, Feb. 8

2 TRIED SOWS, 18 SPRING GILTS, 14 FALL GILTS, 3 FALL BOARS. (One herd sow, May Orion 1st, has farrowed 67 pigs for me in 5 litters and raised 40. I am selling 10 of her daughters in this sale, one a tried sow by Jack's Orion King A. by Jack's Orion King 2nd, 1917 World's Junior Champion.)
OFFERING: 1 tried sow by Jack's Orion King A.; 1 tried sow by Model Critic, 18 spring gilts by Orion Model, 14 open fall gilts by Orion Model; breeding privilege to Maxton Pathfinder, and 3 fall boars. This offering is out of Orion Cherry King, Critic, and Col. bred dams.
HERD SIRE to which the females are bred: MAXTON PATHFINDER by Broadway out of Pathfinder's Golden Sensation. This boar was first under year boar at 1922 Douglas Co. fair. An extraordinarily good individual as well as well bred. Farm 6 1/2 miles S. E. of Williamsburg; 2 miles E. and 7 miles N. of Harris, or 10 miles N. W. of Richmond. Write for catalog, mentioning Kansas Farmer.
Auctioneers: Rule and Day. Fieldman, J. T. Hunter.

Ross M. Peck's Duroc Jersey Bred Sow Sale

45 head, 7 tried sows, 20 fall yearling gilts, 18 spring gilts. Sale at farm four and a half miles north and a half mile east of

**Gypsum, Kansas
Tuesday, Feb. 6**

The tried sows are daughters of Joe Orion 2nd, Proud King Orion and Illustator 2nd.
The 20 fall yearlings are by our herd boar, King's Crimson Illustrater and Joe's Orion Friend Wait. They are strong in blood of Orion Cherry King, Illustrater Colonel families.
The 18 spring gilts are daughters of our best herd sows and sired by King's Crimson Illustrater, Joe's Orion Friend Wait and Superior Sensation.

Everything is bred to King's Crimson Illustrater and Colonel Orion King. For the sale catalog address

**Ross M. Peck
Gypsum, Kan.**

Auctioneers: Jas. T. McCulloch, W. C. Curphey, L. E. Gafford.
J. W. Johnson, Fieldman Mail and Breeze
Note: We are also selling 25 very choice fall pigs. Same breeding and equal in every respect but younger.

The Greatest Group of Duroc Sows Ever Mated to GIANT SENSATION

Sale at Norfolk, Neb., Jan. 31
Send buying orders to R. A. McCartney in my care. Address for catalog—W. H. Rasmussen, Box K, Norfolk, Neb.

Nebraskans Are Good Buyers

If you are suitably located for shipping into Nebraska and have the quality and numbers to justify advertising outside your own state, there is one thing sure—

The Nebraska Farm Journal is outstandingly the best medium for cultivating the Nebraska trade on purchased cattle, hogs, jack stock, horses or sheep. It has many times more Nebraska readers than most advertising mediums, and about 50 per cent more than the next largest Nebraska farm paper, although its rate is lowest. It leads in livestock interest and information as well as in advertising. See J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

Monarch Durocs

Annual Bred Sow Sale—
60 Head

50 Wonderful Spring Gilts, 10 selected tried sows. All immune. Sale at farm as usual, nine miles south of town and free conveyance to and from the farm, from town.

**Glen Elder, Kan.
Tuesday, Feb. 6**

The gilts and some of the sows are bred to
Calculator, grand champion Wichita, and one of the great sires of the breed.
I am also selling 80 fall pigs, good ones. Nothing in this sale that we are not proud to offer in our annual sale.
Catalog ready to mail. Address

**L. L. Humes
Glen Elder, Kan.**

Will Myers, Auctioneer, J. W. Johnson, Fieldman, Mail and Breeze.

Zink Stock Farms Durocs

Spring boars by Great Sensation Wonder, Proud Pathfinder, Uneeda High Orion 2nd. Fall boars by Great Pathmaster by Pathmaster. Dams richly bred also.

ZINK STOCK FARMS, TURON, KANSAS.
Boars and Bred Gilts
A selection of big type gilts bred for March and April farrow, from the best Pathfinder, Orion, and Sensation breeding. Fall boars and gilts, \$15. Immunized.
ERNEST A. REED, LYONS, KAN.

E. G. Hoover's Durocs

Nothing for sale at private treaty. Send for my catalog of Feb. 3 sale.
E. G. HOOPER, WICHITA, KAN.

Shepherd's Duroc Boar Bargains
A half dozen extra good ones to move quickly. By Sensational Pilot, 1921 Topeka Jr. C. out of Great Orion Sensation dam, and by Sensational Giant by Big Orion Sensation out of Orion Cherry King dams. Priced to sell. Write immediately. G. M. Shepherd, Lyons, Kan.

40 Bred Duroc Jersey Gilts

New breeding, improved type and best blood lines obtainable. Good big growthy spring hogs. Immunized.
FRANK HAYNES, GRANTVILLE, KANSAS

Bred Sow Sale Feb. 24
We have a few fall gilts at the RIGHT price.
OVERSTAKE BROS., ATLANTA, KANSAS

uary 20 issues of this paper. They have good offerings. It so happens that these two breeders have two of the largest boars in the state and both descendants of Dishner's Giant. Either boar is in the 1000 pound class. Find their advertisements in the issues named and attend their sales if possible or send bids to the fieldman, J. T. Hunter.—Advertisement.

Last Call Paul Marsh Duroc Sale

Wednesday, January 31 is the date for Paul Marsh, Sedgwick, Kan., Duroc sale. Last two issues of Kansas Farmer carried advertisements of the sale. Three boars comprise the herd sires: Long Sensation, Intense Chief 1st, and Leader's Model. Some tip-top Durocs in this sale. Plan to be there if possible. Might have time to get a catalog if you write at once.—Advertisement.

Cooley-Albin Combined Duroc Sale at Emporia

Simon Cooley and son, Ray Cooley, Plymouth, Kan., and Wm. Albin, Saffordville, Kan., last year combined Duroc sale offerings and held a February sale at Emporia, Kan., sale pavilion. It was the highest averaged hog sale held at Emporia last year. These same breeders combine and hold a sale Saturday, February 10 at the Emporia pavilion. They sell 54 head: 10 tried sows, 10 fall yearlings, 30 gilts and 4 boars. Advertisement in this issue gives detailed information concerning the offering but leaves out national and state championship winnings of the sires and dams. This will be given in the catalog. This will be a first class offering in breeding and individuality as can be noted from the catalog. The Cooley Pathmaster boar and the Albin Stilts boar are sires some extraordinary pigs. When writing for the catalog please mention Kansas Farmer-Mail and Breeze. Address either Ray Cooley, Plymouth, Kan., or Wm. Albin, Saffordville, Kan., for a catalog. Send mail orders to J. T. Hunter who will represent the Kansas Farmer-Mail and Breeze.—Advertisement.

Eshelman's Durocs Produce Profitably.

Livestock farming pays better in the long run than grain farming. No animal produces more meat and meat products than the hog. Profit in pork production will increasingly lie in quality or better bred hogs; high priced land and higher priced feed. Many more Durocs are raised in Kansas than any other breed. There is a reason. The question arises: Where can I get some good Durocs? They are available at different places. We recommend to you a consideration of the herd of H. G. Eshelman, Sedgwick, Kan. He has a sale Monday, February 12 at which time he offers nine tried sows, 29 spring gilts, and two boars. Advertisement in this issue goes pretty well into detail concerning breeding of a number of the Durocs offered for sale. One will note that a variety of family lines are represented in the sale. Mr. Eshelman bought top in a number of the best sales for foundation material and he has improved the quality as he developed his herd. He has a real herd and buyers will find a cross section of his herd in this offering. Directions for reaching the farm are in the display advertisement. Plan to attend the sale if possible. If too inconvenient to attend you may send mail bids to J. T. Hunter who will represent the Capper Farm Press.—Advertisement.

McComas Sells On St. Valentine's Day.

W. D. McComas, Wichita, Kan., has a large herd of Durocs. During the year, 1922, he had three auction sales—February, August and December in addition to disposing of a lot of Durocs at private treaty. Now, it takes a large herd to draw a draft three times a year for sales offerings, regardless the quality of the breeder. It takes good quality hogs for the breeder to continue to hold so many sales yearly and yet maintain good sale averages. Sale reports will show that Mr. McComas gets good averages at his sales. This is conclusive evidence that he has the sort of sales that meet the demands of discriminating buyers. The advertisement in this issue of Kansas Farmer goes somewhat into detail concerning his offering. Read it and get an idea concerning what this offering will bear attention to. He sells this time. Two things concerning this offering will bear attention to: females by Jack's Orion King A. are uniformly good brood sows as will be testified to by many owners of such sows. Then, this young boar, Senfinder is a most promising youngster. No doubt but what Mr. McComas will have an offering that will surpass many of his former ones. Write for a catalog. Address W. D. McComas, Box 455, Wichita, Kan. Please mention Kansas Farmer. Send all mail bids to J. T. Hunter who will represent Kansas Farmer at the sale. Sale at Thomas Farm three miles west of Wichita at end of Douglas Avenue pavement.—Advertisement.

Dick Smith's Durocs Prove Popular

R. C. Smith, Sedgwick, Kan., holds spring sales of Durocs annually and has put out a large number of Durocs to satisfied buyers. His next sale will be Saturday, February 17 at which time he sells 11 tried sows and 29 spring gilts. The advertisement in this issue gives description of the offering. Mr. Smith has made it his practice to select the best breeding and individuality that he can find. Results have been that buyers like to make selections from what Mr. Smith presents in his annual sales. The offerings that he presents are never panned but come into the ring just like they are; in natural condition in the hog pens. Buyers can see them just like they are and not as they might be prepared for show and sale ring purposes. The offering this year is even better bred than that of any preceding offering and buyers will find more inducement than ever to buy Durocs at Mr. Smith's sale. A number are sired directly by champion sires as well as being out of dams of more than state wide fame and bred to a sire that will meet with the approval of the most fastidious critic of Durocs. You should write at once to Mr. R. C. Smith, Sedgwick, Kan., for a catalog of his sale. When writing please mention Kansas Farmer and send all mail bids to J. T. Hunter who will represent the Kansas Farmer at the sale. The sale will be held at Polard's Sale Barn, Sedgwick, Kan.—Advertisement.

Larimores Did It 14 Four Years

Four years ago J. F. Larimore & Sons, Grenola, Kan., began to shift from feeding cattle to growing purebred Durocs. They started right by buying good seed stock and improving it as they went along. Today, their herd is considered one of the best herds in the state. The advertisement they have in this issue of Kansas Farmer

Mail and Breeze shows conclusively that their Durocs are high class. The growth of this firm is more significant than sensational. It signifies that this is a repeatable performance by any one desiring to raise good hogs and willing to give it a fair trial. It is not sensational on their part because others have done equally as well when they tried to raise good hogs and tried as consistently as the Larimores. The only way to raise good hogs is to start with good ones. Larimores have succeeded with the kind they are now raising. In fact the senior herd sire is one of their first herd sires. A number of his get go in their sale February 16. The offering that Larimores present Friday, February 16 should attract farmers as well as breeders. It is the kind that the farmer can raise with one hand and farm with the other and make money out of the operation and it is the kind that one can breed for seed stock exclusively. If interested in getting Durocs that will pay their way, you should write J. F. Larimore & Sons, Grenola, Kan., at once for a catalog. Please mention Kansas Farmer-Mail and Breeze. Send buying orders to J. T. Hunter who will represent the Kansas Farmer-Mail and Breeze at the sale.—Advertisement.

Task Master—Chief's Commander—Major's Great Sensation

G. B. Wooddell and T. F. Danner, both of Winfield, Kan., have separate herds but joint ownership of herd sires. They always combine offerings for February sales. Their next and fifth sale will be Thursday, February 15. It will be held as usual at the Wooddell sale barn one-half mile south of the south end of Main street. These breeders always select choice individuals for their combined sales. Every one who has attended a Wooddell and Danner sale knows that. This year they say that they are prouder than ever of their offering and evidently they know what they are talking about. It could not be otherwise when one stops to consider what sires are used. Task Master by Pathmaster is conceded to be one of the best sons of Pathmaster in the state. Chief's Commander is a big spring son of Commander that was grand champion at Lincoln, Topeka, Hutchinson and Oklahoma City; and Major's Great Sensation was junior champion at 1921 Kansas state fair. He was sired by Major Sensation that in 1919 was junior champion of the world and competed against his sire, Great Orion Sensation for grand championship. The advertisement in this issue gives detailed information concerning the offering. This field note just touches a little on the herd sires. Read the advertisement and then send for a catalog. It gives the ancestry and accomplishments of some of the Durocs to be sold. Please mention Kansas Farmer. Send all mail bids to J. T. Hunter who will represent the Kansas Farmer at the sale.—Advertisement.

Wiswells Have Superior Poland Offering

It would be difficult to find a Poland herd in Kansas that presents an offering this spring equal to that of A. L. Wiswell & Son, Ochtelree, Kan., Monday, February 13. Facts are that there will be mighty few anywhere equal to it. Advertisement in this issue of Kansas Farmer-Mail and Breeze gives number and breeding of the Polands in the offering. No attempt has been made to present show records of the offering or its immediate ancestry. Records have been made that are worth while. The catalog will give that. Read the advertisement and send for a catalog. Mr. Wiswell has made little demonstration of his good herd and lesser quality offerings may receive greater publicity but remember that Wiswell has the goods. Students of pedigree will note that this offering is a draft from a herd where reliable crossing and mating has been the watchword and the owners have avoided fads and fancies of breeding that have so badly disorganized some of our former good Poland herds, such disorganizations that will require at least ten years of breeding to eliminate. To see is to believe, and you will both see and believe that Wiswells will present an extra good reliable offering at their farm Monday, February 12. Location is three miles northeast of Ochtelree, Kan., nine miles southeast of Olathe, Kan., and 19 miles northeast of Paola, Kan. Write for a catalog, addressing A. L. Wiswell & Son, Ochtelree, Kan. Please mention Kansas Farmer-Mail and Breeze and send all mail bids to J. T. Hunter who will represent the Kansas Farmer-Mail and Breeze.—Advertisement.

Duroc Sows Bred to World's Champion Boar

There is but one place to go where Duroc Jersey sows will be sold bred to the boar that was placed grand champion in competition with the world. This place is York, Neb. The boar's name is Constructor and he is owned by George J. Dimig of that place. The date of the sale is Thursday, February 15th. On this day Mr. Dimig will sell 60 head of tried sows, fall and spring gilts, every one of them bred to the mighty Constructor. The importance of this occasion from the standpoint of Duroc breeders of the corn belt will be better understood when it is known that Mr. Dimig has gone out and bought the best females that money could buy especially to mate with Constructor for this sale and is fortunate enough to own a sow bred to this great sire. Every well known Duroc family will be represented in the offering with Pathfinders, Sensations, Colonels and Smooth Giant predominating. Mr. Dimig is making the producing of better Durocs his life's work and is giving his time and best energy to the problems of mating and feeding from the standpoint of results to be obtained by those that buy from him. He wants every purchaser to get value received and then some. He has issued a big illustrated catalog that should be in the hands of every student of Durocs. It is free for the asking. If you mention this paper when writing, Parties unable to be at the sale should send bids to Jesse R. Johnson in Mr. Dimig's care at York, Neb. Ask any of the fieldmen on Capper farm papers about Mr. Dimig and his Durocs.—Advertisement.

Conyers-Hull Combined Duroc Sale

We take a peculiar interest in the combined Duroc sale at Severy, Kan., Tuesday, February 13, such sale being held by B. W. Conyers, Severy, Kan., and E. O. Hull, Reece, Kan. The offering will be good enough to justify our recommending it to parties desiring good seed stock but the peculiar interest we have lies in the fact that one of the first livestock sale advertisements we ever wrote was for the first Duroc sale that Bert Conyers ever held. It took a lot of looking over the herd selecting the offering and it took a lot of writing

The Policy of Each Breeder In This Duroc Circuit

Those conversant with the policy of each breeder selling in this circuit of six sales need no further announcement than dates of these sales to be assured of a good sale each day that week. The advertisements that appear in chronological order on this page give information concerning the offerings. You should attend as many of these sales as possible if you want high class Durocs. If unable to attend, send mail bids to J. T. Hunter, who attends each sale as fieldman for Kansas Farmer-Mail and Breeze.

Shepherd Always Presents Great Sale Offerings

The High Standard Will Be More Than Maintained This Year. G. M. Shepherd sells 42 head: 7 tried dams, and 35 bred gilts, at

Lyons, Kansas, Monday, February 5

Here are His Two Great Herd Sires

SENSATIONAL PILOT by Shepherd's Orion Sensation out of Lady Illustrator was 1921 Topeka grand champion; **SENSATIONAL GIANT** by Big Orion Sensation, a littermate to Great Orion Sensation out of Lady Wonder 2d, to sow in Ed. Kern's record sale, selling at \$5,800, is one of the very largest junior boars in the Southwest. This great pair not only look like real boars but are real boars as their show and breeding records prove.

Sires of the Offering

Pathfinder Jr., by Pathfinder; Shepherd's Orion Sensation by the twice world's grand champion, Great Orion Sensation; Royal Sensation 2d, prize aged boar at 1920 National Swine Show and sire of a great number of national champions, High Orion, etc. All the females are bred to the two herd sires and a number are by one or the other of them.

Dams of the Offering

Include some of Shepherd's best sows—Pathfinder Rose, Miss King Lady, Lady Illustrator, etc. The offering includes Pathfinder Rose and High Orion Lady. If you want real high class Durocs you should attend this sale regardless of what other sales you may have in mind. Write for a catalog and familiarize yourself with the offering. Please mention Kansas Farmer when you write. If unable to attend send all mail bids to J. T. Hunter who will represent Kansas Farmer at the sale.

Auctioneers: Newcom and Horn, Fieldman, J. T. Hunter.

Pathfinder Jr. Day at W. H. Fulks' Langdon, Kansas, Tuesday, February 6

Eight tried sows, 32 gilts by or bred to **PATHFINDER JR.**, one of Pathfinder's greatest sons sired shortly before the death of the grand old sire, **PATHFINDER GIANT** by Pathfinder Jr., and **GIANT I AM**. A few of the dams include Jack's Queen by Jack's Orion King 2nd, Lady Sensation by Victory Sensation 3rd, Orion's Sensation Lady 4th by Great Orion Sensation and Uneeda Girl by Uneeda High Orion.

Pathfinder Jr.

Has won 2 grand championships at sectional Duroc shows against strong competition and his get have won wherever shown. In order of importance Pathfinder Jr. is primarily a great breeding sire and is secondarily a show boar. And the acid test of any boar is his ability as a sire.

Fulks' Durocs are the high backed, smooth sided, strong, straight legged kind, the real typey kind with heavy bone. The get of Pathfinder Jr. have made good records as pig producers. Six gilts by him out of one litter raised 60 spring pigs.

One of the few opportunities to get Durocs sired by a good son of Pathfinder, the grand old sire.

For a catalog write

W. H. Fulks, Langdon, Kan.

Please mention Kansas Farmer and Mail and Breeze. Send your bids to J. T. Hunter who will represent Kansas Farmer and Mail and Breeze.

Sale at Farm One-half Mile East of Langdon, Kansas

Boyd Newcom, Horn, Auctioneers.

J. T. Hunter, Fieldman.

Zinks' Durocs Need No Introduction

There are so many of their Durocs in the best herds that purebred breeders all know them. **ZINK STOCK FARMS SELL 40 DUROCS**

Turon, Kansas, Wednesday, Feb. 7

Mr. Breeder and Mr. Farmer, here is your opportunity. Chief herd sire: **GREAT SENSATION WONDER** by Great Sensation out of an Orion Cherry King bred dam. Other sires helping to produce the offering: **ORION DEFENDER 1ST** and **ANN'S HIGH ORION**.

Sows and gilts are bred to Great Sensation Wonder and **GREAT PATHMASTER**, a big rugged fall yearling by Pathmaster out of a Great Sensation dam. Great Pathmaster not only has size, feet, and legs but is typey. Don't you think that a sow or gilt by Great Sensation Wonder bred to Great Pathmaster would be a mighty good buy? The litter should be extraordinarily good.

Among the good ones in the offering are two poppers: Miss Sensation Orion 1st out of Z's Francis 1st, Zink's grand champion sow, and Rose Sensation out of Sensation Rose. Both are by Great Sensation Wonder. Other dams represented in the sale include Miss Valley Pathfinder and Victory Girl 2nd.

Farmers and breeders wanting good Durocs are always present at a Zink Duroc sale. Follow the crowd and get your Durocs from one of the very best Duroc herds in Kansas.

For a catalog write

Zink Stock Farms, Turon, Kan.

Please mention Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter who will represent the Kansas Farmer and Mail and Breeze at the sale.

Boyd Newcom and Clyde Horn, Auctioneers.

J. T. Hunter, Fieldman.

The Stafford Duroc Association's Best Offering

Sale Pavilion **Stafford, Kan., Thursday, Feb. 8**

An offering of 40 Duroc sows and gilts. By far the best offering the Association has ever sold in its several years of existence. Many gilts are outstanding and the spring crop of pigs will be extra high class.

This Association sale at Stafford can and will be different from most association sales. Why? Because the consignors want to put on a real Duroc sale and because some of Kansas' best Duroc herds are located in territory surrounding Stafford, Kan.

Here are some sires of Durocs in this offering: Pathfinder Jr., Great Sensation Wonder, Perfect Wonder, Giant Choice Goods, etc. A number will be bred to these sires or their sons and Woodford Sensation, High Sensation, Col. Sensation, etc.

Word has gone out from Stafford Association members consigning to this sale that the February 8 sale will surpass any previous offering in quality. The offering will consist mainly of spring gilts, several fall yearlings, and some that have farrowed one litter. Nothing old or worn out. Females bred for early March farrow.

An association sale presents several family strains to buyers making it easier to get breeding desired. This particular sale will present good individuality as well as good breeding.

For a catalog write

C. C. Horn, Mgr., Stafford, Kan.

Please mention Kansas Farmer and Mail and Breeze. Send buying orders to J. T. Hunter who will represent Kansas Farmer and Mail and Breeze at the sale.

Newcom, Horn and Keenan, Auctioneers.

J. T. Hunter, Fieldman.

Schaffer's Smooth Sensations

Frank J. Schaffer Sells Durocs at

Pratt, Kansas, Friday, February 9

4 TRIED SOWS—6 FALL YEARLINGS—25 SPRING GILTS

Every Duroc in the offering sired by a Noted Sensation Sire. Here are the sires: Sensational Pilot, 1921 Topeka grand champion and son of Shepherd's Orion Sensation; Great Sensation Wonder by Great Sensation and conceded to be the best breeding son (in Kan.) of that sire of grand champions; Giant Orion Sensation 4th, the largest Kan. son of Great Orion Sensation, 1919-21 world's grand champion; and Intense Orion Sensation, another good son of the grand champion Great Orion Sensation. Dams include Smooth Lady by High Orion Jr., Pathfinder Jr., and Uneeda King's Col.

The offering is bred to the Schaffer sires: **SCHAFER'S SMOOTH SENSATION** by Great Sensation Wonder out of a Pathfinder dam. This boar was junior champion at the last Stafford show and 3d in class at 1922 Kan. state fair, and **PATHFINDER LAD 2d**.

Buyers will find good individuals as well as good breeding at this sale, 1 mile west and 1½ miles north of Pratt, Kan.

Write for catalog. Please mention Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter, who will represent Kansas Farmer and Mail and Breeze at the sale.

Boyd Newcom, Auctioneer.

J. T. Hunter, Fieldman.

Pratt County Duroc Association Sale at Pratt, Kan., Saturday, Feb. 10

Pratt Co. Association—One of the Very Livest Duroc Associations

A Lot Of Good Durocs—Backed By A Lot Of Good Breeders

40 first class sows and gilts—Handpicked, No Culls

By the following well-known sires: Shepherd's Orion Sensation by Great Orion Sensation, Great Sensation Wonder by Great Sensation, Pathfinder Jr. by Pathfinder, Sensational Giant by Big Orion Sensation, Sensational Pilot, 1920 Topeka grand champion, and Victory Sensation 3rd. by Great Orion Sensation. Bred to Pathfinder 2d., Shepherd's Orion Sensation, Uneeda Pathfinder, Giant Orion 5th, Sensational Pathfinder, etc.

Pratt Co. Association sales have always been made up of first class offerings. The Breeders' assurances of another good offering are sufficient guarantee to justify your careful consideration of this season's sale.

Please mention Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter. For a catalog write

H. R. Morrison, Mgr., Pratt, Kansas

Sale in heated pavilion. Pratt, Kan. is on the main line R. I., 50 miles west of Hutchinson and on branch line Santa Fe, 80 miles west of Wichita.

Boyd Newcom, Auctioneer.

J. T. Hunter, Fieldman.

Leo. J. Healy's Annual Bred Sow Sale

45 head Duroc Jerseys, 14 tried sows, six fall yearlings, 25 spring gilts. Sale in pavilion at the farm joining town.

Hope, Kansas, Monday, February 5

The tried sows are Sensation, Pathfinder and King's Col. breeding and raised spring and fall litters and have been carefully selected because of their value as producers of big, even litters.

The fall gilts are line bred Orion, Cherry King breeding and big, well grown gilts weighing from 300 to 400 pounds.

The spring gilts are well grown, typy and many of them granddaughters of Mapewood Pathmaster, the noted show and breeding boar and the highest priced boar ever sold in Kansas. Others are by Lady's Col. Orion and Leo's King Orion and Giant Orion Sensation.

Everything bred to the splendid herd boars, Great Paramount, a good son of Paramount Pathfinder and Sensation I Am One, a grandson of Great Orion Sensation, the two times world's champion.

Everything immunized. For the sale catalog address

Leo J. Healy, Hope, Kansas

Auctioneers, Jas. T. McCulloch, Lester Lowe; J. W. Johnson, Fieldman, Mail and Breeze

E. E. Norman's Annual Bred Sow Sale

46 splendid Duroc Jersey bred sows and gilts. Eighth tried sows, four fall yearlings and 34 spring gilts. Sale under cover in town

Chapman, Kan., Wednesday, Feb. 7

The tried sows are a few selections from our herd that we are sure will compare favorably with any as producers. They are in their prime and of excellent blood lines.

The four fall yearlings are well bred and well grown and will prove valuable investments.

The 34 spring gilts will compare favorably with any to go thru a sale ring this winter. Most of them are by a big, typy boar, Norman's Col., sired by Lady's Col. Orion, The Healy boar.

The entire offering is strong in the blood of the Orions with a little mixture of Sensation and Pathfinder breeding. Everything immunized.

For the sale catalog, address,

E. E. Norman, Chapman, Kan.

Auctioneers, Jas. T. McCulloch, E. L. Hoffman; J. W. Johnson, Fieldman, Mail and Breeze

Woody & Crowl's Annual Bred Sow Sale

50 bred sows and gilts that challenge any like number to be sold in the west this winter. Sale at the Crowl farm near town,

Barnard, Kan., Thursday, Feb. 8

High Giant and Climax Sensation sired a majority of the offering.

The others are by Pathfinder's Orion, Valley Giant, Royal Orion, Lawndale Disturber and others. The offering is bred to Kansas Giant, High Giant, Orion Sensation Colonel and some to a splendid son of Pathfinder Paramount.

This is one of the strong offerings to be made this winter and we want you to ask for our catalog at once. Our spring gilts are weighing now up to 400 pounds. Study the bloodlines in our catalog and be convinced. Kansas Giant, a splendid son of High Giant was the only Kansas bred pig to get in the money at Topeka last fall.

Come and spend the day with us. Our sale catalog is ready to mail. Write for it today and mention the Mail and Breeze. Address

Woody & Crowl, Barnard, Kan.

Auctioneers, Jas. T. McCulloch, Will Myers. J. W. Johnson, Fieldman, Mail and Breeze.

and rewriting before the advertisement was cast in the form satisfactory to both of us. Bert has done very well in the business of breeding Durocs. He is widely and favorably known. In fact, a sow in his herd farrowed for him a litter, one boar of which was sold out of the state at the highest price ever paid for a boar sold out of the state. And Valley Pathfinder, the present sire at the head of the Conyers herd is a littermate brother to this boar. Edgar Hull was a former high school student of ours. We had him in several of our classes during his four years sojourn at Eureka high school. He showed a liking for agricultural subjects, livestock especially. Today he is farming and raising purebred Durocs. His foundation stock has been bought largely at tops in sales. His first disposal of surplus will be in joint sale with Mr. Conyers at Severy, Kan., Tuesday, February 13. Mr. Hull's main sire is Major's Great Wonder by Major's Great Sensation. You will find the Conyers-Hull advertisement in this issue of Kansas Farmer. Send for a catalog. It gives a good description of the offering. Mention Kansas Farmer. Send mail bids to J. T. Hunter who will represent Kansas Farmer. Address either B. W. Conyers, Severy, Kan., or E. O. Hull, Reece, Kan.—Advertisement.

Deming Ranch Poland Sale

A Poland sale commanding extraordinary interest is that of the Deming Ranch sale at Oswego, Kan., Thursday, February 15, 1923. Mr. R. O. Deming, Oswego, Kan., is primarily in the real estate and loan business but has a 2500 acre farm a few miles north of Oswego. Superintendents of the different departments try to make their departments pay. H. O. Sheldon, Superintendent of the Swine Department, has made the Deming Ranch Poland sale a profit the last five years he has been in charge of that herd. This has been done in spite of the fact that he has gone out and paid long prices for sires and dams that were needed for certain crosses in the development of the herd. This is a noteworthy herd for a number of reasons among which is the fact that first of all it is a larger herd of real hogs that are made to pay their way and is not an assemblage of pampered Poland pigs picked here and there from among sires and dams that have been developed in other herds and pushed and made to win championships. The herd as a whole has been developed to a remarkable degree of excellence under just farm conditions. Hogs that could not meet requirements of ordinary farm conditions were discarded. Yet, no show herd in Kansas or the Southwest has won as many grand champion ribbons as has this Poland herd. Advertisement in this issue gives a brief summary of the winnings of a few of the Deming ranch boars and no attempt has been made to indicate winnings of females. Deming Ranch Poland have been consistent winners of championships. For instance, Ranch Yankee was made the 1922 grand champion at Topeka, Hutchinson, Muskogee and Atlanta. No greater honor has come to any Poland boar of Kansas this last year. If interested you may write H. O. Sheldon for data concerning winnings of any Deming Ranch Poland. Aside from show winnings the herd has made itself widely known by so many having been sold to all parts of the country. The natural trade territory for Deming Ranch Poland would be south and west of Kansas. However, a lot of them have been sold north and east. These Poland have gone out from the Deming Ranch directly or from the Poland that Mr. Sheldon has taken with him to the various hog shows he has made with the herds. The Deming Ranch Poland are good show, breeding, and feeding hogs. The sale offering is not made up of culs that could possibly be sold at too high prices because of the popularity gained for the herd, neither is the offering a hand picked pampered group. It is a real cross section of the herd put up in the first sale offering that the Deming Ranch has presented to the public for a number of years. No attempt has been made in this field note to mention individuals in the sale. Write H. O. Sheldon, Hog Supt., Deming Ranch, Oswego, Kan., for catalog. Please mention Kansas Farmer-Mail and Breeze. Send mail bids to J. T. Hunter.—Advertisement.

BY O. W. DEVINE

Dean's Poland China Sale

Clarence Dean, one of the old reliable breeders of the big type Poland China hog at Weston, Mo., has announced his annual bred sow sale at the farm near Dearborn, Mo. on Wednesday, February 28. On this date he will catalog 40 head of choice sows and gilts. Most of them either sired by or bred to the great herd boar, Dean's Clansman, by the Clansman. The attraction of the sale will be two choice yearling gilts sired by Lucette and bred to Dean's Clansman. The sale ad and later mention will appear in next issue of this paper. Send your name early for catalog and make your plans to attend this sale. Remember the date is February 28 and sale will be held on the farm near Dearborn, Mo.—Advertisement.

Sampson Poland Sale

Grover E. Sampson, the well known breeder of Poland China hogs at St. Joseph, Missouri, has announced February 12 for his annual bred sow sale. On this date he will sell 50 valuable brood sows and bred gilts; sows that are sired by such herd boars as Buster Defender, Peter the Great 2nd, Eclipse and Melba's Illustration. They will be bred for early spring litters to the Outlook by the Outpost, Monte Carlo by the Tarzan out of Melba's Best. The offering promises to be one of the best ever sold from the Sampson farm. Few sales should attract greater attention among farmers and breeders than the sale of Mr. Sampson. The herd is one of the very best and represents all the most popular blood lines and years of careful thought in breeding up. Farmers and beginners wanting to start herds will find it profitable to read the catalog and arrange to attend this sale. If you are lucky enough to buy a good bred sow or bred gilt from the Sampson sale you can rest assured you will have at least one sow on your farm as good as the best. The catalogs are now in the printers' hands. Mr. Sampson will be pleased to mail you one. Send your name early and mention this paper.—Advertisement.

BY JESSE R. JOHNSON

Hampshires to Sell at Beatrice

C. Hendrichs, the largest and best Hampshire breeder in Southern Nebraska, announces a big bred sow sale to be held at Beatrice, Neb., on February 13th. On

that date he will sell forty head, the tops from about 170 head. His blood lines are the best and he feeds them properly for future results. Readers of this paper in the market for the best in Hampshires should write at once for catalog to T. C. Hendrichs, Diller, Neb.—Advertisement.

Thos. Walker & Sons' Poland China Sale

Thomas F. Walker and Sons of Blue Valley Stock Farm, Alexandria, Neb., are advertising their Poland China bred sow sale in this issue. On February 9th they will sell at the farm near Alexandria, Neb. 52 head tried sows and gilts and 10 head of September boars that are head of prospects. The sows and gilts were sired by Jumbo Black Jack, Blue Valley Timm and Big Bone Designer and are bred to Jumbo Black Jack by Col. Jack, Big Black Buster and Liberator Governor. Write Walker & Sons for catalog.—Advertisement.

Bred Sows and Shorthorns

Orly R. Cassell, proprietor of the Mill Creek stock farm located at Republican City, Neb., will hold his annual Shorthorn and Poland China bred sow sale on the farm one mile from town on February 12th. For this sale he is cataloging 14 Shorthorns including four choice young bulls and some mighty good heifers, all the get of his great bull, Ashbourne Clipper. Also some eight cows with calves at foot or bred to him. The 40 sows that sell are of strictly big type breeding and sired by or bred to such boars as Yankee Boy, The Elevator, Croftons Designer and Blue Valley Gertsdale. This will be a good sale to attend. Write for catalog and mention this paper.—Advertisement.

Colorado Hereford Dispersion

Johnson Brothers, prominent Hereford breeders and exhibitors of Eagle, Colo., announce a big dispersion sale to be held at the Union Stock Yards (Denver) Colo., February 7th and 8th. On the above date 310 head of good registered Herefords will be sold. Consisting of four herd bulls something like 150 head of breeding cows, 35 or 40 bulls ready for service, open heifers and about 40 head of extra choice calves at foot with the cows. The offering sells without reserve and includes the entire show herd. About 70 cows in the sale are daughters of the great breeding bull Gay Lad 12th, the bull that holds the record for having sired the car load of yearlings that were shown in Denver, 1920, and were sold to O. Harris & Son for \$1000 each. It was also a Gay Lad heifer that sold the same year for \$6,550. Bright Peveril is a sire of equal merit and has made a splendid cross with the Gay Lad cows. Bright Peveril is a great son of Bright Stanway and his dam Pretty Lady 38th is a granddaughter of the noted Beau Brummel by Don Carlos. These cattle have been bred and raised under the best climatic conditions. They have wonderful constitution, lots of bone and splendid fleshing qualities. The blood lines are as good as can be found and this sale certainly affords an excellent opportunity for anyone in the market for Hereford cattle. Write or wire for catalog to Johnson Brothers, Eagle, Colo.—Advertisement.

The Undefeated Boar Commander

W. M. Putman & Son, the veteran Duroc Jersey breeders of Tecumseh, Neb., have held many good sales and made some Duroc history in the past but Friday, February 16th will be their red letter day as breeders and distributors of Durocs. On the above date they will sell at auction 50 head of the best sows ever assembled for one of their sales and one of the best from every standpoint ever sold in any western sale. Besides this every one of them will be bred for an early litter to the undefeated boar The Commander, Grand Champion of Nebraska, Hutchinson, Topeka and Oklahoma state fairs this year. The Commander is not only a winner of the greatest honors in the show ring but his get have won the best places wherever shown and boars sired by him are already heading good herds in many states. And his get have been shipped already to over a dozen states in the corn belt. At the fall state fairs 14 head were shown and 36 firsts and 14 championships were won. To mate with this great boar for this sale the Putmans have gone out and bought for big money the best available breeding and individuality, they include daughters and granddaughters of the greatest sires of the breed. The real attractions will be six tried sows sired by Great Pathfinder, the sire of The Commander, two mighty good gilts by Great Sensation, some by Great Arm, and one good one by Constructor. Others by Orion King, Orion, Big Bone Giant, etc. The catalog tells all about every one. Free for the asking if you mention this paper. If you can't come let Johnson buy you a sow so you can raise your own herd boar for next year. Not a poor one sells and they are selected especially to mate well with The Commander. Ask any of the Capper Farm paper fieldmen about Commander.—Advertisement.

BY T. W. MORSE

Shorthorn Congress February 21 and 22

Never before has there existed on commercial livestock markets, the wide spread between common cattle and the good choice kinds, which show indications of the presence of pure blood, and never has there existed in the past 25 years a more opportune time to establish a new Shorthorn herd or to strengthen an already established one. This fact is of interest in connection with the Shorthorn Congress Show and Sale with entries from Illinois, Indiana, Iowa, Kentucky, Minnesota, Ohio and South Dakota. Among the sires of consignments are: Dale Augustus, Maxwellton Mashier, Knight, Avon 3rd, Sunrise, Sanguhar Economist, Elmer's Revolution, Silver Champion, Collyie Sultan, Village Valentine, Harvinton Grandee, Huron Sort, Autocrat, Count Avon, Avon Augustus, Villager's Stardust, Villager's Victory, Faultless Dale, Maxwellton Manor, Pines Silver, Sultan Selection, Albert Conqueror, Craven Knight, Oakwood Emblem, Cudham Dreadnaught, Pines Fashion, Scotch Gainford, Village Crown, Villager's Monarch, Cumberland Marshal 18th, Villager's Signet, Auchnachree Pastor, Garyford Augustus, Village Dale, Gainford Master, Diamond Clipper, Rosewood Baron, Royal Cup, Cumberland's Archer, Huron Sort, Villager's Marshal, Model Sultan, Marshal Joffre, Village Excellency, Swinton, Snowstorm, Sultan's Robin, Bridgebank Choice, Lex of Cluny, Gainford Rother Prince, Village Royal Type, Diamond, Maxwellton Sovereign, Donside Knight. This monster event takes place at Chicago, February 21 and 22. For catalog address Shorthorn Association, 13 Dexter Park Ave., Chicago, and mention this paper.—Advertisement.

Great Interest Will Prevail in This Duroc Circuit

The pronounced good qualities of the herds presenting these six offerings make each sale conspicuously attractive to buyers acquainted with the respective herds. To those not so well acquainted but intending buyers of some good Durocs, it is urged that you should not fail to write for catalog of each sale, attend the sales, and be convinced that these offerings will be in useful condition and of such breeding that you will want to acquire some of these Durocs. If unable to attend, you may send mail bids to J. T. Hunter who will represent the Kansas Farmer and Mail and Breeze at each sale.

Good Durocs in Eshelman's Sale Sedgwick, Kan., Monday, Feb. 12

40 HEAD—9 TRIED SOWS, 29 SPRING GILTS, 2 BOARS—40 HEAD

Tried sows include 1 by Pathrion, 1920 Topeka grand champion out of a daughter of Pathfinder Chief 2nd, 1 by Great Orion 3d by Great Orion, 1918 world's grand champion out of a daughter of Pathfinder Chief 2nd, 1 by Uneeda High Orion 2nd by Uneeda High Orion, 1918 Kan. grand champion out of a granddaughter of Joe Orion 2nd.

Spring gilts include 3 by Superior Sensation out of an Orion Cherry King dam, 1 by Orion Sensation out of a daughter of Pathfinder Chief 2nd, 5 by Rose's Col. Orion out of a daughter of Maplewood Pathmaster, 7 by Giant Orion Sensation 4th out of daughters of Pathrion and Jack's Orion King A, 4 by Mammoth Gano Sensation 3rd out of a dam by Intense Orion Sensation, 4 by Proud Pathfinder out of granddaughters of Uneeda High Orion, 2 spring boars by Superior Sensation out of an Orion Cherry King dam.

Most of the females are bred to MAMMOTH GANO SENSATION 3rd, a big upstanding son of Mammoth Sensation Again, and PATHRION PRINCE 3rd by Great Pathrion, 1920 Kan. grand champion, out of a daughter of Uneeda High Orion, 1918 Kan. grand champion.

Buyers at a bred sow and gilt sale want good breeding backed by individual excellence. Well, all this will be found in the Eshelman Duroc sale.

Sale under cover at the Eshelman farm 3 miles east and 1½ miles north of Sedgwick, Kan., or 7 miles north of Valley Center, Kan., or 1 mile west and 7 miles south of Newton, Kan.

Please mention Kansas Farmer. Send all mail bids to J. T. Hunter who will represent Kansas Farmer at the sale. For a catalog, write

H. G. Eshelman, Sedgwick, Kansas

Boyd Newcom, Auctioneer

J. T. Hunter, Fieldman

B. W. Conyers, Severy, Kansas and E. O. Hull, Reece, Kansas

Hold A Combined Duroc Sale At

Severy, Kansas, Tuesday, February 13

Bert Conyers' consignment: 5 tried sows, 10 fall yearlings, 10 spring gilts. Most of these females sired by VALLEY PATHFINDER by Pathfinder and littermate to the highest priced boar ever sold out of Kan. Bred to KING PATHRION by Superior Sensation out of Beauty Pathrion. Edgar Hull's consignment: 2 tried sows, 18 spring gilts by Major's Great Wonder by Major's Great Sensation, 1921 Kan. junior champion by Major Sensation, 1919 world's junior champion. Bred to a Pathmaster-Sensation boar. Several sows bred to Major's Great Wonder.

Students of Duroc pedigrees will agree that the breeding of sows and gilts in this offering surpasses most of the spring offerings in Kansas. Catalog of the sale gives detailed information concerning this exceptionally good offering. For a catalog, write either

**B. W. Conyers, Severy, Kansas or
E. O. Hull, Reece, Kansas**

Please mention Kansas Farmer. Send mail bids to J. T. Hunter who will represent Kansas Farmer.

NOTE—This is Mr. Hull's first sale. Mr. Conyers has held several sales at his farm. THIS SALE WILL BE HELD IN SEVERY, KAN., because of better railroad facilities.

Auctioneers, Newcom and Asher

Fieldman, J. T. Hunter

McComas' Durocs Meet Demand

Three Auction Sales in 1922—Next Sale at

Wichita, Kansas, Wednesday, Feb. 14

10 tried sows, 10 fall yearlings, 25 spring gilts, 15 open gilts

Our herd is sufficiently large to meet the heavy demands for three sales a year in addition to private treaty sales; and our herd is good enough to continually attract discriminating buyers to our sales.

CHOICE DUROCS

Tried sows, including granddaughters of Pathfinder, and a number by or bred to Pathrion, 1920 Topeka grand champion, and Jack's Orion King A by Jack's Orion King 2nd, 1917 world's junior champion. An increasing number of Kansas farmers and breeders will tell you that some of their very best brood sows are daughters of Jack's Orion King A and that they came directly from our herd. Fall yearlings are by these sires. Spring gilts are by Giant Orion Sensation 4th, the largest Kansas son of Great Orion Sensation. Fall yearlings and spring gilts are bred to these same sires and to SENFINDER, one of the most promising young boars in the great Duroc belt of Kansas. This boar is a March 7 son of Leading Sensation out of a Joe Orion 2nd dam. Buyers at our Dec. 8 sale were so well pleased with him that sows and gilts bred to him outsold other bred females. Open gilts are summer and early fall farrow and the pick of a large number. Mr. Breeder, here is an opportunity for you to get something choice for breeding to your own good herd sire.

Sale at Thomas Fruit Farm, west end of pavement on Douglas Avenue. Write for catalog. Please mention Kansas Farmer. Send buying orders to J. T. Hunter. Address

Box 455, Wichita, Kansas

Auctioneer, Boyd Newcom; Fieldman, J. T. Hunter

Wooddell & Danner's 5th Duroc Sale

Winfield, Kan., Thursday, Feb. 15

TASK MASTER, by Pathmaster, surpassed by but one boar as sire of the greatest number herd headers in high class herds of America. CHIEF'S COMMANDER, by Commander, grandchampion Nebraska, Kansas and Oklahoma, 1922.

MAJOR'S GREAT SENSATION, by Major Sensation, world's junior champion, 1919.

5 sows and 35 gilts by MAJOR'S GREAT SENSATION by Major Sensation by Great Orion Sensation, SCION'S WONDER by Great Wonder 1 Am, CHIEF'S KING by Chief's Wonder out of dams by Pathfinder Chief 2nd, Chief's Wonder, etc., bred to TASK MASTER, one of the best Pathmaster boars in the state; CHIEF'S COMMANDER, a choice spring son of the illustrious boar, Commander; and MAJOR'S GREAT SENSATION, 1921 Kan. Junior champion.

Wooddell & Danner breed the kind of Durocs that win approval in show ring as well as in sale ring. Not counting state fair winnings previous to last two years they won: (1921) junior champion boar, (1922) 2nd on gilt, 3d futurity litter, and 1st senior yearling boar.

They are selling futurity litter females, great fall yearlings by Major Great Sensation, and one sow by Pathfinder.

Females will all be safe in pig, carrying their own guarantee sale day. A truly remarkable offering.

Sale at Wooddell's sale barn ½ mile east and ½ mile south of south end of Main street, Winfield, Kan. Write for catalog. Please mention Kansas Farmer. Send all mail bids to J. T. Hunter who represents Kansas Farmer. Address either

**G. B. Wooddell, Winfield, Kansas, or
T. F. Danner, Winfield, Kansas**

Auctioneers, Newcom and Horn; Fieldman, J. T. Hunter

Farmers As Well As Breeders

Should Consider Larimore's Duroc Sale,

Grenola, Kansas, Friday, February 16

40 HEAD—5 Tried Sows, 33 Spring and Fall Gilts, 2 Boars—40 HEAD

The offering is sired by the veteran Larimore sire, Valley Sensation by Great Sensation, Major Sensation Col. and Major's Great Sensation, both by Major Sensation, 1919 world's junior champion, Jack's Orion King A by Jack's Orion King 2d, 1917 world's junior champion, Pathfinder Chief 2nd and L's Pathrion. Most of them are bred to Major Sensation Col., 1922 Kan. National grand champion, and Orion Commander, 1922 Muskogee grand champion, by Commander, 1922 grand champion of Neb., Kan. and Okla. The offering also includes Miss Crimson Pathfinder, littermate to Pathrion, 1920 Topeka grand champion, Col's. Sensation Lady 2d out of the highest 1922 winning litter shown by Kan. breeder, and 3d in class at Muskogee fair.

IT PAYS TO BUY FROM HERDS THAT WIN CONSISTENTLY

An occasional winning at a state wide hog show gives desirable publicity to a herd but it is insufficient proof to buyers that such a herd is A1. Consistent winning year after year at such shows is sufficient evidence of supremacy of such a herd. It shows that it is a herd of good seed stock well handled. Men who have watched the Larimore herd both at its home and at the show ring know that Larimores grow the kind that make good in show ring and as breeding stock. Larimores sell February 16 the same kind of hogs that they fit for show rings. Farmers as well as breeders might well buy such quality Durocs.

Write for a catalog. Please mention Kansas Farmer-Mail and Breeze. Send mail bids to J. T. Hunter who will represent Kansas Farmer-Mail and Breeze. Sale at farm ½ mile west of town, address

J. F. Larimore & Sons, Grenola, Kan.

Boyd Newcom, Auctioneer

J. T. Hunter, Fieldman

Smith Presents A Good Offering

R. C. Smith Sells At

Sedgwick, Kansas, Saturday, February 17

11 Tried Sows and 29 Spring Gilts

TRIED SOWS: 6 by Victory Sensation 3rd, a sire of unusual merit, 1 by Orion's Amplifier by Jack's Friend 7th out of Miss King Lady, world's champion gilt, 1 by Pathfinder Jr. out of a daughter of King's Col. 1 Am, 2 by Jack's Orion King A by Jack's Orion King 2d, and 1 by Pathfinder Lad.

MARCH GILTS: 6 by Pathfinder Jr. by Pathfinder. (Opportunities to get gilts by sons of Pathfinder are rapidly diminishing. This Pathfinder Jr. is one of the best sons of Pathfinder.) 5 by Pathrion, Topeka grand champion 1920. Others by Mammoth Gano Sensation 3rd, Shepherd's Orion Sensation by Great Orion Sensation, and Great Sensation Wonder, a slashing big breeding son of Great Sensation.

BRED TO LONG SENSATION, a grandson of Great Sensation and Pathfinder. This boar is by Echo Sensation by Great Sensation and out of a daughter of H. & B's. Pathfinder by Pathfinder. This is the blending of the two most popular blood lines of the breed and this sire is not only close up in the blood of these nationally known sires but is a great individual.

Dick Smith puts out good reliable Durocs that please the buyers. For a catalog, write

R. C. Smith, Sedgwick, Kansas

Please mention Kansas Farmer. Send mail bids to J. T. Hunter who will represent Kansas Farmer. Sale will be held at Pollard's Sale Barn.

Boyd Newcom, Auctioneer

J. T. Hunter, Fieldman

Get My New Book and Make Poultry Help the Family Income



Harry Johnson
"The Incubator Man"



M. M. JOHNSON
"Inventor of Old Trusty"

Last year in the far Southwest when the cotton farmers were yelling for credit, the bankers said: "Go get yourself a flock of chickens and a rooster or two and you won't get caught in a hole like this again."

But in the Middle West, where poultry ranks along with the dairy cow, sheep and swine, thousands of farmers kept right on depositing money in the banks. Poultry checks pulled them through—furnished the ready cash to buy food, clothing and other necessities.

I wish you could read some of the letters that we receive from Old Trusty owners who are making \$500, \$750 and up to \$1,000 a year from few chickens. A great many readers of this paper are among them.

Mrs. Bert. Miller of Iowa writes: "I cleared \$1000 from poultry last year and expect to do better this year." Mrs. J. T. Atterbury of Illinois says: "I sell \$800 to \$900 worth of eggs alone a year." Mrs. Ella Buckels of Olney, Ill. writes: "We hatched 560 chicks that brought in the nice little sum of \$750 above all expenses."

Don't Dream—Don't Wish—Start Now With Old Trusty

First, get my new Old Trusty book. You cannot possibly have any idea of the easy simple Johnson way of raising poultry for profit until you look through this book. This is my thirtieth annual catalog. There is not a single dull page in it. Into it I have crowded the best results of helping more than a million owners of Johnson made machines.

This book will tell you for example:

How can I keep hens laying in winter? How can I pick the money-makers in a flock of pullets? How can I make poultry raising a business? What's the best size incubator to buy? What's the best way to save chicks? Why do early hatches make the most money? How can I make an inexpensive poultry house? What are the best breeds? What is the best method to preserve eggs?

Out here in Nebraska we try to look at poultry in a practical way and tell folks the practical side of it. No fancy theories. No misleading claims. Simply the truth as we have found it in our own experience, and poultry raising has been a Johnson calling for two or three generations back.

Old Trusty makes hatches in any weather. That's because it is built by an experienced poultry man and engineer. Has the right construction and the right features without fancy doo-dads that add to the price. It is made with pure copper hot water heating plant, California Redwood case, triple walls, etc. Has big oil drawer, which saves time and work; easy sliding, perfect fitting egg trays; handy thermometer holder; improved ventilation and tray slides. But you do not have to be an expert to operate Old Trusty. Even the most inexperienced make big hatches right from the start. My book tells how. Send today for a copy.

I've a Special Offer If You Write Today

When you write tell me you saw my ad in this paper. I am making a little special offer that will interest you. Tell me your poultry troubles too. We like to write letters that are helpful and full of experience, and if your letter reaches me early I can make you a money-saving price on Old Trusty. Remember, I pay freight and make quick shipment. Write today. Use the coupon or a postal if you haven't time for a letter, but do it now so you will be sure to get my book. Yours truly,

HARRY JOHNSON, "Incubator Man."

M. M. JOHNSON COMPANY, Ask for Catalog No. 19-J **Clay Center, Neb.**

Harry Johnson, "Incubator Man"
M. M. Johnson Co., Clay Center, Neb.

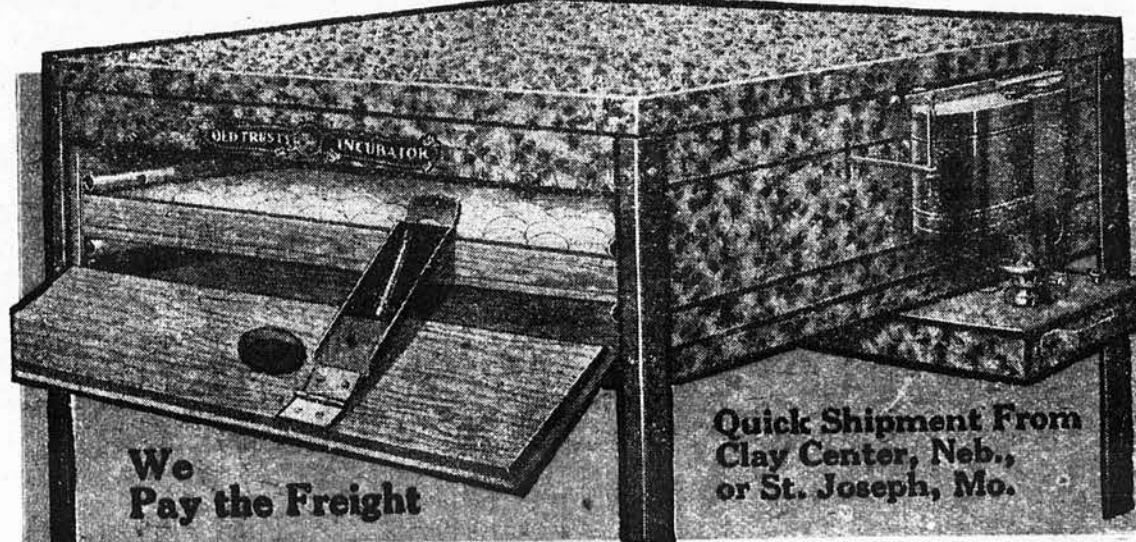
Please send me your "30-Year" poultry book and catalog No. 19-J on Old Trusty Incubators and Brooders. FREE.

Name.....

Address.....

I raised.....chickens last year

Expect to raise.....chickens this year.



We Pay the Freight

**Quick Shipment From
Clay Center, Neb.,
or St. Joseph, Mo.**