

KANSAS SECTION THE CAPPER FARM PRESS

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# KANSAS FARMER AND MAIL & BREEZE



Volume 61

February 17, 1923

Number 7





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## A Busy Week for Lawmakers

Senate Plans to Enact a New Primary Law That Party Leaders Will Favor

BY CLIF STRATTON

SO FAR as naming party candidates and writing party platforms go, the women generally and the men and women in rural communities particularly, are to be shorn of much of their power, if the plan of the senate committee rewriting the primary law is adopted. But what the farmers and the women lose in political power will be gained by the so-called "party leaders."

The primary law is going to be the center of a combined assault by enemies of popular government in the next few weeks. By the time this is in print, the believers in the "Cope-land county" system of party government expect to have a bill emasculating the primary thru the senate, and well toward passage in the lower house.

### "Voters Not Qualified"

There are a lot of politicians and strong party men in the country who honestly believe that the average voter is not qualified to nominate candidates for office, particularly for state office, Congress and the United States Senate. This belief apparently has been strengthened since women were granted suffrage. These are willing to allow the voters, including the women, to elect the candidates, after the leaders of two parties have named the candidates who are to be voted upon. They desire the return of the party convention, where the leaders can iron things out, get and give promises, trade the candidates back and forth, and play the game.

From the viewpoint that politics is a game—and a business—the convention undoubtedly makes for a more interesting and skillful game, and a more certain and profitable business. It centers the interest in the hands of a few men. It centers the power in a few men. These are enabled to move the candidates back and forth on the board, until the time arrives when they, the real players, can call "check" and win their points.

### Proposed Convention Law

The main features of the senate committee bill to knock out the primary, while retaining the name, are these: In May precinct primaries, or caucuses, will be held, at which delegates to a county convention will be named. The county conventions will nominate party candidates for county office, and also elect delegates to district and state conventions.

The district conventions, composed of delegates named in the county conventions, will nominate candidates for district offices.

The state convention, consisting of delegates named by the county convention delegates, will name candidates for state office and United States Senator.

The state convention also will write a party platform. The party council, following the primary, will be abolished, or perhaps retained merely as a matter of form.

### Only Kill the Primary

Advocates of the plan say that the primary will not be killed by this measure. They assert that the voters still can go to the primary in August and vote for whom they please. Anyone desiring a party nomination, who is not approved by the party convention—or the party assembly, as it may be called—still could file and have his name on the primary ballots.

But the nominees of the party convention would be designated as the party choice. Other candidates would in effect be independent candidates asking a party nomination over the party nominee.

### Take Some Power From Women

Enemies of the primary also deny that the proposed measure would not militate against the women voter. They insist that the women could come, and would come, to the precinct caucuses to vote for delegates to the county convention, that would name the delegates to the state convention,

which in turn would nominate the candidates, even as in the good old days when a few men in the back room of a hotel traded United States Senators, governors, supreme court justices, and other public positions.

### Killing Most Measures

Aside from the primary scrap, the legislature is still moving at a leisurely gait. The members are talking of adjournment before March 15. The big appropriation bills are being threshed out in committee. The child code commission measures are nearly all dead. The repeal of the anti-cigarette bill is dead. The "bone dry" cigarette bill, making the owner of a building where cigarettes are sold liable to a heavy fine, is thru the house. The senate has killed the bill to lift the tax exemption from fraternities and sororities.

### Utilities Commission Winning

The fight on the Kansas Public Utilities Commission is taking a new phase. Plans to abolish the commission, or curtail its powers, apparently have been abandoned. Instead, it now is proposed to load it down with extra duties, so as to cripple its power to get after the big questions—reduction of railroad freight rates, and the physical valuation of railroads.

The senate is asking that the commission provide detailed statements showing cost of electric power in all cities, including all the different rates for different classes of consumers. This report is to be in detail, but in simple language that the senators can understand. Another measure would have the commission inspect every mile of railroad track in Kansas. One of the ideas seems to be to have Clyde M. Reed, chairman of the commission, serve as a state trackwalker.

### A One-Judge Industrial Court

The Kansas State Industrial Court may be changed to consist of one full time member, the presiding judge, who will have power to call in two district judges to sit with him on each case requiring adjudication. The provisions of the law apparently are not going to be changed. The one-judge bill was introduced in the senate by Senator A. H. Skidmore, of Columbus.

### Appropriation Bills Due

Next week probably will see the battle over appropriations open up. It may see some of the Republican party pledges on the floors of both houses, in the form of bills backed by the party caucus.

### Jersey Men File Protest

Inferior Jersey cattle are being shipped into Central Kansas from Texas and sold for dairy purposes, according to the Kansas Jersey Cattle Club, which met at Manhattan last week. The following resolution was adopted by unanimous vote:

Whereas, it has come to the attention of the officials and members of the Kansas Jersey Cattle Club that inferior Jersey cattle with inaccurate pedigrees are being shipped into Kansas and sold for dairy purposes, and

Whereas, such sales will react in an unfavorable way against the Jersey breed, Therefore, be it resolved, by the Kansas Jersey Cattle Club, that this practice be discouraged in every way possible.

Be it further resolved that this resolution is not to be interpreted as our being opposed to shipping into the state Jersey cattle of good type and accurate pedigree.

Prof. J. B. Fitch of the Kansas State Agricultural College, and G. W. Catts, agricultural commissioner for the Kansas City Chamber of Commerce, told of the plans for the annual meeting of the American Jersey Cattle Club to be held in Kansas City next June.

E. H. Taylor, vice president of the Kansas club, was chosen to represent the club before the agricultural committee of the state senate, February 12, in the interest of a bill providing for proper labeling of oleomargarine and filled milk.

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# KANSAS FARMER and MAIL & BREEZE

February 17, 1923

By *Arthur Capper*

Vol. 61 No. 7



Fred Engler's Modern Home is Equipped with Running Water, Electric Lights and a Furnace

WAR put Fred Engler out of the cattle feeding business. During a large part of the 33 years he has lived in south Shawnee county, Engler has fed steers. He saw prices climb to record heights after the war, watched the upward surge of the boom period and figured that prices, like the cannon ball fired from a huge gun, sooner or later must drop. Engler did not know when the drop would begin or how fast it would take place, but he got out when he had a good profit in his stuff and he stayed out. For several years no steers have been fed on this 400 acre farm.

"I can't see any money in feeders now," said Mr. Engler. "Prices are too high. Men who have bought and are feeding will not be so enthusiastic when they take their feeders back to Kansas City. The only buy I see today is calves. One ought to make money out of them."

Livestock operations on this farm were radically changed as a result of a talk between F. A. Blecha, county agent, and Engler's son, Elwyn. Blecha sold the boy on joining the county pig club. There had been no hogs on the farm for three or four years, until the boy bought a sow, paying \$30.

Today the herd contains 40 registered Poland Chinas. Engler bought a half interest in the hogs from his son and it has been a paying investment.

The partnership worked so admirably with hogs that it was extended to sheep and a flock of 50 ewes has been built up.

## Good Care Essential to Profits

"If we are going into the business of raising hogs and sheep," Mr. Engler told his son, "we must get the equipment properly to take care of them. They will not be profitable unless they receive good care."

So a sheep barn and a hog house were constructed and they have paid in reducing losses during farrowing and lambing. The equipment on this farm is modern, convenient and well built. There is a good barn, a poultry house, corn crib, engine house and sheds.

The corn crib has a driveway thru the center into which a wagon may be driven and the corn shoveled directly into the bins on either side. After corn harvest this runway is used as a wagon or machine shed, protecting implements from the

## Got Out; Stayed Out

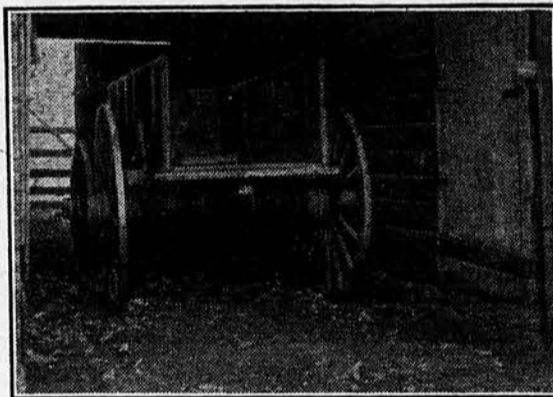
### Shawnee Farmer Quit Steers For Hogs and Sheep After War Closed and Likes the Change

By Ray Yarnell

weather. In a shed at one side is a feed grinder. A concrete water tank is located in the hog and feed lots. The barn and some outbuildings are lighted with electricity.

Always chickens have been partners with Engler in his farming operations. He has found them good "birds" to work with. All they ask is plenty of nourishing food and a comfortable house and in return they pile up the dollars in the family exchequer.

In 10 years not one live chicken has been sold from the Engler farm. This doesn't mean that a breed of chickens has been discovered that pos-



Engler's Corn Crib, With a Central Driveway, Makes For Economy in Time and Effort

sesses eternal youth or that will produce at maximum capacity indefinitely, or that Mrs. Engler keeps her chickens until they die from old age.

Chickens are sold every year, lots of them, but the ax has performed its service, feathers have been plucked, and the birds properly dressed before they are horded along to town.

Now dressing chickens for market involves considerable work but it also brings much higher prices, usually more than enough extra to pay for the work and leave a little profit besides. This year dressed chickens sold on the average at 32 cents a pound.

The Engler flock contains 150 hens and pullets, Rhode Island Reds. Usually 500 chicks are hatched. Cockerels and culled hens are sold, usually four or five a week during the season.

When the birds weigh 2 pounds some are sold as fries but most of the cockerels are fed until September and October and are sold when full grown. Mrs. Engler believes it pays to feed to maturity.

The flock usually produces an income of \$300

a year, in addition to the eggs and chickens used on the place. One year the income totaled \$500.

While Mr. Engler is sold on good equipment for farming, including quarters for livestock, he is just as particular about the house in which he lives. It is modern and is equipped with running water, electric lights and a furnace. The water system was installed in 1908, and electric lights three years ago. Previously acetylene lights were successfully used.

To aid in household duties, Mrs. Engler has a power washing machine, operated by a gasoline engine, an electric sweeper and a gasoline iron.

From 85 to 100 acres are cultivated and corn, wheat and alfalfa are produced.

Mr. Engler believes high freight rates are responsible, in part, for many difficulties farmers are facing. He holds that they are excessively high and should come down and he is strongly in sympathy with efforts being made in Congress to obtain a reduction.

## Must Equalize Commodity Values

"Prices for farm products are not too low," said he. "If prices of other commodities were not so high. The trouble is that other lines of merchandise are still selling on an inflated basis. They should be lowered."

"Take lumber for instance. In 1918 my brother bought lumber to build two hay racks. It cost \$30 or \$15 each. In 1922 the lumber to build a similar rack cost \$20, or an increase of \$5 a rack. That isn't fair, considering the drop that the prices of corn, wheat, cattle and hogs have taken."

"Nothing is the matter with farming; the trouble is in the markets which take farm products and in the markets that supply farmers with merchandise they have to have. Once values are equalized the problems of both sides will be more easily solved."



Manure and Straw are Good Tonics for Farm Land so Engler Has Two Spreaders and Uses Them

## A Living, and Something Besides

By F. B. Nichols

HOW can I make more money farming? What is wrong with agriculture? In what ways can farmers improve their lot? Will times ever get better?

These are questions which one will encounter in every county now as he travels over Kansas. In general the folks are happier than they were, and they have a greater belief in the future, but the rose of optimism is not completely unfolded—not by a whole lot.

Perhaps the greatest objection which farmers have to present-day conditions is the low price of farm products as compared to the cost of the things they must buy. The relative levels give them a pain, and justly. Naturally a producer asks why this situation has come about.

There is not much comfort to be gained from an examination of it, either. Farmers are selling on a buyers' market—to a fare-you-well—foreign markets are shot to ruin, and there is an over-production of many products, especially with the grains such as wheat and corn.

Along with this we find a highly organized condition in union labor circles and with capital. City people have been able to do a pretty fair job

of keeping up prices and profits on the goods and services they have—at least much better than the farmer. Their success, and the progress of the more highly organized groups of producers, such as the citrus and raisin growers of California, indicate a need for a much better merchandizing of farm products.

It is right along this line that a great deal of improvement will come in the future, as farmers gradually develop leadership, and purpose, and the ability to work together. There is much that one can be proud of in the last two or three years even, in a time when there have been so many unhappy failures in agricultural co-operation. Certainly the Farmers' Union of Kansas has done some mighty good work. The producers' commission houses are getting well organized on the great central livestock markets, and are making constructive progress. In co-operative effort is offered one of the great solutions of the unhappy price levels of today.

The rural credit angles are more hopeful. It is

likely that the national laws will soon permit a free flow of rural credit to the farms, as readily as to the city business men. Certainly this is all that is desired. These laws will take into consideration the somewhat peculiar credit needs of agriculture, which in general has a slow turn-over of capital, as compared with most other lines.

With adequate laws which take into consideration the short-time credit needs of agriculture for crop moving purposes, the requirements of the livestock men and of farmers who borrow money for improvement purposes, such as putting in a tile drainage system or building a barn, the situation is more hopeful. This is especially true when we also consider that before long the Federal Farm Loan Board will be able to lend up to \$25,000 on a farm—we hope—and that a farmer is already on the Federal Reserve Board.

When we get down to the matter of the transportation of farm products, however, we find a situation that is much more difficult to solve, and which has a great deal of dynamite in it. There is much to be said on all sides on this transportation question—and we might add that it is being (For Continuation Turn to Page 12)

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## Passing Comment—By T. A. McNeal

WILL the Mohammedans rise?" asks A. H. Couch, of Haviland, Kan., and then he continues, "You think the consequences may not be so dire after all. Can a nation rise higher than its ideals? When and where have the Mohammedans shown themselves capable of administering a decent government? How will you defend the world's greatest champion of slavery and polygamy?"

"Where have the Mohammedans established public schools or colleges or shown more than a nominal interest in education? How much art, science or philosophy have the Mohammedans produced?"

"Will you name a Mohammedan Homer or Shakespeare, an Aristotle or Kant, a Galileo or Newton, a Washington or a Lincoln, a Hussa or a Luther, a Florence Nightingale, a Harriet Beecher Stowe or a Frances Willard? When you are given the choice of the Koran or the sword we hope the consequences will not be so dire, but we are not very sure of it. Again I ask you can a nation rise higher than its ideals?"

I do not know where Mr. Couch got the impression that I am a defender of Mohammedanism. I merely suggested that if the Turks under Ismet Pasha should get possession of Turkey the results might not be so dire as most people imagine. General Harbord, who is certainly anything but a Mohammedan, speaks very highly of the Turkish leader. He regards him as a patriot and progressive man.

Personally I cannot say much for either the brand of Christians or Mohammedans they have in that part of Europe or Asia. I would hate to see the world dominated by either.

### State Elevators

SOMETIME ago Clyde Reed, chairman of the Kansas Public Utilities Commission, wrote and published an editorial in his paper, the Parsons Sun, advocating the building of state grain elevators. Governor Davis favors the same idea so that it has support from both Democratic and Republican sources. However it certainly ought not to be a party question at all. It should be determined on its merits and not for any political advantage.

First there comes the question as to whether building state elevators would be constitutional. The Kansas State Supreme Court in the 77th Kansas decided that a state oil refinery was a work of public improvement and therefore forbidden by the constitution. It might be that the court would render the same kind of decision about state owned elevators.

Granting, however, that state elevators would not be in violation of the constitution I can see no reason why they should not be practicable and a benefit to the grain growers of the state. The plan would be to permit the grain growers to deposit their grain in these elevators, take warehouse receipts therefor and these receipts would be collateral for loans up to a certain percentage of the market value of the grain at the time the loan was made. This percentage should be fixed by law as should also be the rate of interest to be charged for the money lent. The elevator charges would simply cover the cost of operating the elevator, depreciation and other necessary items.

This would enable the grain grower to hold his grain until the market was favorable for sale. There is generally a spread of about 30 cents a bushel in wheat price between harvest time and six months later. This of course is not always so but it is usually true. If the wheat grower could realize half of that spread it would mean to Kansas wheat farmers an average of about 15 million dollars a year.

There are certain things which the state in my opinion, may safely undertake and other things which it cannot safely undertake. It is not wise for example to undertake to manage lines of business which require particular skill by elective officers, for that reason I do not believe it would be wise to build state flouring mills, for example.

There are other things which the state may safely undertake. State elevators I think would come within this latter class. Also the state might safely undertake a system of crop insurance

that would work a great benefit to the farmers of the state. This would include insurance against hail or floods. Perhaps it would not be wise to undertake to insure against drouth, altho I am not certain that it would not be.

### No Use for Russia

I REG of you," writes Mrs. Charlotte R. Barnes of Clifton, Kan., "not to represent Russia as the land of promise. I am greatly distressed; my daughter, her husband and their two children are in Russia. I have received no communication from them for three months. They were then expecting mail service once in two weeks. They

### Capper's Program

JUST one kind of law for rich and poor.  
A square deal for all, special privileges to none.

Substantially lower freight rates immediately.

Justice for all our soldiers of the World War.

Abolish gambling in wheat, cotton, corn, and all farm products.

Reopening of foreign markets to American agriculture's surplus products thru an economic conference.

A constructive national policy for the relief of agriculture.

Laws to prevent price-gouging and profiteering.

The stripping of waste, extravagance, graft, incompetence and all partisan favoritism from the public service.

Honest enforcement of prohibition as a means of making prohibition world-wide, thru proof of its benefits here.

wish to come back to the United States, the best country of the world for all fair-minded citizens."

I can readily understand the anxiety of this mother. Neither do I consider Russia a land of promise in the sense of its being a desirable place in which to live. On the contrary I have no doubt that conditions there are very bad. Russia has been going thru hell and has not yet arrived at the end of the journey. How long it will take for conditions to get even tolerable I do not pretend to know. It may take a good many years and on the other hand the better times may not be very far away.

What I mean by saying that Russia is a land of promise is that I do believe conditions are going to be vastly better there than they are now. The Bolshevik government will either modify its plans or it will give way to a better form of government.

Terrible as conditions are in Russia and have been, it must be remembered that they are the harvest of centuries of misrule and oppression and corruption, just as the "Reign of Terror" in France was the legitimate harvest of the misrule that preceded it.

Russia has vast natural resources and these are as yet for the most part undeveloped. We cannot form a fair judgment of that country now. It will be at least 10 years before the historian can get the proper perspective. It may be much longer than that. Of course I agree entirely with Mrs. Barnes in saying that the United States is the best country in the world.

### Oppose the Code Commission Bill

WE UNDERSTAND," writes J. S. Hays of Manhattan, "that the School Code Commission has advised the legislature that a county school board should be created with power to manage our district schools, establish new district boundaries and disband schools. In common with all other rural patrons I have talked with I am opposed to this plan.

"The plan is undemocratic. This board might employ a teacher of whom the most of the patrons of the school would not approve, because the members of this county board would not live in the

district or understand the local conditions.

"As for the county board it would be made up of persons who have failed to make a success of business and desire a public job for themselves in order to provide a living. A capable person could not afford to give the job his attention for the compensation provided, so the places would be filled with fellows with plenty of gab and little brains.

"The second and greatest objection to the bill is the provision for consolidated schools. We cannot eliminate distance. True there are a few good things about consolidated schools but I have yet to meet the parent having small children to be transported to and from school who does not wish they had retained the old district school.

"While this season has been almost ideal we who have lived in Kansas long know that this is not always so. The roads may be good in the morning and blocked with snow by night. Do we wish our little children from 5 to 8 miles from home in a blizzard?

"We find that farms close to school find more ready sale than those distant from school and at from one quarter to one-third greater price. The consolidated school will decrease the value of the greater part of the farms.

"Are larger schools an advantage? I do not think so. The average pupil in the one-room school with an eight months' term is up with the average pupil in a large or city school with nine months' term. The reason is plain. Where there is a large crowd there is more light conversation and entertaining. When the pupil is more nearly alone there is more time for serious and independent thought, consequently brighter and better citizens. I think up to the present time nothing better than our district school has been found; let us not change rashly and repent our action afterward. We ought to preserve what little democracy is left us."

There is much to be said both for and against the one-room district school. If the right kind of teacher is employed and there are enough pupils to make the school interesting and not so many that the teacher cannot give them proper individual attention the system is nearly ideal. I have known a number of that kind of teachers in country schools and in every case the advancement of the pupils was remarkable.

Unfortunately however it is very difficult to get experienced and competent teachers in the country schools. The experienced teachers prefer the conveniences of the towns and they are able to get positions in town schools by reason of their experience. It is true also that the town schools generally pay higher wages than the country districts. There are exceptions to this rule of course, but it is the rule.

Now if Mr. Hays can figure out a way to correct these manifest disadvantages he will remove practically all the objections there are to the one-room district school.

### New Variety of Hens

I HAVE been reading a great deal about chickens of late," writes C. F. Frank of Copeland, Kan. "Much has been written about using artificial light to increase the output of eggs. This caused me to experiment on developing a breed of hens that can see as well at night as in the day and so do away with the necessity for any artificial light to induce the hens to lay.

"I conceived the idea of crossing the hen with the hoot owl. I find this cross very satisfactory, producing a bird that can see both day and night. I have doubled my egg production. The new variety retains the characteristics of the hen so far as laying eggs is concerned, and has the ability of the owl to see at night. The eggs laid by the hoot-hen during the day are perfectly normal, just like ordinary hen eggs, but those laid during the night have a slight owlish flavor. This I think can be corrected by careful selection. The new variety is more hardy than the ordinary hen and does not need any protection in the way of housing during the cold and stormy weather.

"In announcing the birth of an egg the hoot-hen makes a noise which is a cross between a hoot and cackle. This is not annoying to me but it seems to irritate some of the old regular hens. They appear to think that the hoot-hen is trying

to ridicule them and in some cases refuse to associate with hens of the new variety. I am not ready yet to take orders for eggs, not having fully completed my experiments."

### Farmers' Service Corner

**R**EADERS of Kansas Farmer and Mail 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.

#### Kansas Soldier Bonus

When will the Kansas state bonus for veterans of the World War be paid and how? L. M.

The legislature will pass an act providing for the manner of payment. It probably will be distributed thru a commission.

#### State Soldiers' Compensation Act

Does the compensation act voted on by the people at the last election include Kansas state troops enlisted by the state for service during the war? I raised a platoon of state guards here. Some say the bill takes in everyone that was in service that had an honorable discharge. R. O.

The language of this statute so far as it refers to persons entitled to this compensation is as follows: "The state of Kansas promises to pay to each person who was a resident of the state of Kansas at the time of his entering the service and who served in the World War in any branch

of the army, navy or marine corps of the United States prior to November 11, 1918, and who was honorably discharged therefrom, the sum of \$1 a day for each day of his or her entire service."

I am of the opinion that the companies of Home Guards which were organized in a great many of the towns of the state would not come under the terms of this bill.

#### Proving Up Homesteads

How long is it necessary to live on a homestead in order to prove it up? Does an ex-soldier of the World War get time off for being in the service? How much capital would be considered sufficient for one man taking a claim? What must be done in the way of improvements? Where must I write for information concerning the location of land now open for homesteading in the United States? T. R. K.

It is necessary to live on land for five years to prove up under the homestead act but the homesteader may be absent for as long as six months at a time. He must establish his residence on the land in six months after making his filing. A soldier of the World War is given an allowance for the time he was in the service.

It is very difficult to say how much capital the homesteader should have. I would say that he ought at least to have enough to buy his necessary farm implements, wagon, plow, harrow, a team of horses or a tractor, and enough to build a reasonably comfortable house and furnish it plainly.

And then he should have enough capital to keep him and his family for one year for the reason that the probability is he would not pro-

duce much in the way of money or produce what would bring money the first year. Of course, a man and his family can get along with very little. He could put up a claim shanty that would serve the temporary purpose of a home and perhaps build it with his own labor for a very small amount of money. He could then furnish it, if he is willing to make the sacrifice and his family are willing to make sacrifices for almost nothing, and he could cut down living expenses the first year to an amount that would seem almost unbelievable to the average person. So I do not think it is possible to fix an amount as the minimum.

There are no special requirements made by the Government in the way of improvements. The purpose of the homestead act is to enable the poor man to get a home and if he really establishes a residence and shows that he has made a home, altho it might be very humble it will be sufficient.

For information in regard to the location of the land write the General Land Office, Washington, D. C.

#### Making and Selling Candies

Is one permitted to make or manufacture candies at his or her own home and does one have to have a license to sell in the country and towns? Must all articles be inspected by a Government inspector? Mrs. N. S.

You would have a right to manufacture candy and a license would not be necessary. It would not be inspected by a Government inspector unless complaint was made that an unhealthful product was being made and sold.

## Country Must Have Lower Freights

### Cheaper Transportation is Our Biggest Domestic Issue at the Present Time, Says Capper in a Recent Senate Speech

**A** NEW demand for reduction of railroad freight rates on agricultural products, and the repeal of Section 15-A, known as the guarantee clause of the Cummins-Esch act, was made in an address in the Senate February 1, by Senator Capper. He prefaced his speech by reading into the record the joint resolution adopted by the two houses of the Kansas Legislature petitioning Congress to enact the Capper repeal bill and the Hoch act limiting the power of the Interstate Commerce Commission over intrastate rates, fares and charges. The speech, in part, is as follows:

"I am aware, Mr. President, that it is unlikely this Congress will be able to turn its attention to the transportation problem. I am also aware, Mr. President, as everyone must be, that the next Congress must find a solution for it in the interest of the whole people. In my opinion transportation will be the big question before the Sixty-eighth Congress. The present high plane of transportation rates is an embargo on the prosperity of a vast majority of our people.

#### Railroads Second to Agriculture

"Mr. President, railroads rank second to agriculture in the industrial procession of the United States. A small second at that. Both outrank manufacturing. Railroads and manufacturers prosper. Agriculture fights for its life.

"In 1922, railway net operating incomes increased 145 million dollars. Operating expenses decreased nearly 140 million dollars. Julius H. Parmelee, Director of the Bureau of Railway Economics, is authority for this statement. Forty railroad systems show earnings in excess of the 6 per cent fair-return standard fixed by the Federal Transportation act. The Interstate Commerce Commission, responding to my resolution of inquiry so reports.

"Last year the people of the United States paid the railroads 5,500 million dollars. This is almost twice as much as the National Government cost them.

As for the manufacturers and corporations, the flood of stock dividends, the usual cash dividends and the more than a few extra dividends, prove their present prosperity.

"During this time and for more than two years and a half, the farming industry, biggest industry of all, has been fighting for existence. It has been producing, usually at a loss—sometimes at almost a total loss—selling at next to pre-war prices and paying higher-than-war freight tolls to reach its markets.

#### Dangerous to Delay Reductions

"In some quarters we are blamed for insisting that the tail has been wagging the dog long enough; that freight rate reductions not only are necessary to get agriculture on its feet, but that the roads cannot longer afford to refuse rate reductions in the interest of general prosperity. We are also blamed for insisting that we cannot have fair and equitable rate-making until Section 15-A the rate-making clause in the Cummins-Esch act, is repealed. Yet this is absolutely the case.

"Mr. President, I am not a railroad baiter. I wish the roads to prosper and to obtain a fair return on their capital. But I know they are endangering their own welfare and the country's, so long as they delay these reductions. Someone

must keep this truth before Congress and must talk plain talk about it.

"My recent remarks in this chamber on rate reduction and the repeal of the rate-making clause, brought a storm of criticism from that section of the press which holds a brief for the railroads—the railroad magazines and a few of the big city papers chiefly.

"While these critics criticize, excessive rates are driving farmers to the wall. These unjust rates stand between the farmer and his markets; between the farmers and the only means a majority of them have for obtaining ready money. Knowing this the American Farm Bureau Federation said at its recent annual convention in Chicago:

"We demand the further reduction of freight rates until they shall be brought into proper working relation to the purchasing power of farm crops

"One of these critics, the New York Commercial, attempts to show that a substantial reduction of rates would benefit farmers to the extent of only 1 per cent of their expenses.

"A farmer's returns come from what he gets for his output. This is what militates so viciously against him now. When freight charges alone take 10 to 20 per cent from gross prices which scarcely meet the cost of production, no sort of juggling with figures can soften the blow. Freight charges do this and often more on long hauls. The farmer, more often than not, is a long-haul shipper. Kansas, for instance, produces more than a bushel of wheat for every man, woman and child in the United States. The price the Kansas wheat raiser gets for his wheat delivered, is the market price at destination less the freight he has paid. What is left is what he gets for his grain. Often he doesn't get the cost of production.

#### Only Half as Much to Ship Coal

"It costs a farmer twice as much to ship a carload of apples as it does a coal operator to ship a carload of coal the same distance. The farmer receives for his apples less than the cost of production, while consumers in cities pay 10 cents each for the fruit.

"Here is a commission man's table showing what the apple and the potato grower get out of the selling price of their crop and how much more the railroads charge for shipping it. Figures also are given for coal. It is a highly instructive table: Commodities—

Received a ton	By Producer. Amt. Per Cent.	By Railroad. Amt. Per Cent.
Apples—\$33.00	\$15.00—45.5	\$18.00—54.5
Potatoes—22.00	10.00—45.45	12.00—54.55
Coal—11.25	5.50—48.8	5.75—51.2

"In my remarks a few weeks ago I cited a number of roads in the same class of the 40 since reported by the Interstate Commerce Commission, that were earning more than their regular dividends. The Wall Street Journal of December 14 announced that the Michigan Central had declared an additional dividend of 6 per cent and its regular semi-annual dividend of 4 per cent. This road declared dividends of 14 per cent net for 1922, compared with 6 per cent for 1921, altho that year it earned 41.23 per cent net on its

capital stock, which is a good big profit to be sure.

"Regular dividends of 7 per cent annually are being paid by the Great Northern Railway. I learn from a circular advertising an issue of gold bonds by this company, that in no year during the last 10 has this road's income been less than twice the charges, and that it has averaged about 2½ times all charges.

"The income of the Southern Pacific is reported to have averaged more than twice all charges for the last 10 years, and to have amounted to 2.24 times the charges in 1921. In the year 1922, the net railway operating income of this road was nearly 10 million dollars greater than in its highly prosperous preceding year.

#### Paid Dividend of 20 Per Cent

"The Delaware, Lackawanna & Western has paid dividends of 20 per cent or more, for many years, and is still paying them.

"In addition to the 40 or more railroads reported by the Interstate Commerce Commission as earning more than the 6 per cent fair return rate, the big Pennsylvania System, Wall Street reports, will show earnings for 1922 in excess of 6 per cent on its capital stock, exclusive of a special dividend of 20 per cent declared by the Pennsylvania Company in December amounting to 16 million dollars. The Pennsylvania was included among the roads whose returns did not show any excess earnings based on claimed valuation, in the recent report of the Interstate Commerce Commission to the Senate.

"Another road, the Richmond, Fredericksburg & Potomac, declares a 100 per cent dividend obligation, a form of stock dividend.

"The roads have done the biggest year's business in their history despite the high rates. Business could pass these costs on. The farmer couldn't. He had to suffer. The number of cars loaded with all commodities, other than coal, during 1922, was the greatest in railroad history, exceeding by 16 per cent the total for 1921, and surpassing by 3½ per cent that for 1920. This statement is made by the car service of the American Railway Association."

Incidentally Senator Capper replied to the recent statement of President Storey, of the Santa Fe, attacking an earlier speech of Senator Capper regarding Santa Fe earnings.

#### Replies to President Storey

"President Storey criticizes my reference to the rapid growth of the Santa Fe's surplus, saying I did not say this surplus was not cash, but had been put into enlargements and into additional lines of equipment."

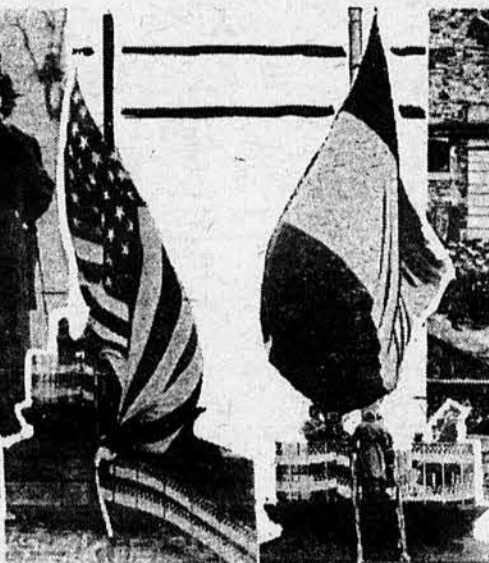
"What I did say was that the Santa Fe in 1921 put 4 million dollars more out of that year's earnings into maintenance of the system and its equipment than was actually spent in operating the road, and still has earnings after deducting all charges, taxes and interest, of 13 per cent on the common stock. I also said that in seven or eight years the Santa Fe had trebled its surplus after regular dividend payments, notwithstanding its prodigious expenditures for upkeep. For 1922 it looks as if the Santa Fe will have put 100 million dollars out of earnings into upkeep alone, besides paying its dividends and adding a neat sum to its surplus.

(For Continuation Turn to Page 19)

# News of the World in Pictures



General Allen Makes His Last Official Salute to the Stars and Stripes Accompanied by General Merdagh of the French Army and Paul Tirard, French High Commissioner



Major General Henry T. Allen and Officers Haul Down the American Flag From Ehrenbreitstein and the French Commander Replaces It With the French Tricolor



With Colors Flying and the Band Playing the Last Contingent of the American Army of Occupation Marched Out of Ehrenbreitstein, the Gibraltar of the Rhine



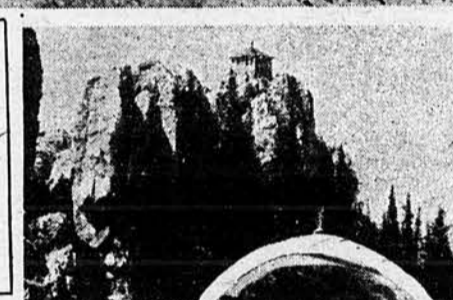
At the Left is First Lieutenant Bartsch of the Swiss Flying Corps Who Won Second Place in the International Ski Jumping Contest at Klosters in Switzerland; At the Right is Carl Risch of Austria Who Won First Place; There Were 41 Entries From Germany, Austria, France, Switzerland and Other Countries



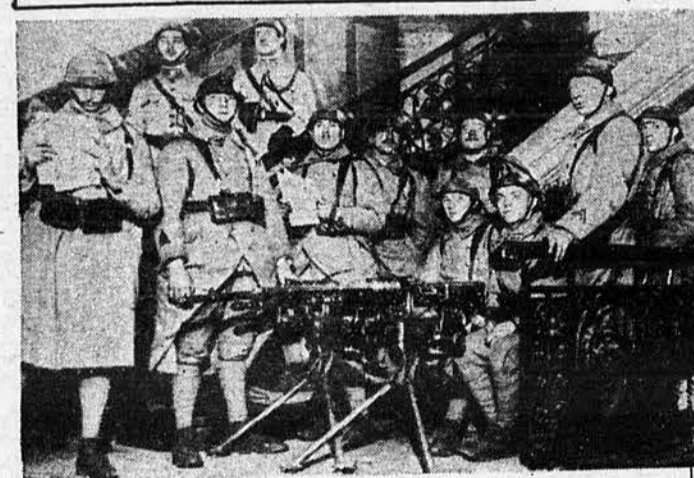
Charlie Chaplin, Famous Comedian and Popular Film Star, and Miss Pola Negri, the Celebrated German Film Star, Who Recently Announced Their Engagement While at Pebble Beach Lodge



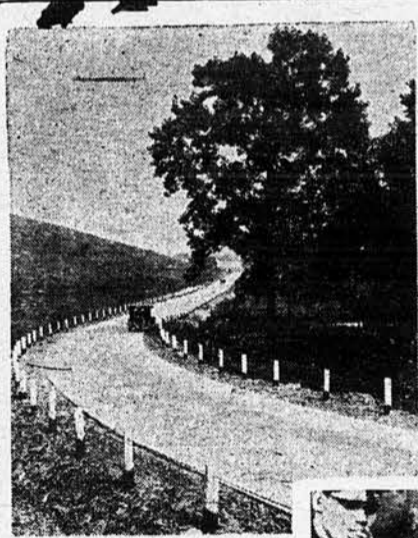
Workmen Digging at Tomb of King Tutankhamen, at Thebes, in the Valley of the Kings; This Egyptian Monarch Has Been Dead for 3,400 Years, But He is Still Live News for All That, Because Art Treasures Valued at Millions of Dollars are in His Grave



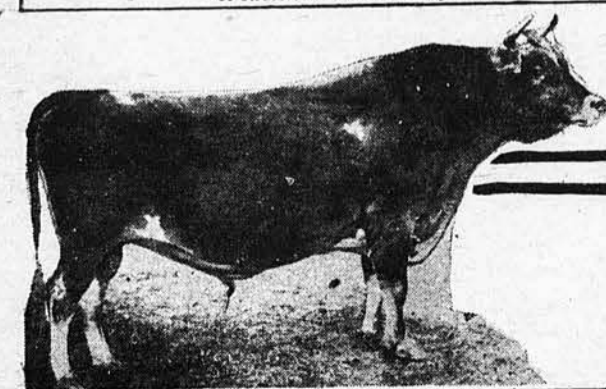
At the Right is Miss Paul Beard, Fire Lookout Observer at Harney Peak in South Dakota; She Lives in the Tiny Glass House Shown Above Her Which is Built Upon a Cliff, 7,240 Feet Above Sea Level; It is Reached by a 20-Foot Ladder in the Last Ascent



French Troops in the Office of the Great Westphalian Coal Syndicate at Essen; They Have Machine Guns All Set Up and Ready for Action in Case of Riots or Trouble of Any Kind



A Concrete Road With a Cable Guard Rail, One of the Many Beautiful Highways Extending Thru the Country in Pennsylvania, a State That Has Given Much Attention to Good Roads



Imported Golden Fern's Noble 145762, Always an Outstanding Producing Sire, Has Qualified for the A. J. C. C. Gold Medal; He is Owned by W. R. Proctor of Berryville, N. Y.



Lucy Tayiah Eads, the New Chief of the Kaw Tribe of Indians in Oklahoma; She is a Graduate of Haskell Institute and a Graduate Trained Nurse; She is the Only Woman Who Ever Held This Position



A Group of Coal Miners in the Ruhr Basin; They are the Men Who Today Either are Working Under French Guard or Striking in Protest Against the Occupation of the District by the French Troops

# From Forty Acres, \$1,830

*Corn and Soybeans, Fed to Hogs and Sheep in the Field, Yield Good Income to G. B. Thompson and Eliminate Labor of Harvesting and Feeding*

By Harlo V. Mellquist

FROM 40 acres, with very little labor, G. B. Thompson of Allen county harvested a combination crop in 1921 that netted him \$1,830, or more than \$45 an acre.

The field was planted to corn and soybeans. The corn made 60 bushels an acre and the soybean crop was good. Thompson bought 300 lambs, paying \$1,200 for them. They were in the 40 acre field 71 days, gaining an average of 20 pounds apiece. They ate the leaves on the corn stalks, soybean foliage and some beans. For the lambs Thompson received \$2,200, a net dollar gain of \$1,000 on that one deal.

Following lambs, 77 hogs were turned in the field. Fifty-five remained for 60 days and 22, which made slower gains, were fed 100 days. The average gain made was 105 pounds, the hogs going into the field weighing 100.

Thompson marketed the hogs at the lowest price paid during the year. The total gain netted \$542. Out of the field during the fall Thompson shucked 800 bushels of corn. Figured at 40 cents a bushel, the amount he later paid a neighbor, the corn he harvested was worth \$320.

## Income From the Field

The income from the field, derived thru gain on hogs and sheep and corn husked out, totaled \$1,862. The only labor involved was gathering 800 bushels of corn, which at 4 cents a bushel, amounted to \$32, leaving a net total of \$1,830.

If the corn totaling 2,400 bushels, had been shucked and sold for cash it would have brought 40 cents a bushel or \$960. It is difficult to estimate the value of the soybean crop but certainly it would not have been more than half the value of the corn. On that basis the combination crop would only have produced \$1,296 if sold for cash as compared to \$1,830 actually received, a difference of \$534 in favor of the methods Thompson used.

Of course if the same crops had been



Fields Producing Corn and Soybeans Serve as Efficient Self-feeders for Hogs on the G. B. Thompson Farm in Allen County

fed to hogs and sheep in pens, involving the labor of harvesting and feeding, it is probable that the results would have been more nearly the same. But under the system Thompson used he eliminated both the labor of harvesting and feeding without lowering his net return.

"Anyhow, I figure," said Mr. Thompson, "there is money in hogging down corn and soybeans, especially when sheep are run in the field first to eat the forage. In 1921, if I had struck a more favorable market on hogs, my profit would have been considerably larger. I chose the worst day of the year to sell. Any other day would have meant more money to me. But despite that handicap I obtained more than current market prices for the corn and beans the hogs consumed."

"The lambs sold for more than \$3 a head in excess of what I paid for them altho the price was high when I bought. My investment was heavier than it would be normally. "It is no small job to feed 300 lambs for 71 days and 77 hogs for more than 60 days if you handle the feed. I saved all that labor, employing my time on other work and getting paid for it. I shucked 800 instead of 2,400 bushels of corn and I didn't have to

take time to harvest the soybean crop.

"And then there was an additional profit which cannot be ignored. Both hogs and sheep left valuable manure on the ground. Broken down corn stalks were ready to be plowed under to add humus. Soybeans stored up nitrogen which is a valuable crop food. The roots broke up the soil and penetrated the subsoil, putting it in better condition. So while I took \$1,830 out of that field I also put back considerable fertility. I can't measure the benefit to the land, but a dollar yardstick but some idea of the value can be obtained by a comparison of yields of wheat after soybeans and wheat after wheat on similar ground. "Wheat after soybeans averaged 9 bushels more an acre than wheat after wheat. Of course, the gain where soybeans were planted with corn would not be so great as where soybeans were grown alone, but the manure from the hogs and sheep would make up in part for the difference.

"A fellow needn't worry about waste when he hogs down a field of corn and soybeans. No corn and mighty few beans escape the hogs. They are persistent in hunting for a bean that drops out of a pod and they usually find it. What beans escaped that

year were eaten in the spring by my brood sows. I turned them in the field for several weeks and they got in almost perfect condition by farrowing time. Beans that had been buried they rooted up, getting lots of exercise which was good for them.

"I am convinced that it pays to run sheep in the field first. They eat the leaves from the corn and bean stalks and leave most of the grain. If hogs were turned into the field first a certain amount of the forage would be tramped into the ground and wasted as the hogs prefer the grain.

"Hogging down corn and soybeans is not a new game with me. Back in Illinois where I formerly lived, the practice is rather common. I had tried it several times there with success and it works just as well in Kansas. Soybeans supply protein to the ration, balancing it, and hogs make quicker and better gains than if fed corn alone.

## Good Feed for Swine

"Soybeans grow well in this region and it is economical of space to grow them with corn. Apparently they do not interfere much with the yield of corn because I got 60 bushels an acre from my 40 acre field and had a good crop of beans besides. Every farmer who has several brood sows and raises a bunch of pigs to feed out every year in my opinion ought to grow soybeans in a small field that he can with corner task, hog down the crop. I believe it will pay not only in cash but in increased fertility of the soil, besides saving him a lot of work. It will be better still if he keeps a flock of ewes and raises lambs or buys lambs to feed, giving them the first crack at the crop. If he handles both sheep and hogs his chances of making money are increased and his chances of not showing a profit are greatly decreased. It is a safety combination of whose value experience has convinced me fully in every way."

# State Herds in Big Milk Gain

*Advisory Supervision by K. S. A. C. Dairy Husbandry Department Results in Increase in Production of 199,000 Pounds During 1922*

By Ray Yarnell

AVERAGE monthly milk production of 560 cows in 12 herds at state institutions in Kansas was increased 199,000 pounds last year as a direct result of improved methods of feeding established under the supervision of the dairy husbandry department of the Kansas State Agricultural College at Manhattan.

The value of the increase totaled \$4,324.73. The cost of the supervision was \$1,035.60, less than \$2 a cow and only 25 per cent of the value of the increase in production. In terms of total production of the 12 herds the cost was less than 1 per cent of the value of all milk obtained.

## Dairy Inspection Every Month

In 1917 the legislature gave the dairy husbandry department advisory supervision over state institution dairy herds but it was not until September, 1921, when a man was employed by the state board of administration and James A. Kimball, former state business manager, to inspect every herd once a month, that the work was so systematized as to yield important results.

In 1917, only one state herd had production records on its cows obtained by weighing the milk daily. Those in charge had little idea of what individual cows were doing. Boarders had an easy time of it.

By 1919 production records were being kept on every herd and several cows that were not producing sufficient milk to yield a profit above cost of feed, were sent to the block.

But it was difficult for the college to get results because it had only occasional contact with the herds and the men in charge of them. No system-

atic program could be planned or carried out. Theoretically advisory supervision was a fine thing; practically under conditions then prevailing, it was not getting anywhere.

Realizing the handicaps under which the college men were working, the Kansas State Board of Administration authorized the employment of Monroe Coleman, successful dairyman and

breeder, as inspector of state herds and made an appropriation sufficient to cover cost of inspecting every herd once a month for the year.

Immediately the dairy husbandry department, thru R. B. Becker, in charge of cow testing work, set in motion a campaign to improve the state owned dairy herds, to bring up their production and to lower costs. Of most im-

portance was the establishment of more satisfactory feeding methods.

Home grown feeds were made the basis of the balanced ration suggested. Every institution produced most of the roughage needed and a portion of the grain. Protein concentrates, such as bran, cottonseed and linseed meal, and some corn and barley, were purchased. The purpose was to make the farm, so far as possible, produce the bulk of all feed consumed by the herd.

Herdsman were encouraged to grow more Sudan grass, clover and alfalfa both for pasture and hay, because these crops are unusually well adapted to dairying. All institutions now are using Sudan grass extensively for pasture and have found, according to Mr. Becker, that it yields the most economical summer production.

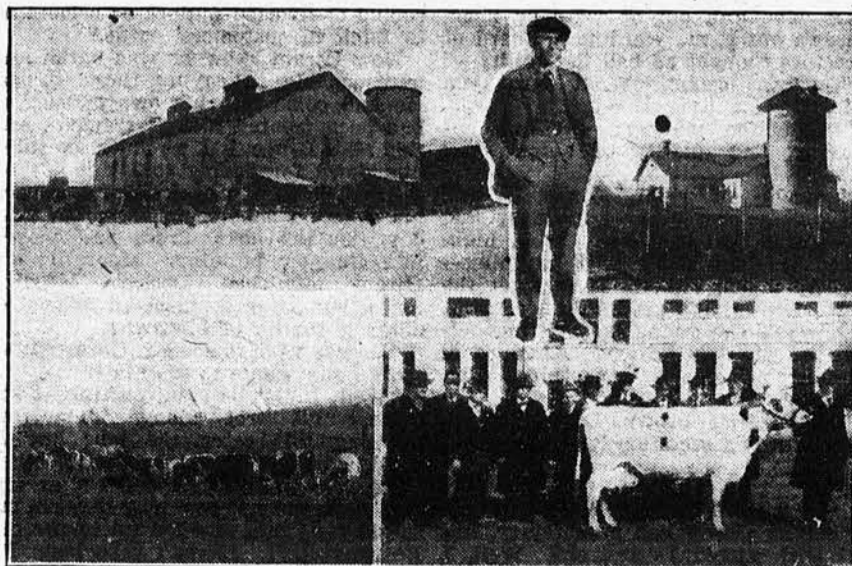
## Grain Feeds Supplement Pasture

Last summer for the first time every state herd was grained while on pasture which was largely responsible for the increase in production for the year. Feeding of grain prevented the usual slump in milk in July, August and September.

In the program of herd improvement now being carried out three things are emphasized: weeding out of low producing cows; elimination of animals infected with tuberculosis and the use of better quality sires.

Daily weighing of milk and frequent tests are depended on to reveal the cows which are not paying a profit. These are slaughtered. During the last two years a large number of cows have been removed for this reason and consequently the production average of the herds is increasing.

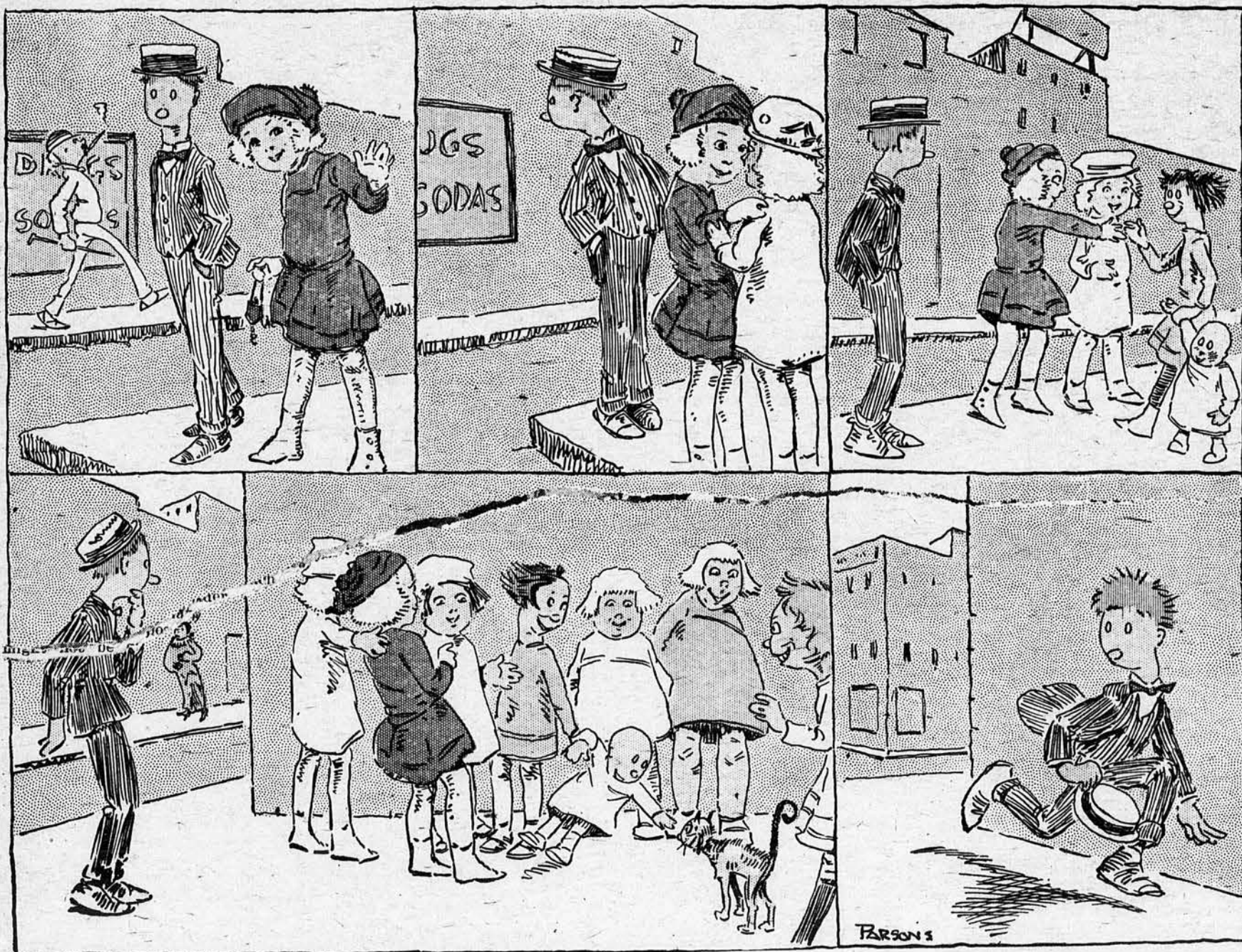
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Upper Left, Barn and Herd, State Reformatory, Hutchinson, R. B. Becker, in Charge of Cow Test at K. S. A. C. Upper Right, Silo and Barn at Norton Sanitarium. Below, Left to Right, Pasture Scene, Orphans' Home, Atchison. Group at Herdsmen's Short Course at the Kansas State Agricultural College

# The Adventures of the Hoovers

*Buddy is Not What You Would Call a Tightwad, But He Can't Be Blamed for Trying to Avoid Bankruptcy on a Trip to Town*



## The Lone Hand—A Comedy of Business By Henry Payson Dowst

(Copyright by Frank A. Munsey Under the Title "Father Was Right")

HIRAM pushed open Philip's office door and walked in without knocking. The two visitors had gone. Philip was poring over some layouts of a catalogue sent in to him from the estimate department for definite data, and did not at once look up. Hiram stood looking down at Philip's orderly desk, the neatly labeled pigeon-holes, the fresh blue blotter, the ink-well and pens in regular array—all very businesslike and systematic. Philip was checking over some sheets and figuring type sizes on a bit of scratch-paper. He worked with an admirable precision, wasting no motions, setting down no superfluous marks. It was good to see him thus absorbed in his work, so that even the entrance of an intruder did not at once gain his attention.

Hiram sat down alongside his son's desk and said sharply: "I'm in the market for a million eightsheet posters in color. Mr. Curdy referred me to—"

"Father!" cried Philip. "Dad! Great Scott! What are you doing here? I thought you were in Banff!"

"Was, until last Friday. Got restless. Phil, I've changed my mind. I'm too young to retire. I'm going to get back on the treadmill."

"Good!" shouted his son. "Hooray! That's the way to talk! Can't tell how we've missed you! Always hoped you

would get over that foolish idea of yours that you'd had enough. Let's get Curdy in and tell him."

"I've told him."

"Good! He's occupying your office; we'll have him out of there by noon. Curdy's our-g. m., you know. Board of directors thought he had the ability—"

"Curdy's smart. What are you doing?"

"Production manager—art and engraving, and quality of output, you know."

"Sounds all right. Guess I was always my own general manager and production manager, too. Well, high-sounding titles don't hurt anything—or help much, either. If you get the work done, that's all that's necessary. Say, who's the young lady sitting outside of Curdy's office? Kind of a reigning princess or something? She put on considerable airs."

"That's Miss Brown, Desire Brown. She's Curdy's secretary."

"I Don't Desire Her Around"

"Oh, so Curdy has a secretary, has he? Girl named Desire, eh? Well, I don't desire her around me any, thanks! She's too pert."

"Why, Dad Bosworth! That girl is positively the most efficient, capable, reliable, dependable—"

"Enough, enough!" cried Hiram. "What's the matter with you boys? Got to have a broiler to do your thinking for you? Kind of a brain in petticoats? Next thing you and Curdy'll have a couple of liveried butlers or something to fetch in customers' cards."

Now Hiram knew he was harsh and unreasonable in saying these things. He had come into his own office and had been treated like a stranger; and this Miss Brown had as much as called him down for daring to lay hands on the door-knob of a room that had been his sanctum sanctorum from the first day the Bosworth Press had moved into its new building. Mentally, old Hiram mimicked Desire's ladylike tones, imparting to them an offensive, mincing quality of his own:

"Do you wish to see Mr. Curdy? Who shall I say wants to see him?"

"Well, Phil," he said, puffing at his cigar, "I'll trot along. To-morrow morning I'll be on the job; and if Curdy can get fixed up in some other place, I'll just sit right down at my own desk and see how long it takes me to get my brain speeded up to the old Bosworth gait. 'Twon't take long. I'll tell you. Couldn't have stayed away another day and kept out of a bug-house."

Hiram arose and edged toward the door.

"I don't suppose," he said frankly, "you boys will be overmuch tickled to have me back. Curdy didn't cheer very loud, that I could notice. I suppose you've got things geared differently from what they were in my day. I'm not narrow, tho; I'm not blind to improvements. I'm not too old to learn, and if you young chaps can show me anything, I'm more than glad to listen. I don't want you to feel I'm coming back to upset you."

"Forget it, dad," said Phil. "It's just adding another brain and a good one—easily the best of the lot."

Hiram went away wondering if his son meant that. Of course he didn't. It was plain enough Phil was being polite. He, Hiram, was an old-timer, who had come back from the discard to interfere with progress. He was an intruder, an interloper.

Well, it was his business. These young upstarts were there by his sufferance. And that girl? Curdy could have her, but he'd better keep her out of Hiram Bosworth's way. Hiram didn't want any lady watchdog at his threshold—not much!

He got into his car and his chauffeur, by name James Gaffney, drove him up-town to a club distinguished for its ponderous respectability. Hiram's wife and daughter called Gaffney "James," but Hiram addressed him as

"Jim," and gave him cigars. Mrs. Bosworth and Mary said this was the way to spoil a good servant.

Hiram chuckled after a while, thinking of the consternation on Curdy's face on learning that the old man was coming back to take charge of things. Philip had behaved better; he, at least, had had grace enough to conceal his chagrin.

"I'll show 'em," grumbled Hiram. "I'll show 'em!"

#### The "Old Man" Tells 'Em

"I tell you it's all wrong; I won't stand for it!" roared Hiram Bosworth, one afternoon something like a week following his abrupt appearance at the office. "You boys don't use sound judgment. How the devil do you figure you're making money on such a contract?"

Hiram and his son Philip and Leach Curdy were seated in the old man's office, with Peter Nagel, head salesman, going over some orders Nagel had just brought up for acceptance. One called for a very large delivery of catalogs for a giant mercantile concern in the Middle West.

"Well," said Leach, "you've got to admit a job like this means plenty of work for all our help for some weeks, and no idle presses; so we can afford to take it at less than our standard profit."

"No you can't!" howled Hiram. "I say you can't. What do you think we established a standard profit for? This business is run to make money. We don't want jobs we lose on. Cheap jobs for the cheap Johns, I say."

"But Mr. Bosworth, this job is profitable—a low percentage on a big volume—"

"All wrong, all wrong, I tell you, Leach. Let's see your figures. Where's your margin of safety? Whoever told Homer Bangs to figure this job without our safety percentage? And say, what does he mean by putting in this grade of stock at eight cents a pound?"

"It cost us eight cents—"

Hiram groaned. He bowed his head in his hands and rumbled his thick white hair; then he made a gesture as of one vainly beating the air, a gesture expressing complete loss of confidence in human discretion.

"How much can you go out and buy it in the market for?" he demanded. "Can you buy a single pound, or ten tons of that stock for eight cents? Or eight and a half?"

"No, but we had a big jag of it in the stock-room—"

"And because you had it you wanted to go and sell it for less than it is worth. Well, you ain't a going to do it; not with my consent."

"But father," urged Philip, "the Middle States Printing Company has been after this contract for two years—and by figuring the stock at what it cost us instead of at the market, we can just beat their price and hold the business."

"Who said so?"

"Walker, the Badgley Company's purchasing-agent."

"Slickest duck in the business, Walker is. I've dealt with him for years. By gorry, he never put anything like this over on me! There's poor salesmanship here, Nagel. You let these fellows browbeat you."

"Well, you know, Mr. Bosworth," began Nagel lamely, "times are changing, and I felt we couldn't afford to lose that Badgley catalog—"

#### Better Salesmanship Needed

"I suppose you figured we could afford to print it and make old Simon Badgley a present of our profit, didn't you? I suppose you got sorry for the poor man and kind of pitied him. Say, Peter, how long have we been running a philanthropic institution for millionaire catalog houses, eh? Now listen, boys! I'm just as willing to lose Badgley's business as I am to drop this blotter in the waste-basket, if I can't make money keeping it. If it's a losing contract, let the other fellow take it and do the losing. I'll shut this whole damned plant down before I'll consent to taking work at less than our standard profit. And let me add just one little thing that I happen to think of. If we do lose the Badgley job, I'm going to have some one's hide!"

The sales manager squirmed.

"If the Middle States outbids us, Mr. Bosworth—"

"Outbids hell!" roared Hiram. "Is there a printer in the country that hasn't outbid us time and again? How

long since you boys have started worrying about bids? Holy cats! I thought if there was one house in the country that didn't have to figure every job against Tom, Dick and Harry, it was this. When I left I had things fixed that way. We sold our product for higher prices because it was better. I thought I had this bunch educated to my way of thinking, but I guess you've all backslid. Poor salesmanship, I say."

He lapsed into thoughtful and sullen silence. His companions sat and looked at one another in embarrassment. They all believed the old man to be wrong. Times had changed, competition was keener, other printers had come into the market with good work at lower prices than Bosworth's.

"What are you fellows doin'? Thinkin' up alibis? Say, Philip, go get me a bunch of samples of jobs you've turned out in the last three months. Let's see what your competitors have managed to scare you into doing."

Philip went out and returned with a handful of different items of printed matter—catalogs large and small, circulars, booklets, posters.

"I guess you'll find they're pretty good, on the average," he said.

"Average," snorted Hiram. "Average! Since when has Bosworth's been working to an average? One bum job, one bang-up one; average pretty good. That satisfies most folks. It don't satisfy me, not by a damn sight!"

He turned over job after job, with growing contempt.

"Look," he said. "This book ought to have been done on hundred-pound stock. You used eighty. See what it did to those vignettes? God-sakes, ain't you learned the first fundamental principles of half-tone work? Tryin' to run those soft vignettes on this kind of stock—"

"The customer was pleased," said Philip. "Besides, we saved him over seven hundred dollars on the job by using the eighty-pound paper."

"There you go!" cried the old man. "Saving the customer money, and putting the Bosworth imprint on a cheap-John job. Why, I'd rather have lost all that book cost to produce than have my name on it. Yet you didn't even have sense enough to leave the imprint off, when you knew the job would be the worst backhanded advertisement that you could invent."

#### Some Rotten Management

"If I remember correctly, Mr. Bosworth, we made a nice profit on it."

"Then you ought to be arrested," said the old man. "You skinned your customer; you got him up an alley and sandbagged him. You didn't protect him against his own short-sightedness. In other words, you prostituted the name of Bosworth—yes, by the Lord, you did! And I ain't a going to stand for it—look here."

Swiftly, he riffled thru the various jobs in the bunch of samples submitted by Philip.

"Rotten," he said. Then, as each successive piece of work fell from his fingers: "poor; fair; very mediocre; bad register; say, for Heaven's sake what kind of ink did you use to get that blue?"

"Now look here, boys, some one a few minutes ago said something about 'average.' Average what? Average lack of quality? That's all the average I can find. Let me tell you what you've been doing."

"First, you've let your fences get out of repair, and your competitors are ranging around like a lot of dogs in a sheep-pasture, killing off your business with 'price.'"

"Second, you've let the customer browbeat you into giving him something cheaper than he had any business to buy, with the mistaken idea that he was saving money."

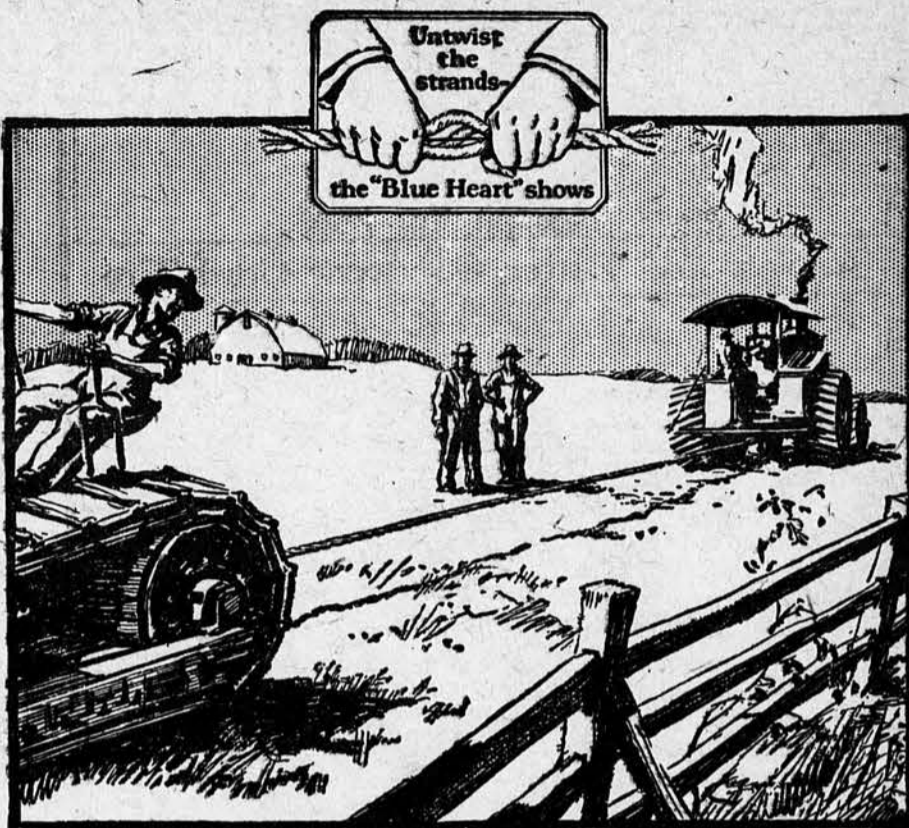
"Third, you've put my name on a lot of poor stuff and busted my reputation for fine printing to smithereens."

"Fourth, whenever you've had a chance, you slipped over something on the customer, making a profit where you hadn't any moral right to a nickel."

"Fifth, I'm going to stop it, right here and now! I'm going to make you boys walk a chalk-line. Let me tell you, there's going to be some sweating around this place."

The old man stood up at his desk and leaned across threateningly. His keen gray eyes blazed with the light of battle. His white hair was ruffled.

(Continued on Page 17)



## Rope stronger than Uncle Sam demands

H. & A. "Blue Heart" Manila Rope is mightier than the Government standard

Suppose two sixty-horse power tractors, each of 7,500 pounds pulling power, strained in opposite directions on a one-inch H. & A. "Blue Heart" Manila Rope.

They would exert a pull much less than this rope's breaking strength!

That's how strong H. & A. "Blue Heart" Manila Rope is. And that's why we can guarantee it to be stronger than the government standard. (See guarantee below.) Spun from the toughest rope fibre grown, it has excess strength for excessive strains.

And yet H. & A. "Blue Heart" Manila costs no more than many inferior ropes.

Be sure you get this safe, extra-strength rope when you buy. You can tell the genuine, guaranteed H. & A. "Blue Heart" Manila Rope by grasping it in your hands and untwisting the strands. Running through the center of every foot of H. & A. "Blue Heart" Manila Rope is a small blue thread—the "Blue Heart"—our trade mark. Before you buy rope, untwist the strands. If the blue thread is there you will have in your hands a genuine guaranteed

H. & A. "Blue Heart" Manila Rope—the strongest rope made.

For other tasks, where a high grade sisal rope is wanted, use the best—H. & A. "Red Heart" Sisal Rope, carefully spun from selected sisal fibre by the same skilled rope makers.

#### Special Offer!

The coupon below with 36c or 40c will entitle you to one of our new style combination halter and tie ropes—weather resisting and much stronger than ordinary halter rope or leather.

These ropes are 1/2 inch in diameter and are fitted with two snaps and two adjusters that cannot slip when in use.

They are worth much more than the low prices charged and are offered at cost to introduce to you the wonderful qualities of H. & A. "Blue Heart" Manila Rope and H. & A. "Red Heart" Sisal Rope.

If your dealer does not yet carry H. & A. brands and cannot supply you with one of these special halters, fill out the coupon below and mail to us with proper amount in stamps, mentioning your dealer's name, and one of these special halters will be sent you prepaid.

#### GUARANTEE

H. & A. "Blue Heart" Manila Rope is guaranteed to equal in yardage and to exceed in tensile strength the specifications of the U. S. Government Bureau of Standards. Any H. & A. "Blue Heart" Manila Rope found to be, not as represented will be replaced.

THE HOOVEN & ALLISON COMPANY, Xenia, Ohio, U. S. A.  
"Spinners of Fine Cordage Since 1869"

#### H. & A. Star Brand Binder Twine

Evenly spun from the best fibres, of full yardage, great strength, and used from coast to coast by farmers who claim it is never cut by insects.

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H&A "Blue Heart" Manila Rope

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"I Saved One-halt," says Clem Hawkins, Howard, Kans. You, too, can save. We Pay the Freight. Write for Free Catalog of Farm, Poultry, Lawn Fence.  
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**64 BREEDS** Most Profitable chickens. Choice, 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.  
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## A New and Better Goodyear Cord Tire

with the beveled  
All-Weather tread

You know what a marvelously good tire the Goodyear Cord Tire always has been. Now it is made even more efficient and economical, by a remarkable improvement in its tread.

This new All-Weather Tread is made from an extraordinarily efficient rubber compound, the most serviceable we have ever devised.

It is semi-flat, instead of round, giving broader road contact, which also offers greatly increased resistance to wear.

With no sacrifice of non-skid efficiency this new tread runs more quietly and smoothly, while adding thousands of miles to the life of the tire. You can get the improved Goodyear Cord now, at no extra price—your Goodyear Service Station Dealer has your size.

Made in all sizes for Passenger Cars and Trucks

**GOOD YEAR**  
Copyright 1923, by The Goodyear Tire & Rubber Co., Inc.  
Goodyear Means Good Wear

## I Want a Slogan

Here's your chance to win \$100. We are giving away \$350 in cash prizes to the persons who will send us the best slogans, consisting of not over 8 snappy words, so arranged that they'll make the name of OLD BEN and the COAL WE PRODUCE so impressed on the memory of farmers, that when they think of coal, the names of OLD BEN COAL will come to their minds FIRST.

**\$350 in Cash Prizes**



## Get a Pencil and Get Busy

You can win the first prize of \$100.00 if you get busy. Somebody is going to get it—that somebody can be YOU. Dust the cobwebs out of your brain—give your "think tank" a little pleasant exercise—grab a pencil NOW, write down all the trite, snappy slogans you can think of—select the ones you consider the best and send them in. Remember—slogan must not contain over 8 words—the shorter the better. Any man, woman or child can win a prize—everyone has an equal chance. A committee of 5 disinterested judges will select the winner. Send in as many slogans as you like. Cash prizes will be distributed as follows:

For the Best Slogan . . . \$100.00

For the 2nd Best Slogan . . . 50.00

For the 3rd Best Slogan . . . 25.00

For the 35 Next Best Slogans 5.00 each

Contest ends April 1st. Winners names will be announced in this paper. Old Ben Coal is as bright as anthracite, clean as a whistle with very little ash and properly sized for any stove or furnace. It is mined in Franklin County, Illinois—the choicest coal district in the middle west. Sold under the trade names of "OLD BEN," "PURITY" and "CHRISTOPHER." Ask Your Dealer For It (1)

**Old Ben Coal Corporation**

1114 McCormick Bldg.

Address, Publicity Dept., Chicago, Ill.

## We're Thinking Things Thru

### Brains of Progressive Kansas Farmers are Busy With Serious Agricultural Problems

SHOULD the benighted individual who thinks farmers are not informed on conditions affecting their business and are not using their brains for the purpose of thinking these things out for themselves, still exist, he should have attended Farm and Home Week at the Kansas State Agricultural College at Manhattan last week. To him the week's program would have been a "Book of Revelations."

It is true that the attendance was not up to some former years due in part to the fact that boys' and girls' club work was not included in this year's program. Yet many farmers turned out and spent most of the week at the college.

The fact that they were there was not so important as the things they did while they were on the campus—the things that, combined, made a composite picture of the mental attitude of Kansas farmers today.

#### Marketing Problems to the Front

The Kansas farmer isn't thinking so much about production as he is about marketing his livestock. He is giving more attention to the business of profitably selling his wheat than he is to the job of getting larger yields. He is doing a lot of his thinking in terms of taxation, credits and markets. He is informing himself on cost of production. In other words, he is concerning himself with economics, with the factors that vitally affect his business, the processes that function outside the farm. His thought is no longer in terms of his farm or his locality but in terms of the state, Nation and, in fact, the world. The traditional isolation of thought attributed to the farmer is a myth. There is no such thing any more and hasn't been for quite a while despite the fact that a lot of men keep kidding themselves that it still exists.

At the sessions of the short course on agricultural economics these facts were brought out most vividly. These meetings were exceptionally well attended. Farmers who took part showed they were thoroly conversant with the basic facts. Their remarks indicated they were thinking things thru, not blindly accepting somebody else's thoughts on the matter.

Farm and Home Week was many sided in its appeal. Livestock received much attention. The dairy meetings were well attended as were the short courses dealing with feeding and care of hogs and cattle. Poultry once more demonstrated its ability to seize and hold attention. Several livestock associations held their annual meetings

during the week and elected officers.

It is very evident that Kansas farmers are in no mood to lower their standards of living. A suggestion that recently came from a banker, as related by Ralph Snyder, president of the Kansas Farm Bureau Federation, that farmers return to the standard of living extant in 1913, is considered as a fit contribution for "Judge" or "Life." The farmer will not consent to go back because he has made up his mind to go ahead and nobody, except a shallow thinker, wishes him to change his mind.

The farmer's determination to better his living conditions and to more systematically organize the mechanical part of his efforts, getting away to some extent from the physical drudgery which always will be a part of the job of tilling the soil, was evidenced in the attention given to short courses in engineering held during the week.

At one meeting 150 persons were present and half or more were farmers. They sought information about modern houses, barns and other farm buildings. They were interested in farm plans developed in the interest of efficient management. They looked for and found expert opinion on farm implements, tractors, trucks, gasoline engines, power washing machines and household equipment.

#### Farmers Interested in Buildings

The building program on the farms of Kansas has not stopped; rather it is gaining momentum. According to college engineers, the equipment being constructed is of good type and quality and therefore is most economical.

This resistance to a lowering of the standards of living on the farms, this widespread interest in economic questions, this serious consideration of ways in which to reduce costs and stimulate more economical production of everything that comes from the farms, all are factors working toward the betterment not only of agriculture but of the whole business structure of the United States.

Among the prominent speakers who appeared on the program during the sessions were O. E. Bradfute, president of the American Farm Bureau Federation; B. H. Hibbard, professor of agricultural economics, University of Wisconsin; E. D. Ball, director of scientific work V. S. D. A.; E. T. Montgomery, Chief of the Food Stuffs Division, Department of Commerce; Prof. J. B. Davidson, head of the department of agricultural engineering, Iowa State College; and Clyde Reed, chairman of the Kansas Public Utilities Commission.

## Rotation Increases Wheat Yield

BY H. M. BAINER

CONTINUOUS cropping to wheat for 10 years at the Kansas Experiment Station reduced the yield to less than 7 bushels an acre, whereas during the same seasons, land that had been rotated with corn produced a trifle more than 16 bushels an acre. In another rotation which included alfalfa, the yield was 18 bushels and this was increased to 28 bushels by the application of 5 tons of barnyard manure an acre every three years. In other words, the rotation and the barnyard manure produced four times as much wheat as was obtained by growing wheat alone.

No rotation can be suggested that will fit all conditions in the Southwest. The great diversity of soils and climate makes it necessary to use a different plan for every section or region, or frequently for every farm. It may be stated, however, that no rotation is complete without a legume and a cultivated crop. In the corn belt a common rotation is corn, oats, wheat and clover, each, one year; or corn two years followed by oats, wheat and clover, each one year. Soybeans and cowpeas are coming into prominence in the more humid portions, especially where clover has not proved satisfactory.

The usefulness of these legumes depends largely on the fact that they may be grown for seed, hay or green manure to plow under. Many farmers are finding these legumes more profitable than oats, and in some cases more profitable than corn, to say nothing of the improvement to the soil. Alfalfa should be used in rotations with wheat more generally than it is.

In the drier portions of the wheat belt, a rotation used by the Kansas Experiment Station at Hays may be depended upon to give better results than continuous cropping. This rotation provides for approximately one-half the cultivated land in wheat each year, one-fourth in kafir or other sorghum and one-fourth in fallow. A given field, according to this scheme, is cropped to wheat two years in succession, followed by sorghum and is fallowed the fourth season as a preparation for wheat again. To make the most of this plan enough livestock should be kept to use the roughage and kafir grain.

# Into Livestock Marketing

## Kansas Farm Bureau Members Organize Commission Company at Annual Meet

**O**RGANIZATION of the Kansas Producers Livestock Commission Company, a non-stock, non-profit organization, to operate on the Kansas City market and handle shipments of livestock by farmers, was the feature of the annual convention of the Kansas Farm Bureau Federation held at Manhattan in connection with Farm and Home Week. Twenty members of the bureau signed the application for a charter which will be filed with the state charter board immediately.

Action was taken, according to Ralph Snyder, president, after efforts to co-operate with the Kansas Farmers' Union which operates a large livestock commission company at Kansas City, had failed to result in a satisfactory working agreement. "The stumbling block was the question of representation on the board of directors of the Farmers' Union organization," Mr. Snyder said.

### New Financial Plan Adopted

The convention adopted a new financial plan by which the county organizations will pay a lump sum to the state association, approximately \$500 apiece, instead of \$3 a member as in the past. This was decided on, it was stated, in order to more equitably distribute the support of the state organization. It is estimated that this will produce about \$18,000 for the state bureau as one-fourth of the total goes to the American Federation.

Because the Kansas federation is in debt several thousand dollars it was decided to economize in every way possible. Instead of electing a new secretary, following the resignation of C. R. Weeks, this work will be taken over, at least temporarily, by President Snyder.

Forty-six county farm bureaus are members of the state federation while 14 have not yet joined, according to a report to the meeting. President Snyder stated that the federation would devote a great deal of attention this year to co-operative marketing of wool, livestock and grain.

Resolutions adopted recommended the consolidation of boards and commissions wherever it can be done practically and economically; indorsed a bill prohibiting the sale of filled milk; opposed the issuance of bonds without a vote of the people; urged the classification of property for taxation; advocated the assessment of farm land on a basis of its actual earning ability; urged a unit of school administration and taxation; warned against the possible curtailment of agricultural appropriations that might mean the crippling of endeavors for a better, cheaper and more efficient production; favored a tax on production of certain natural resources; opposed further taxes to build hard roads or other public improvements; urged that the Muscle Shoals project be put in the hands of a private corporation for development; urged a change in the Esch-Cummins Railroad law; advocated the limitation of the power of the Interstate Commerce Commission in regard to intrastate railroad rates, condemned the "Pittsburgh Plus Plan"; voiced opposition to the issuance of additional tax-free securities; protested against a ship subsidy bill; and indorsed a state income tax law and the Capper Truth-in-Fabrics bill.

### New Officers Elected

Ralph Snyder was re-elected president of the Kansas Federation, F. O. Peterson of Burdick, vice president and G. C. Gladfelter of Emporia, treasurer. The following directors were chosen: O. O. Wolfe, Ottawa; E. O. Barrier, Eureka; E. G. Hoover, Wichita; Charles Bird, Atwood; Carlton Hall, Coffeyville; William Leak, Tonganoxie; Andrew Sherer, Frankfort; E. E. Pound, Coldwater and Mrs. Zada Hulbert.

Selection of the next convention city and the date of the meeting was left to the board of directors. It was reported that the meeting might not be held at Manhattan next year.

Silage odors are absorbed largely thru the body of the cow rather than from the air, according to tests made by the United States Department of

Agriculture. However, these odors may be practically or entirely removed by the aeration of the milk while it is still warm. Rather heavy feeds of silage may be given to cows one hour after milking without any undesirable flavors or odors passing into the milk. When green alfalfa was fed in relatively large quantities one hour before milking marked flavors and odors were noticed in the milk, but when as much as 30 pounds per cow was fed after milking, there was no effect on the milk from the next milking.

### Miller Heads Hereford Breeders

Dr. V. E. Miller of Council Grove was elected president of the Kansas Hereford Breeders' Association at the

annual meeting held at Manhattan as part of the Farm and Home Week program. B. M. Anderson of Manhattan was re-elected secretary. District vice presidents were chosen as follows: First district, O. F. Beckett, Hiawatha; second district, John Burdick, Lane; third district, E. S. Rea, Coffeyville; fourth district, Dewitt Hull, Eureka; fifth district, C. G. Steele, Barnes; sixth district, J. H. Miller, Woodston; seventh district, G. L. Mathews, Kinsley; eighth district, R. H. Hazlett, El Dorado.

### Shorthorn Men Meet

Officers of the Kansas Shorthorn Breeders' Association were re-elected at the annual meeting held in Manhattan during Farm and Home Week. James G. Thompson, Wakarusa, is president of the association and A. M. Paterson, Manhattan, is secretary.

The Kansas Farmer and Mail and Breeze desires to get letters from farmers in every part of the state telling about their experiences in raising and marketing crops in 1922, whether profitable or unprofitable.

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MR. OWNER OF AUTOMOBILE, TRACTOR, TRUCK OR MOTOR ENGINE:

Dear Sir:-

In the designing and building of a motor engine, truck, tractor or pleasure car, expert engineers design the motor to perform with the greatest efficiency and the greatest economy. After the engineer has performed his work in the laboratory of the motor builder, then he must come to the laboratory of the maker of Motor Oils, because the absolute life of the motor, tractor, truck or gas engine depends upon scientific lubrication and the best Gasoline and Motor Oil that can be used.

This Company, thru its process of scientific refining, produced En-ar-co Motor Oil and White Rose Gasoline. Its chemists and engineers claim for it the best Motor Oil and the best Gasoline on the market, but, not satisfied with their knowledge, expert engineers took the oil and tried it in every make of automobile, tractor, truck and gas engine, proving its success, and our salesmen can show you evidence of the approval of the oil by prominent motor builders.

In the manufacture of En-ar-co Motor Oil and White Rose Gasoline, we use the best Crude Oil and, in our scientific refining, our laboratories are constantly checking the results by testing samples hourly, so that, during a year's time, a Million Tests are made in our laboratories, guaranteeing to the user of En-ar-co Motor Oil and White Rose Gasoline absolute uniformity and quality, and if you use En-ar-co Motor Oil and White Rose Gasoline, your repair bills will decrease, the life of the motor will increase, and more power will be developed.

This statement, we make, based on our reputation, having served the public for forty years and being recognized as the scientific refiners of the highest grades of petroleum products. If you have not used En-ar-co Motor Oil and White Rose Gasoline, will not this statement lead you to the nearest place that you can purchase it? Then, you will see the satisfaction it will give.

Yours very truly,  
THE NATIONAL REFINING COMPANY,

*Frank B. Butler*  
President.

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Send us your name and address and we will mail absolutely Free the famous En-ar-co Auto Game. All can play it and all enjoy it. Address Dept. 704-312.



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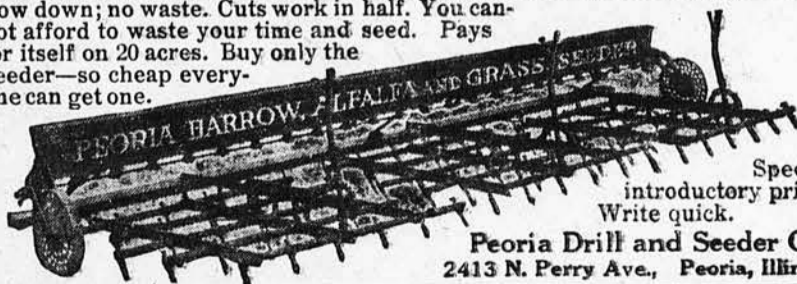
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of this organization, in care of our office nearest to you, for suggestions on your particular crop problems. This Bureau, in charge of Dr. H. J. Wheeler, formerly Director Rhode Island State Experiment Station, carries on practical experimental work in all sections of the country, to determine just what fertilizers are best adapted to each crop and locality. It is conducted as a helpful service to the American farmer. No charge or obligation.

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## Capper's Farmer Eight Months For

# 10¢

Senator Arthur Capper's Washington Comment  
One of the most interesting and instructive departments of Capper's Farmer is conducted by Senator Capper in Washington, D.C. In these articles you get the latest and most authentic news and comment on what should be, and is being, accomplished by our representatives.

CAPPER'S FARMER is edited by men who live on the farm. It is published in the heart of the greatest agricultural country in the world. It stands for a square deal for the consumer and fair profits for the producer, thru eliminating grain gamblers, market jugglers, and other trusts and combines. For the American farmer, who wants to be progressive, there is no such favorite as Capper's Farmer. There is a department for the women, boys and girls, marketing livestock, poultry, dairy, farm machinery, horticulture, health, etc. In order to introduce Capper's Farmer—a farm paper that's different—the publisher agrees to enter a trial subscription—8 months for 10 cents. Send dime or stamps. CAPPER'S FARMER, Dept. 100, Topeka, Kansas

## Letters Fresh From the Field

FARMERS are urged to make free use of this page to discuss briefly any matter of general interest to rural communities. Address all letters intended for this purpose as early as possible to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

### Change of Pasture for Sheep

The farmer is anxious to get a good return from his flock of sheep. And there is no farm animal that will return a greater per cent of profit year after year if properly cared for. One wise method of caring for the flock is to give them a change of pasture as often as possible. The sheep are placed into a weed patch or on a rough piece of land where the sprouts and underbrush are thick and there they are kept a long, long time.

They devour everything they can reach on the earth or above it, but no change is made. They suffer and do not show signs of prosperity. It is a good plan to change the flock to another pasture when the one they now occupy gets short. Give it time to grow up again.

Then a change tends to keep down disease. The new surroundings and the new pasture are all healthful. The sheep pick right up and show by their actions and condition they enjoy the change. If the farmer has several lots where he may run the sheep at intervals so much the better.  
Rocky Ford, Colo. W. D. Neale.

### Money in Marketing Eggs

Our poultry house is made of adobe block and is 14 feet wide and 70 feet long, having four windows and four doors on the south side. The north wall is 5 feet high and the south side is 7 feet high.

The house has a cement floor except scratch pen which has a window 6 by 6. All windows have a 1 foot opening above them with burlap covering for ventilation, also a drop door below windows. The house has ventilators on top and two rooms with colony brooders for baby chicks and an incubator room on the west end.

We find that to get good results from incubators one has to supply plenty of fresh air in the incubator room, also in the incubators, and plenty of moisture during the last week of incubation. We sprinkle the eggs at least every other day the last week of incubation and turn them twice a day.

By observing the hen while she sits one can gain some of the best points on incubation.

As we are after egg production we find the English Single Comb White Leghorn best adapted for that purpose. They are somewhat larger and lay a larger egg than the American Leghorn.

We have 204 English Leghorn pullets, some of which began to lay by October 1 and during the month of December we gathered 1,125 eggs, and at present more than half of the hens are laying.

We feed a hot bran mash of mornings and the hens have free access to a laying mash which consists of 50 pounds of bran, 50 pounds of shorts, 50 pounds of cornmeal, 25 pounds of oats chop, 10 pounds of charcoal, 20 pounds of beef scrap, and a small amount of salt.

They also have plenty of scratch grains such as kafir, and corn at nights, with plenty of skimmed milk. They are kept in during stormy weather.  
Brandon, Colo. Irwin Giltner.

### His Favorite Farm Paper

In my opinion the Farmers-Mail and Breeze is the best all-round farm paper which is published. It is one of the Capper publications, issued every week in Topeka and has a wide circulation not only in Kansas but in various other states in the corn belt region.

In almost every farm home in Kansas one can see a copy of the Farmers-Mail and Breeze as it contains a wide variety of news. There are different sections devoted to all members of the family as for instance, there is a

part for the children, sociological side experiment side, business side and farm work in general containing the weekly report of different farm news of interest.

It takes up material subjects on all branches of livestock and crops and treats their headings with a very wide range. Articles written by experts on the different experiments performed day after day are included.

There is an editorial page which is very broad minded and gives a general opinion on most farm subjects of interest. There are not the familiar articles which are found in most magazines but news of interest, and timely in subject matter.

Besides the serious and more important functions of this paper one can find continued stories which are of interest to all members of the family. One of the main assets of this paper is that it is a weekly and comes often enough to keep the farmers well posted on popular topics of the day.

Taken all in all I would consider Kansas Farmer and Mail and Breeze the best paper published in this part of the country for the farmer.

L. E. Erwin.

Riley County, Kan.

### A Living, and Something Besides

(Continued from Page 3)

said. There is quite a general disposition to draw a herring around over a good many trails, with more or less effect, mostly less.

Perhaps it may clear up the atmosphere a little if we take a few things as a basis to go on—if we can agree on even these. One is that we must have lower freight rates. Another is that capital should have a reasonably good return for the money invested in railroads, ships, motor trucks, and anything else, such as terminal elevators, required in the handling of farm products. Much of the alleged argument around which the transportation question revolves is in connection with only the railroads, but it is well to remember that this is just the main phase of the matter.

### Must Reduce Shipping Costs

Very likely we will find that many things will be done with the transportation problem. Doubtless in some cases the wages of railroad labor will be reduced, and lower rates will come, whether the railroad executives wish them reduced or not. Then we will perhaps make a greater use of the waterways and of motor trucks. Along with this will doubtless come a "change in the agricultural and manufacturing geography of the country," which Herbert Hoover has so forcefully suggested.

Here is where diversified farming comes into play. For example, let us consider the powdered milk plant, which has been built at Larned. The farmers of Pawnee county, and all of Central Kansas, have been shipping alfalfa hay and mill feeds to Wisconsin and Northern Illinois, where they are converted into powdered or condensed milk. But how much better it will be to keep this feed in the Larned community and feed it to dairy cattle along with silage—the record Kansas yield of silage on a measured acre is on the farm of A. L. Stockwell of Larned, of 26 tons—and then convert the milk into the highly concentrated food, powdered milk, from which even the excess water has been driven!

### Raw Versus Finished Products

Instead of sending out hay, which has a low value considering its bulk, and mill feeds, which have a somewhat higher price level, the Larned folks will be shipping the exceedingly expensive powdered milk, on which the freight will form but a small part of the total value.

If we can get agriculture on a basis where we have more co-operative effort in selling, an adequate flow of credit to the farms, lower transportation costs and real diversified farming, there is a better hope of a prosperous future. But it is going to take the co-operation of a lot of things to bring agriculture up to the point where it must go if it keeps the best of the younger people on the farms.

## Capper Pig Club News

Two Thousand More Members are Needed. Fifteen Counties are Ready for Work

BY RAYMOND H. GILKESON  
Club Manager

**D**ON'T you think it's mighty fine to watch the members lining up for the big race in the contest for 1923? So far 15 counties have enough members to compete for every prize offered. Other counties are filling up very well. The membership in previous years was limited to 10 boys in each county, but this year we are organizing two and three teams in some counties. Every boy in Kansas who is interested in getting a start in the purebred business for himself should send in his application. Enrollment closes March 15, so you had better enroll now and get your sow before the contest record work starts. Butler, Clay, Cowley, Dickinson, Graham, Jackson, Jefferson, Jewell, Labette, Lincoln, Linn, Mitchell, Morris, Pratt, and Sumner counties are eager to start the fight for the prizes—they are after everything offered.

Club Offering of Spotted Poland Chinas, Tuesday, February 6, 1923. Twenty-six Head Bred Sows and Gilts. Sale Pavilion, Council Grove, 2 p. m. Lauren Rumsey, Manager. That is a sample of the things club members can do by working together. The results of the sale will be printed later.

It doesn't matter what breed you favor. If you have a purebred sow enter her in the contest. If you don't have a sow and haven't enough money to buy one, just send in the application and let Arthur Capper help you get one.

You are the boy or girl who is going to make a success if you work for it. If you wish to own purebred pigs or poultry make the start right now. You never will have a bank account unless you go after it. You desire of course to make something of yourself and be independent, and the earlier you start the better. The Capper Pig and Poul-

### Who Would Like a Purebred Sow?

**I**T'S YOURS if you wish it—a purebred sow that will build a good herd for you. Don't stay out of the Capper Pig Club because you don't think you can buy a sow. Arthur Capper will lend you the money for that. Don't stay out of the club because you don't know where to get a sow. One of our livestock fieldmen will buy your sow for you—and you can depend on these fieldmen to make a good buy. Perhaps you know them—J. W. Johnson and J. T. Hunter. They know hogs and will get what you desire.

If you are a boy living in any of these counties, send in your application and you'll still have an opportunity to enroll. Almost every county in Kansas has some club members, but we need more in every county. Enroll now, boys, and get a start. Help your county win.

One big reason why club work is going to be full of pep this year is the fact that many boys in vocational agriculture classes are joining the club. Word comes from John T. Pearson, vocational instructor at Mankato, that six boys in his classes are ready to compete for the prizes offered in the Capper Pig Club contest. Earle H. Martin, of Pratt, and S. D. Capper, Beloit, send word that their classes will be represented by 10 boys. E. A. Clawson, Altamont, writes that 35 of his boys will represent their class and county in the contest. There is a mighty lively line-up, and it is hoped that many other agricultural classes will take up the work.

Last year two clubs were formed in Morris county. Both clubs were winners and they are coming back to prove they can repeat their winnings. Just the other day the club manager received a sale announcement from the leader of one of these clubs. It reads, "Morris County Capper Pig

try clubs stand ready to guide you over the rough places while you are making the start. Boys, we are waiting for your applications, and girls, we are expecting yours, too.

### Cunningham Elected President

C. C. Cunningham of El Dorado was elected president of the Kansas Crop Improvement Association at the annual meeting held at Manhattan during Farm and Home Week. Albert Weaver, Bird City, was elected vice president and S. C. Salmon secretary-treasurer. Directors chosen were: F. S. Laptad, Lawrence; Albert Rogler, Cottonwood Falls; J. H. Taylor, Chapman; J. H. Kilbuck, Ottawa; Bruce Wilson, Keats; and A. M. Dunlap, Carlyle.

The association adopted a resolution approving the pure seed law now pending before the Kansas legislature.

### Sheep Breeders Hold Meeting

Officers of the Kansas Sheep Breeders' Association were re-elected at the annual meeting held during Farm and Home Week at Manhattan. A. L. Stockwell, Larned, is president of the association and Prof. A. M. Paterson, Manhattan, is secretary.

## 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

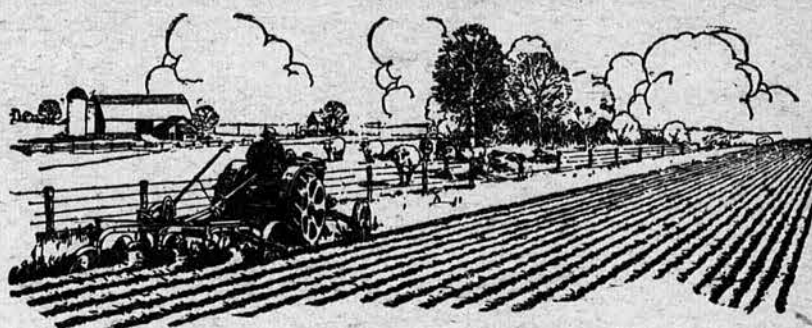
.....Club.  
(Write pig or poultry club)

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 18



## Two Ways to Better Profits

A better than average crop every year, from every acre, by better farming and by farming more land with the same help and labor cost—these are sure ways to better profits open today to you and to all farmers who use



With a Case tractor you get all the benefits of more timely work; better and deeper plowing; more intensive tillage; greater farming capacity; less help required; ample power for all drawbar and belt work.

Case tractors are well adapted to all farm work, both traction and belt. They are dependable and durable because:

In Case tractors all gears, bearings and wearing surfaces are enclosed—protected from dust and dirt.

The engine has removable bearing shells and bushings. Practically all other bearings are roller and ball bearings of the highest quality.

Ample power is furnished by Case-

built engines. This power reserve means economy and longer life.

Power is transmitted to both drive wheels through simple, cut steel spur gears—all completely enclosed.

Belt pulley is mounted on engine crankshaft, and there is no waste of power through gears.

These advantages are enjoyed by thousands of Case tractor owners who find in them, every year, a source of better profit. Write for a copy of the booklet "Better Farming With Better Tractors," and get the whole story.

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NOTE: Our plows and harrows are NOT the Case plows and harrows made by the J. I. Case Plow Works Company.

## How to Renew Your Light Plant



**Universal BATTERIES**

If you operate any Farm Light and Power Plant, you want to know about our special Battery Exchange Offer. We take your old, spent batteries, make you a liberal allowance for them and renew your plant with the famous Universals, specially designed for your particular plant.

These time-tested long lasting batteries deliver a constant dependable flow of current. They make your lights burn brightly and steadily—no flickering—and provide abundant reserve power for heavy duty. As standard equipment on many of the best Farm Light Plants, thousands of them are now giving uniform satisfaction everywhere.

### 521 Experiments

Don't buy an unproven battery. Twenty years of successfully building batteries for every kind of use are behind every Universal. 521 costly experiments throughout these years, have developed these truly wonderful all-duty powerful batteries. Universal sealed glass jars are oversize, use low gravity acid, making plates last longer. Extra-size sediment space—no cleaning necessary. Universal Batteries come to you fully charged and sealed—ready to connect right up to your plant—no assembling.

We also make Radio and Automobile Batteries and Repair Parts For Any Make Battery.

### Battery Guide Sent FREE

No matter what kind of Plant you have, this interesting book will show you just how to renew the system with Universal Batteries. The right size for every Farm Power and Light System made. It also lists Parts for all makes of batteries. "Care of Batteries" is another valuable treatise; will also be sent free with the new Universal Battery Guide. When you write, mention brand-name and age of your present batteries so that we can give you the correct allowance figure. Write today.

UNIVERSAL BATTERY CO., 3419 So. La Salle St., Chicago, Ill.



Divide the price by the years it lasts That's the way to determine harness cost. With care the Boyt Harness will last 12 to 20 years. It costs \$78. Cheap, isn't it?

Walter Boyt Co.  
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Des Moines, Iowa

This free book tells the story of Boyt quality. Send for it today.

BRONZE BUCKLES  
The Boyt harness has rustless bronze hardware at more than eighty points

### Windmill Prices Reduced

Write today for Free Catalog and reduced prices on CURRIE Windmills, Feed Grinders, etc. Big Bargains in all styles and sizes we manufacture. SWEEP FEED CURRIE JR. 7th & Holliday, \$22. Topeka, Kansas.

**ALFALFA BARGAIN**  
8 grades and varieties. Prices that will open your eyes. Farm seed catalog free. Tells 18 ways to make money in 1923, explains freight saving plan.  
Galloway Bros. Co. Sept. 47 Waterloo, Iowa

## What is good health worth to you?

**H**EALTH is priceless. You wouldn't knowingly part with it for anything in the world.

Why then do you risk it needlessly for the sake of a few cups of coffee? Coffee contains caffeine, a harmful drug which often interferes with nerves and digestion.

There's an easy, pleasant way to avoid this menace to health, without any sacrifice of comfort or satisfaction. Drink Postum instead of coffee.

Postum is a pure, cereal beverage—wholesome and delicious—a safeguard for health.

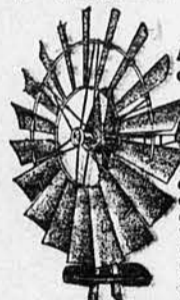
Your grocer sells Postum in two forms: Instant Postum (in tins) prepared instantly in the cup by the addition of boiling water. Postum Cereal (in packages) for those who prefer to make the drink while the meal is being prepared; made by boiling fully 20 minutes.



*"There's a Reason"*  
for Postum

Made by  
Postum Cereal Co., Inc.  
Battle Creek,  
Mich.

## 4 TIMES Around the World with ONE OILING 100,000 Miles Without Stopping for Oil



An inventor who could develop an automobile, a railroad car or any other conveyance on wheels which would perform such a feat would be considered a wonder. But such is the record of regular accomplishment by the Auto-oiled Aermotor during the past eight years in pumping water.

Did you ever stop to think how many revolutions the wheel of a windmill makes? If the wheel of an Aermotor should roll along the surface of the ground at the same speed that it makes when pumping water it would encircle the world in 90 days, or would go four times around in a year. It would travel on an average 27 miles per day or about 30 miles per hour for 9 hours each day. An automobile which keeps up that pace day after day needs a thorough oiling at least once a week. Isn't it marvelous, then, that a windmill has been made which will go 50 times as long as the best automobile with one oiling?

The Auto-oiled Aermotor after 8 full years of service in every part of the world has proven its ability to run and give the most reliable service with one oiling a year. The double gears, and all moving parts, are entirely enclosed and flooded with oil all the time. It gives more service with less attention than any other piece of machinery on the farm. To get everlasting windmill satisfaction buy the Auto-oiled Aermotor, the most efficient windmill that has ever been made.

For full information, write

**AERMOTOR CO.** Chicago Dallas Des Moines  
Kansas City Minneapolis Oakland



**SAMPLE  
FREE**

## YOUR COWS— Have they udders like these?

THE condition of the udder and teats has everything to do with the milk yield. Avoid hard milking and restricted flow by keeping the tissues soft and milky-free from hurts and sores. Bag Balm guards udder health in thousands of dairies because its effect is so prompt and thorough. Its great penetrating and healing powers quickly clear up cuts, scratches, chaps, inflammation, bruises anywhere on the body. For relieving chaps Bag Balm has no equal. Effective in treating Bunions and Cow Pox. Never get out of Bag Balm. It has so many uses in keeping little hurts from getting big. Druggists, general stores and feed dealers sell it. 60c for big 10-ounce package.

If you have never tried Bag Balm, clip coupon below and mail to us for liberal free sample. Give name of your dealer.

Dairy Association Co., Inc., Dept. W, Lyndonville, Vt.

Dairy Association Co., Inc., Lyndonville, Vt.

Please send me your sample package of Bag Balm, which I will try at the first opportunity.

Name ..... Address .....  
Dealer .....

## Jayhawker's Farm Notes

By Harley Hatch

### Mild Winter Weather Will Continue if There is Anything in the Groundhog Sign

**A** WEEK of cloudy, misty weather preceded February 2, the day of the celebrated groundhog, which we used to call the woodchuck back in Vermont. Whenever this day rolls round there is much interest in whether or not this rodent can see his shadow should he come out of his hole. Those who take stock in this old notion will be pleased with the dark, cloudy morning which fell on February 2 this year. We suppose they will be convinced that no more winter is to come. On the other hand there are those who believe in the old saying that "a January fog will freeze a February dog." How these two schools of weather prophets will reconcile the conflicting signs this year is hard to tell. It is enough to say that no Eastern Kansas groundhog could have seen a shadow on the morning of February 2 this year and that we had many more than the usual number of fogs in January. In the meantime the wheat is doing well and showing growth during each warm spell.

#### Mild Weather Saved Feed Bills

Another old saying has it that we should "on February the second day have half the feed and half the hay." The old timers used to think if they could fill that bill they would not lack for feed no matter how late the coming spring might be. In this part of Kansas, thanks to the open winter, we have yet on hand fully half the roughness we started with last fall and, on this farm at least, there remains much more than half the hay. Cattle have done well this winter and we have fed them virtually no grain. Last week we separated the cows and heifers which are to bring calves early and put them in a yard by themselves where they are given all the fodder and hay they can eat and in addition a good feed of grain each day. The calves have already begun to arrive and the mothers must be well fed until grass comes.

#### Corn at 75 Cents a Bushel

The first car of corn to be shipped to Burlington this season arrived this week and was sold off the car for 75 cents a bushel. Up to this time grain dealers in that town had been paying 75 cents for corn but if it can be shipped in here and sold for that price the buyers are likely to hedge; in fact, we have been told that the price had already dropped to 72 cents. The best wheat is scarcely \$1 at any local market and the local price of eggs has dropped to 23 cents. These poor farm markets arrive in the face of strong markets and rising prices on all manufactured products. This condition arises from the fact that the American farmer is producing more than the home market demands and this results in demoralized Europe setting the price for our surplus; the price for the surplus, of course, sets the price for all that sold at home. This happens despite the high protective tariff which just now is no protection at all to the farmer.

#### Last Wheat Marketed

The last of our 1922 wheat crop has been delivered to market. At threshing time the machine weighed out 2,108 bushels. Of this we sowed 90 bushels which should have left 2,018 for market. But the total of the scale tickets shows 2,028 bushels, a gain of just 10 bushels over machine measure after the shrink in weight and the waste in handling. The shrink in stored wheat is usually small especially in comparison with corn, which often shrinks 15 to 18 per cent. This shrink in corn is largely in loss of moisture from the cob, however. Wheat seldom shrinks more than 2 to 3 per cent and if bone dry at threshing time there is no shrink at all. This year wheat was rather damp at threshing time and considerable went in the bin in that condition. Such wheat undoubtedly had a shrink of 3 per cent. Wheat sold right from the field from this machine overrun about 3 bushels to the 100; our

wheat after being stored 5 to 6 months overrun only 10 bushels on more than 2,000, which indicates about what the actual shrink was. The 2,028 bushels were hauled to market in 36 truck loads.

#### Little Damage from Weevil Pest

We had our wheat in four bins, two of wood and two of metal. We saw no signs of weevil in either metal bin; one of the wooden bins contained a good many while in the other a few weevils were found. The wheat from the metal bins was drier and of better color than that from the wooden bins. The wheat in the wooden bins had been treated with bisulfide of carbon as it early showed signs of weevil. That checked the weevil attack so that little or no damage was done. Experts in grain storage say that the freedom of wheat stored in metal bins is due to the readiness with which any weevils that may be present are killed after the bin is empty. In summer an empty metal bin gets so hot that no insect life can remain. These experts also say that the deeper grain is stored in a bin, the less likelihood there is of weevil damage. Here again conditions are favorable for metal bins, as they are deeper than the average wooden bin in comparison to their net contents. Probably those two factors are what has given us our favorable results in storing both corn and wheat in metal bins.

#### Kansas City Addresses by Radio

Recently we had the pleasure of listening to the speaking at the banquet of the Commercial Club in Kansas City. Because of the radio we were not obliged to leave our comfortable evening fire to do this. Two of the notable speakers, to whom we listened with great interest, were Julius Barnes, president of the National Chamber of Commerce and W. E. Storey, president of the Santa Fe railroad. Mr. Barnes takes a very optimistic view of conditions as they are likely to affect business during the next two years. He admitted that the farmer was not now sharing in these favorable conditions but it was his opinion that matters would even themselves up and that in the natural course of events farming would become as profitable as any other business. He said that the farmer was as much entitled as any other business man to a fair return on the capital he had invested plus a further return for industry and managing ability. Mr. Storey admitted that at present the farmer was not being fairly treated and that how to help him was one of the great problems to be solved. Mr. Storey also indicated that high rail rates were due to high wages and said that reduction of rates meant certain wage reductions.

#### College Sells Purebred Bulls

Fourteen purebred dairy bulls in the Kansas State Agricultural College bull sale held at the college February 6 brought \$862, going into 13 dairy herds in Kansas. Riley county dairymen led in number of purchases, obtaining four Jerseys and one Holstein. The Osawatimie State Hospital in Miami county bought the highest priced bull, which will stand at the head of the state hospital's Holstein herd. This bull sold for \$167.

The highest priced Ayrshire was B. M.'s Baron, purchased by C. D. McCauley, an alumnus of Kansas State Agricultural College, living at Fowler, for \$125. A yearling Jersey bull went to Gilbert Chase of Abilene for \$110.

Ayrshire bulls sold highest, averaging \$83.33, with Holsteins a close second at \$81.75 a head. Only five of the 14 bulls were more than 6 months old. Colonel L. R. Brady cried the sale. During the last 10 years the college has sold 125 bulls which have gone into as many different communities, probably giving these communities their start with purebred animals.

Help your county win by joining the Capper Pig or Poultry Club.

# Farm Organization Notes

BY RURAL CORRESPONDENTS

## Union Pacific Railroad Company Announces the Itinerary for Its Potato Special

**D**ESPITE the low prices paid for potatoes last fall, farmers believe that this year, on account of a prospective reduction in acreage prices will be high enough to insure fair profits. Much interest is being shown in the announcement that the Union Pacific Railway Company will run its annual potato train again this year. The potato special will leave Edwardsville February 19 and will arrive at Wamego February 24. Stops will be made at Bonner Springs, Linwood, Lawrence, Perry, Grantville, Topeka, Silver Lake, Rossville, St. Marys and Wamego.

Members of the faculty of the Kansas State Agricultural College who will be on the train are: Prof. E. A. Stokdyk, L. E. Melchers, R. I. Throckmorton, E. B. Wills, Albert Dickens and E. G. Kelly.

### Farmers' Union Market Association

With more than 600,000 bushels of wheat of the 1923 crop under contract the Kansas Farmers' Union has perfected 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.

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.

### Broomecorn Growers Organize

Oklahoma broomecorn growers may now be added to the list of Oklahoma farmers who have organized for the co-operative, orderly marketing of their crop.

The Oklahoma Broomecorn Growers' Association, organized on the "Oklahoma Plan," developed by the Oklahoma Cotton Growers' Association and adopted by the producers of practically all major crops throughout the country, have completed their initial sign-up campaign with more than 50 per cent of the broomecorn acreage of Oklahoma signed up. W. E. Shipp of Marlow, Okla., is president of the association.

### Sheepmen Pool Again

Franklin county sheepmen in a meeting at Ottawa recently indorsed the plan to pool their wool clip another season, following a policy which they have pursued for three years. The sheepmen re-elected their officers as follows: J. F. Stadt, president; H. E. Gillette, vice president; F. J. Robbins, secretary-treasurer.

### A Farmers' Chamber of Commerce

The River View Community Club was recently formed among the farmers in the vicinity of the old Wiles school northeast of Ellis, Kan. The

new organization covers an area of about four townships and has as its object among the farmers the same object as has the community clubs and chambers of commerce in the cities.

Ellis county has not had a big wheat crop for a number of years but last year \$31,874.06 was paid to farmers thru three cream stations. This sum does not include the amount paid by smaller buyers and the receipts of single shippers.

### Colorado Wheat Men Organize

A state-wide drive to increase the membership of the Colorado Wheat Growers' Association is being organized by Bruce Lampson, general manager.

The association is fortunate to have the active assistance and support of William B. Sweet, the new governor of that state. Since election the governor has been actively engaged in eliminating all obstacles to the successful development of co-operative marketing of farm products. Under his direction a bill is being drawn up placing co-operative organizations on a proper legal basis in Colorado. He also is working on state-owned storage facilities for farm crops.

### Gilkison to Rice County

Following the resignation of W. B. Adair, county agent of Rice county, a contract with A. M. Gilkison has been obtained. Mr. Gilkison has been county agent in Cheyenne county for several years, and goes to Rice county highly recommended. Rice county has been organized for farm bureau work since March 1, 1921, and much interest along the line of the farm bureau organization has been created in the county.

Mr. Adair has been in the county since its organization, and now leaves for Polk county, Nebraska, where he has a similar position. Mr. Gilkison will start his work in Rice county on or about March 1, 1923.

### To Improve Poultry Flocks

The Hanna Poultry and Egg Company of Goff is holding quality cockerels which it buys in the ordinary run of business, for sale at cost, or for exchange for birds of the same quality. This is a mighty good idea; produce houses in Kansas have done some work along this line, but they can do a great deal more. This vision of real public service shown by this produce house will doubtless result in a real growth in the raising of quality in Nemaha county, and in the long run will mean more quality business for the produce houses.

### Huge Sum for Cotton Growers

Advances totaling more than \$1,200,000 were made to members of the Texas Cotton Growers' Association in a recent payment.

This is the fourth payment of the season for the organization, the entire amount in the hands of the members being 5½ million dollars.



## Canada Offers Farmers their chance to get ahead

**I**F your hard work and investments are not giving you the return they should—if high land prices and high rentals are blocking your road to Success—if you are beginning to see how hard it is to compete with low-priced lands that are equally fertile, you owe it to yourself and your family to get the facts about farm opportunities in Canada. Lower-priced land—lower overhead—lower taxes and operating costs—may be the solution of your problem.

## Low-Priced Land—the Secret

Virgin prairie land at \$15 to \$30 an acre, with long terms, if you want them, close to railways and market towns, schools, churches, telephones, highways—these vast virgin prairies offer you the last great farm opportunity. The fortunes of the United States were built on low-priced land. Those lands are now dear—perhaps beyond your reach—but Canada's lands are still low-priced. You may have missed the first chance—don't miss the last.

### Your Own Farm—Prosperity, Happiness

The opportunity that fits your particular financial and family needs awaits you in Canada, and the Canadian Government Agent will help you find it. Land of great and continuous fertility, (Western Canada's wheat crop in 1922 was the biggest in history), land suitable for stock-raising, dairying, mixed farming, fodder crops, market gardening, to suit your experience and your pocketbook. Land that will pay for itself in a few years' crops; hundreds of Canadian farms have produced crops in one year worth more than the price of the land.

### Rent If You Prefer—Pay Out of Profits

The Canadian Government has devised a means by which you can "try out" a farm for a year or two before investing, and at the same time increase your capital for the day when you are ready to buy a farm of your own. Many Canadian land owners are willing to rent a portion of their holdings; others

are already retiring and will rent on easy terms, in some cases giving an option of purchase. If you have a farm outfit, or the means of buying it, even if your other capital is small, this is your chance to try out the country for yourself. Seeing is believing. See for yourself. A year or two on a rented farm may be the road to success. If you have present holdings which you cannot sell to advantage, hold them another year or two, conditions may improve, but start in Canada at once. Lands are being taken up; nothing is gained by delay.

### Taxes Favor the Producing Farmer

Western Canada's tax system encourages farm production and the improvement of property. Taxes on an improved farm are less than on an unimproved one, and there are no taxes at all on the farmer's buildings, machinery, live stock, automobile, crops, or personal effects. Tax laws are designed to aid the farmer in building up a home of his own.

### Get the Facts—Costs You Nothing

The Canadian Government maintains Information Bureaus where you can get the facts—dependable Government information—without cost. The officials are not land agents—they have nothing personally to sell—they are salaried officials of the Government of Canada, maintained to be of service to you, without any charge. Let us know something of your position, and receive free book with maps, and the free service of the Canadian Government Agent in your territory; also information how special railway rates can be arranged for a trip of inspection.

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**FREE HOMESTEADS** are still available in some localities. Canada welcomes Tourists—come and see our country for yourself—No Passports Required.



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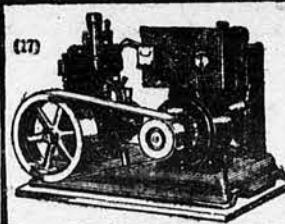
Agent, Department of Immigration: Please send me your free literature on Canada. I am particularly interested in:

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For clocks that help you get out for the evening are needed to get you out in the morning, and Westclox alarms do both.

While you work in the field a Westclox watch will give you reliable time at low cost.

Alarms from \$4.75 to \$1.50. Watches \$1.50 and \$2.50. Each with the trade mark Westclox on the dial and six-sided, orange-bordered tag.

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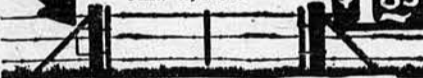
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a transparent water-proof fabric as efficient as glass for hotbeds, poultry houses, etc. Sample 3x3 ft. P.P. \$1. Cat. Free. **TURNER BROS., Desk 20 Bladen, Neb.**

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## Farm News From Colorado

BY E. J. LEONARD

### Government Statistics Recently Published Show More Livestock Now on Colorado Farms

**A**CCORDING to statistics gathered by the federal-state crop reporting service, the farmers of Colorado have 5,039,000 head of livestock on farms and ranges as compared with 4,566,000 head on January 1, 1922. This makes an increase in numbers of a little more than 10 per cent. The total valuation, however, in the aggregate is only a little more than 5 per cent. In 1920, the valuation for fewer animals was about 75 per cent more than the same stock would bring today.

#### 5,070 More Sheep on Feed

The sheep in feed lots number about 1 1/2 million compared to 1,040,000 a year ago—almost 50 per cent increase. The sheep in breeding herds now are not quite 1 million, which is just a little under the number last year. There are 523,000 head of swine which is a gain of 68,000, or 15 per cent. The dairy cows now number more than 250,000, a gain of 10,000. Other stock cattle have about held their own in numbers—cattle on feed are about the same as last year.

#### Make the Cow Happy

This is the time of year when many cows decrease their flow of milk. This is particularly true when their best shelter from a north wind is on either side of a barbed wire fence. If a cow has to rustle for her feed she doesn't feel very generous about giving down milk. If you wish to make the cow smile all over, just fill the manger with alfalfa hay and the bunk with corn silage.

#### A Busy Farm Bureau Secretary

The executive committee of the Colorado State Farm Bureau met in Denver during the stock show week. This organization has a very ambitious program for this year. W. S. Hill, who was formerly county leader of boys' and girls' clubs in Larimer county, will now devote his entire time to the work as executive secretary. Part of his work will be to publish the Colorado Farm Bureau News, issued semi-monthly. With the energy and enthusiasm of Mr. Hill devoting his entire time to the state work, some excellent results are expected.

#### Urge Higher Prices for Beans

The Weld County Seed Bean Growers' Association was organized recently at a school house near Greeley. Many farmers have been growing seed beans in that locality at a contract price with seed firms who have offered a scale of prices a little higher than last year. W. A. Carlson, president of the new organization, declares the price isn't high enough to pay the farmer for the risk involved. This sort of crop is easily damaged by hail, blight, rust and drouth and other freaks of the season.

#### Eat More Potatoes—Everybody

The potato growers around Greeley had a bumper crop, most of which went into storage on the farms. Rather than sell potatoes graded No. 1 at 25 cents a hundredweight, some stockmen are reported to be feeding them to the cattle with good results. Recent press dispatches indicate that the Union Pacific Railroad Company

has asked permission to inaugurate an emergency freight rate for shipment of potatoes in carlots from Northern Colorado and Idaho to points in the Missouri Valley. This, if granted, will be between 5 and 10 cents a hundred-weight less than the present rate. As prices of potatoes are being cut in all these states, the prices in Colorado may have to be cut even lower.

#### Big Farmers' Union Convention

The Colorado Farmers' Union held its largest and most enthusiastic convention in Denver during the latter part of January. One hundred ninety-five accredited delegates were in attendance, but visiting members increased the number to about 500. President Barrett of the National Farmers' Union, and Governor Sweet were among the prominent speakers. The officers elected are as follows: President, J. M. Collins of Eaton; vice-president, W. J. Ott of Fort Morgan; secretary-treasurer, Louis Roether of Denver; statistician, Mrs. McKinley of Loveland; conductor, J. H. Frey of Stoneham; doorkeeper, Earl Kimber of Wray.

Mr. Collins and Mr. Roether have served very efficiently in their present offices for several years and their reelection is a just recognition of their merit. Mr. Collins is also a member of the executive committee in the National Farmers' Union.

#### To Report Cost of Growing Beets

A tariff commission is coming West soon to see whether the sugar beet growers are obtaining their just proportion of the tariff on sugar. The Farmers' Union at Fort Morgan has a committee of five farmers appointed to submit figures on the cost of producing beets in that locality. The commercial club here is taking an active interest in obtaining for the farmers a higher price.

#### County Board Fixes Wages

The county commissioners of Morgan county recently adopted the following schedule for road work by the day: Single man, \$3; man and team, \$5; man and two teams, \$7; truck drivers, \$4; tractor operators, \$5; graders, \$3 to \$4.

This labor schedule practically fixes the prices farmers will have to pay for day help or do without. It will undoubtedly make farm help scarce as very few farmers can pay such wages.

#### "A 100 Per Center"

According to Harry L. Youngerman, manager of the National Western Stock Show, "It's a 100 per center!" Thus he characterized the 17th annual exposition which recently closed in Denver. He claims that nearly 100,000 people were in attendance and that every feature of the show was the best ever. It was not all exhibits and entertainment features by any means. The private and public sales of livestock during the week represent business transactions reaching around 10 million dollars.

Scrub cattle can be supported profitably only when there is cheap food, cheap land, cheap labor and good markets. And we defy anybody to find that combination.



A Tractor Unit at Work During the Summer Tillage Offensive in Northern Colorado. These Machines Make Farming on a Large Scale Possible

## The Lone Hand

(Continued from Page 9)

into disorderly masses, his heavy under jaw thrust forward with menace.

"And now one thing more," he went on. "I'm going to get to the bottom of this. I'm going to find out if it's all lack of judgment, or whether it's something deeper. I'd like to believe that's all it is; but, by God, when I see a nice business like this wrecked—yes, that's what I said, wrecked—I want to tell you, my suspicions are aroused. I trusted you fellows, and you have done me dirt. I'm not accusing any one singly—but you can bet your life I'm going to get to the bottom of this mess and see who's responsible for it. I'm going to see first how bad the mess is; I'm afraid I've only scratched the surface. Now clear out of here. I want to think."

The "boys" all filed out sheepishly. So the old man couldn't be relegated so easily to a seat by the chimney-corner. You couldn't kid Hiram into letting well enough alone. He was up on his ear was Hiram. He was a bad man when he got going—yes, sir!

Some of the help whose period of service antedated the old man's illness remembered how he used to rave when things went wrong. Once he had taken a husky pressman by the back of the neck and kicked him down a flight of stairs, because the h. p. had given him some back talk. Yes, the old man was a bad actor—unreasonable, too. He wouldn't listen when you tried to explain. He was deaf, dumb, and blind to the best alibi in the world.

### Desire Has A Few Ideas

Philip Bosworth called Desire Brown into the office one afternoon soon after this turbulent conference.

"I'm not feeling right," said Philip. "I want to go to a show and get cheered up; and I want nice company."

"Is that an invitation?" asked Desire. "It is; and it includes dinner at any place you choose. Is it a go?"

Desire shook her head. "I'd better not. It's very nice of you, but—"

"For goodness' sake, Desire, all you've handed me lately has been 'but.' You have developed an amazing talent for objections."

"Don't blame me, Phil; I don't want to get you in any worse trouble than you are in now."

Philip looked up, surprised. Desire was smiling.

"Yes," he said. "It is pretty fierce. The boss is down on the whole crew of us, including me."

"And me."

"You?"

"Yes, me. He doesn't approve of me in the least. I guess it was because that first day he came into the office I didn't recognize him and show him a proper respect. I was to blame, too; men of his age are sensitive. I should have recognized him if I'd been more alert."

"Nonsense, Desire. He came plowing in here without warning, throwing a scare into everybody—and he's acted like a bull in a china-shop ever since. Why didn't he stick to golf and let us alone?"

"I guess it was about time he took a hand," ventured the girl.

"Well, look who's here!" cried Philip. "That sounds funny, coming from you. I hear the old man's been positively insulting to you."

"Hush! No such thing. Philip, the trouble with you is, you're too credulous. You let people kid you to death!"

"Kid" isn't a pretty word for a refined young lady to use."

"It expresses exactly what I mean. Wake up, Phil; 'father was right'!"

"Now, just for that, you've got to have dinner with me to-night. I want to know what you mean. It's darned unfair to hand me all this mysterious stuff about how credulous I am, and tell me I'm asleep at the switch—what are you trying to do, make me feel like a child? Do you think I'm getting something handed to me, and don't know it?"

Desire nodded.

"Prove it," challenged Philip.

"I can't; I'm only telling you what I think. I want you to keep your eyes and ears open. Don't be so easily influenced, Phil. Have some opinions of your own—and if you can't see clearly,

borrow your father's glasses for a while. He doesn't miss much. No one around here is fooling that gentleman, believe me!"

Philip Bosworth was a rather self-satisfied young man. Starting out in life with the advantage of being Hiram's son, he had found that the relationship had also its disadvantages. He was Hiram's boy, and if he gained any respect of his associates, he was never sure it was unadulterated. Bitter after Hiram got sick and left in search of health, and after Phil had been given charge of production by Curdy, he had felt that he was standing on his own pins. He was not borrowing glory or credit from Hiram Bosworth or any one else.

### A Self-Satisfied Young Man

To be accused, along with Curdy and Nagel, of disastrous incompetency by his father, had been humiliating enough. He was clinging to the belief that Hiram was old-fashioned, out of date, swayed by irritation at finding his pet policies overthrown by a younger generation. The stubbornness of youth and a determination to prove the old man wrong had been stimulated by Hiram's caustic criticisms. Philip was all for Curdy and the Curdian idea. He could see nothing wrong in the methods pursued, because he believed the Bosworth business a sound and money-making enterprise—more

so than it had ever been under his father's management.

And now came Desire Brown to humiliate him still further. Philip had counted on her approval. Hiram disliked Desire. To Hiram she stood for the ideas of that management which had given her the high-sounding title of "secretary," and made her, in the old man's opinion, bigger than her job. Philip did not understand why Desire failed to resent the old man's offensive attitude toward her.

"You assume too much," he said stiffly. "I should think a decent loyalty to Mr. Curdy and the management should count for something with you. If the old man had his way, you'd be dismissed. You don't seem to see which side your bread is buttered on."

"I see the difference between right and wrong, that's all. I haven't any personal feelings in the matter. Your father, even with his queer prejudices, is bigger than all the rest of us put together."

"Well, how the dickens do you know? You're only a girl; you're not supposed to understand business. It strikes me you go rather out of your way when you presume to judge in a situation you're not competent to grasp."

"Mercy me! Do you expect me to sit around like a dummy and hammer a key board without knowing what's going on about me?"

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Scrubbing Inside of Hoghouse

## Give the PIGS a Chance!

**SANITARY** surroundings for the farrowing of the Spring pigs will increase your profits. Scrape, clean and scrub the farrowing pens with a boiling LEWIS' LYE solution. It will cut down the deaths from "thumps" among your pigs.

### "Thumps"

It is the common understanding among swine raisers that "thumps" is caused by over-feeding and lack of exercise. This is not true as proven by Government investigation. (See page 175, Government Year Book, 1920), also the McLean County (Ill.) Hog Sanitation System bulletin. This was indorsed at the International Stock Show.

### "Thumps" Kill Many Pigs

About 50% of all your pigs that die are killed by "thumps". This is caused by small worms working their way from the intestines into the lungs and producing pneumonia, usually causing death. If the pig survives, a runty pig is the result.

Buy twelve cans of LEWIS' LYE at a time to maintain the hoghouse, farrowing pens, and feed troughs in a sanitary condition.

Detailed directions for swine raisers on the use of LEWIS' LYE are explained in our booklet "The Truth About a Lye." Instructions for the care and cleaning of autos, trucks and tractors are given in our folder "How to Clean Motor Equipment with Lewis' Lye." These valuable books will be mailed free upon request.

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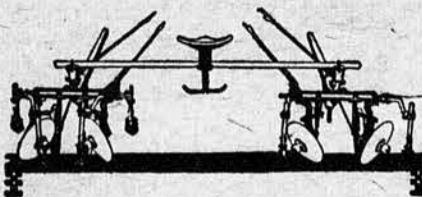


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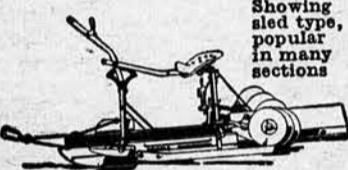


## Money-Makers in Listed Corn

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You can get a John Deere two-row or single-row wheel type, or single-row sled type. They are all the result of many years of experience in meeting the requirements of farmers in listed-corn territory.

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Small or Large Lots by Express, Freight or Parcel Post. Pear, Plum, Cherry, Berries, Grapes, Nuts, Shade and Ornamental Trees, Vines and Shrubs. Catalog FREE. TENN. NURSERY CO., Box 35, CLEVELAND, TENN.

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Desire's eyes were flashing now. Her color was a trifle heightened. The effective disorder of the unruly curls about her face was not lessened by her indignation.

Philip Bosworth looked at her, and was more than ever aware of her beauty; and back of her beauty was something finer—a resolute stanchness of character which, no matter into what mistakes it seemed to be leading her, was nevertheless an admirable trait.

"Desire, you're a wonder," said the young man. "When you're mad, you're prettier than ever. I'm sorry. I give you credit for your sincerity, to say the least."

"Any fool can be honest," snapped Desire, and went out, closing the door behind her with unnecessary violence. Philip sighed. He certainly did love Desire—but the man who married her would have to toe the mark.

He fell to wondering why she took that attitude toward the business. Well, girls were funny. Phil knew Desire had no use for Curdy. He thought it an unreasoning dislike; but let it be ever so illogical, it explained in a way the girl's obstinate defense of his father. Of course, Curdy was thoro all right; but Desire would be glad to find an excuse to take sides against the man, just because of that senseless feminine prejudice.

Yes, girls were funny; and life was rather a mess. You did the best you could and builded according to your lights; and then an old has-been came along and tried to show you what a poor, cheap, and inept workman you were. Philip would never believe that of himself, never. Hiram was a wrong-headed old meddler, even if he was Phil's father.

### Around the Home Fireside

"You look worried," said Mrs. Bosworth at dinner. "Don't you think so, Mary?"

"He never ought to have gone back to that old business. Dad, why didn't you let Phil and the rest of them run it? They were doing well, weren't they?"

Hiram grunted a non-committal reply. He ate his dinner in glum silence, and his wife and daughter had learned long since to respect such moods.

"Where's Phil?" he asked. "He telephoned he wouldn't be home to dinner; he's dining with some sort of club—a business affair, he said."

"I know; it's the Typothetae. Lot of printers get together and yammer about their troubles. I'm a member, but I never bother to go to the meetings. Too much talk. Still, they've done some good. I'm glad Phil takes an interest. It's a wonder he doesn't get mixed up with some girl. I hope he won't think of getting married for a while; he hasn't steadied enough."

Mary and her mother exchanged significant glances.

"I shouldn't call Phil actually indifferent to the charms of the ladies," observed Mary. "I only wish he liked girls of the right sort."

"The devil!" cried Hiram. "What'd you mean?"

"Girls in his own class, of course." "Well, now, Miss Mary, just what would you call 'his own class'? You mean girls with money? Brains? Social position? It all depends. If you mean you wish he'd shine up to some Fifth Avenue butterfly, I don't agree with you."

It was quite plain that Hiram was in an execrable humor; but as it happened, his daughter had been nagged all day by petty misfortunes—such as dismissing the car while shopping and then getting caught in a shower, and failing to receive an invitation to an

affair that she would have given all her old boots to attend. So she welcomed with a fierce joy the prospect of a rumpus with Hiram. "Well," she said, "would you consider stenographers in Phil's class?"

"I don't know but I would. Darn it, I've seen stenographers I thought would make mighty fine wives. Yes, if you want to know, I most decidedly think stenographers are in Phil's class, provided he's good enough to be considered in theirs."

The old man settled back in his chair and eyed his daughter with a grin of triumph. He guessed he had settled the argument, leaving nothing further to be said. Mary's aristocratic—not to say snobbish—ideas had always annoyed him, ever since she'd got back from a finishing school.

### What Mary Told Father

But Mary wasn't so easily disposed of; the battle was just getting to be worth fighting.

"Well, then," she rejoined, "let's take the case of Miss Brown."

"Who the devil is Miss Brown? Good Anglo-Saxon name, I should say."

"You ought to know. She works in your office."

"Lord, how would I know? There might be six Miss Browns in my office for all—"

Hiram checked himself suddenly. By George, there was a Miss Brown! That little fluffy-haired upstart Curdy called his secretary—part of the new regime.

"What's her first name?" he asked suddenly.

"I believe it's something old-fashioned and quaint, like Prudence, or Faith, or—"

"It wouldn't be Desire, now, would it?"

"That's the one. She's rather attractive; but I suspect she's a schemer."

"Now, Mary," put in Mrs. Bosworth, "that's not at all nice of you. From what I've seen of her, she's as pretty and refined and ladylike as can be. I don't blame Phil a bit."

Mrs. Bosworth was not above recalling the days when she had sat on a high stool and stuck type in a job-printing office, somewhere in Massachusetts. She couldn't see a whole lot of social distinction between doing that and pounding the keys. The ultimate result was much the same.

Mary sniffed. It seemed she had stirred up a double opposition. She prepared for a new onslaught, and, turning to her father, opened her lips to speak. But his gaze was fixed immovably on her mother.

"Now, ma," he said truculently, "what the dickens do you know about it? Do you want Phil to go mixing up with that kind of girls?"

Mary was breathless. She had expected a spirited reply from Hiram; and now, inexplicably, he had hopped over to her side of the fence. It was incredible; but she welcomed this unexpected turn of events and pointed her weapons at the new foe.

"There, mother, you see father's agreeing with me, after all."

(TO BE CONTINUED.)

### Made His Acquaintance

A traveler going to New Zealand was asked by a friend if he would inquire while there as to the whereabouts of his (the friend's) grandfather, Frederick Thompson.

One day he was introduced to a fine old Maori of advanced age.

"Did you ever meet an Englishman named Frederick Thompson?" he asked.

A smile passed over the Maori's face. "Meet him?" he replied, "Why I ate him."

## Senator Arthur Capper's New Book

YOU have all heard a great deal about the "Farm Bloc," but how many of you really know what it is? Why it was organized? What it has accomplished and what its ultimate aims are?

A recent book by Arthur Capper, United States Senator from Kansas, entitled "The Agricultural Bloc," gives a complete history of this great cause so vital to the interests of the American farmer.

The Kansas Farmer and Mail and Breeze has been fortunate in obtaining a limited number of these books and will be pleased to send one to any of its subscribers along with a year's subscription to the Kansas Farmer and Mail and Breeze on remittance of \$1.50. Address, Kansas Farmer and Mail and Breeze, Dept. 10, Topeka, Kan.—Advertisement.

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## We Must Have Lower Freights

(Continued from Page 5)

"Mr. President, let us examine briefly these maintenance charges. The facts I present are taken from the records of the Interstate Commerce Commission and from the records of the Public Utilities Commission of the state of Kansas. Mr. Storey, nor any railway advocate or apologist can impugn the record obtained by these public fact-finding agencies.

### Using Up Excessive Earnings

"During the first nine months of 1922, the Santa Fe spent 53.48 per cent of its entire total operating expense on maintenance. In the like period of the years 1914, 1915, 1916 and 1917, it spent 47.35 per cent on maintenance. The Santa Fe is and was at all times during the period under review one of the best managed and efficiently operated systems in the country. The conclusion is logical that this increase in maintenance is a cover for excessive earnings. The Santa Fe frankly says it has no intention of paying the Government a cent of these excess profits. It says that part of the Cummins-Esch act which requires such payment is unconstitutional. The provision of the act which enables the roads to mulct the farmer and the shipper of excessive toll that make these excess profits possible, is, of course, entirely constitutional—good law and above all else good business—for the railroads.

### Roads are "Silver Plating"

"These maintenance figures showing the increase in such charges by Mr. Storey's road, lead to the conclusion that the Santa Fe is determined to play safe and defeat a possible court decision upholding the provision of the Cummins-Esch act that requires payment to the Government of half the excess above the fair return standard. It plays safe by charging these excesses to maintenance.

"Some of the roads, Mr. President, are spending so much for improvements that the charge is made they are 'silver plating' their properties. For instance, the Union Pacific spent 45 millions last year and will spend 20 millions this year for equipment and improvements alone. This year 27 roads are to spend more than 350 million dollars on these two items. The New York Central will expend 83 million dollars.

"Mr. President, I am not criticising such expenditure. The point is simply this: That whether these large earnings are put back into the system or invested in securities or deposited in cash, they are earnings none the less and they are excessive earnings. If the surplus is invested in 'enlargements and additional lines and equipment' the surplus then participates in producing still more earnings.

### Not Aiding the Weak Roads

"Not a dollar of excess earnings above the 6 per cent fair-return standard, netted by probably 60 big railway systems under the rate-clause of the Cummins-Esch law, has been paid to the Government. This law expressly provides that half of the excess above 6 per cent must be paid into the federal treasury for the benefit of the weaker roads.

"The Interstate Commerce Commission reported only on roads which it has tentatively valued under the Valuation act. The really big roads of the country, Mr. President, are not included in its report. The amount due the Government will be increased many times when we get the reports of the big roads like the Santa Fe, the Burlington, the Union Pacific and the Lackawanna.

"This is a frank confession that the farmers of the great productive regions of the United States, taking into consideration the prices received by them, are heavily overcharged for transportation.

### A Blight on the Country

"It is an admission that the entire agricultural, prosperity-making area of this country is under the blight of excessive, and, in many cases, prohibitive freight rates. These regions are compelled to pay this excessive toll to overpaid, highly-prosperous railway systems, so that the much less important, poorly-conducted, or inefficiently-managed roads may be sustained in their inefficiency.

"Some few of the smaller roads have paid a paltry \$42,000 into the Treasury under this clause of the act. These

payments came from some of the smaller roads—roads which apparently aren't equipped with legal departments to tell them this part of the law is unconstitutional. In the main this provision of the law is openly violated and nothing is done about it.

### The Vice of 'Section 15-A'

"Mr. President, the vice of Section 15-A lies in the fact that it attempts to provide a fixed return to be earned upon the aggregate value of all railroad properties, good, bad and indifferent. Virtually this valuation is based upon the present cost of reproducing the lines. The result is that no matter how worthless a road may be it is considered entitled to earn 5½ per cent on what it would now cost to rebuild it. Many of these roads were built for speculation and stock-jobbing purposes. That these worthless roads may earn what they never have been able to earn and never will be able to earn, the Interstate Commerce Commission has in several instances refused the requests of prosperous roads to lower their rates.

"People of nearly every state are being compelled to overpay their railroads millions of dollars a year for these reasons alone. Depriving the state railway commissions of virtually all control over state rates, has led to increasing state rates which already were giving a state's carriers an ample return, to a higher figure so that they might earn dividends for several lame-duck, stock-jobbed roads in another state.

### Why Many Crops Rot

"In most instances these 'lame-duck' roads are notorious for their financial failure. In some cases they were originally built to serve some mining or lumbering area and the mines have been worked out and the regions denuded of saw timber and the traffic now originating in the territory served is inadequate to provide profitable operation of the roads. To care for these roads, the rest of the country must endure rate extortion. Then, as we have seen, these strong profitable carriers refuse to give any part of these surplus earnings to the Government for the support of these 'lame-duck' roads.

"This rate-making farce is proving costly to the country. It places an embargo on free movement of the products of the Nation's greatest producing industry. Thousands upon thousands of acres of crops have rotted instead of being added to and increasing the country's prosperity. Neither can an Interstate Commerce Commission immured in Washington and completely out of touch with state and local conditions, by any possibility, act promptly or fairly on the innumerable rate problems constantly arising in 48 states. It is swamped with work at this moment with no possibility of adjudicating a hundredth part of the transportation questions continually arising.

### Law, a Dangerous 'Makeshift'

"Mr. President, Section 15-A of the Cummins-Esch act has proved a dangerous and impossible makeshift. The sooner we repeal it and give state railroad commissions more control over intrastate rates and co-ordinate power to adjust such rates fairly, the better it will be for the roads and for the country. It will end most of these excessive rates and make possible the return of general prosperity."

### Hog Breeders Re-elect Officers

Officers of both the Kansas Poland China Breeders' Association and the Kansas Duroc Jersey Breeders' Association hold over for 1923. Both the associations met at Manhattan as part of the Farm and Home Week program. The two combined in one session for a general discussion. The officers of the Poland China Breeders' Association are H. B. Walters, Berdena, president; and R. W. Halfred, Marion, secretary. The Duroc Jersey Breeders' Association officers are G. M. Shepherd, Lyons, president, and L. B. Staubs, Hope, secretary.

Planning the year's rotation is a good occupation for cold, winter days when outdoor work is impossible; better yet, make it for the next four or five years.

It's as difficult to find anything new under the sun in agriculture as in all else; artificial incubation of poultry was known centuries ago to the Egyptians and the Chinese.

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# INCUBATORS

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

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 complies with the rules of this contest and sends in the largest list of correct words made from the letters in "Incubators."

FREE

### 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 Pencil; 10 Flint Agate Marbles; Rag Doll; Army Police Whistle. State choice.

Here are the Rules: (1) Write as many words as you can from the letters in "Incubators." A few of the words are bat, cubit, bith. 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.....

WHEN WRITING TO ADVERTISERS PLEASE MENTION THIS PAPER

# Our Kansas Farm Homes

Mrs. Ida Migliario  
—EDITOR—

## Kansas Women are Enthusiastic About Farm and Home Week

**F**ARM and Home Week is the meeting time of friends. Folks meet then who seldom see one another at any other time, and all over the campus of the Kansas State Agricultural College groups of women are seen exchanging experiences, discussing club plans, and many of them arranging future get-togethers. Aside from the pleasures of association, it is good to be with women in the meetings whom we know are having the same problems, working under the same difficulties and seeking the same remedies we are. We leave Manhattan after this week of rest, recreation and study full of new ideas, resolving to apply them to our own home life.

The management was fortunate in securing Jessie M. Hoover, Milk Utilization Specialist of the United States Department of Agriculture as one of the speakers. Miss Hoover spoke once in the general assembly and once to the women. "The matter of malnutrition is closely related to the lack of milk and dairy products in the diet," she said. "Where malnutrition is the highest, the consumption of milk is the lowest." So why should we sell inexpensive milk and buy expensive foods when milk contains so much more nourishment?

We know the value of milk, but until our attention is called to it, we are indifferent about its use. It would

**DO NOT** say, "I cannot afford to throw away these shoes," when you have a pair of shoes that does not fit your feet. The truth is, you cannot afford to wear the shoes. Few persons realize the ailments caused by ill-fitting shoes."—Mary Worcester, Instructor in Clothing and Textiles, Kansas State Agricultural College.

seem that city people who have to buy their dairy products realize their importance in the diet more than country folks who have them for use at all times, for the percentage of rural children who drink milk is smaller than the percentage of town children. And malnutrition among the pupils of country schools is more prevalent than it is in city schools.

### Clothing Exhibit Was Helpful

The clothing exhibit was more interesting than usual this year because garments for every member of the family were shown. On one side of the room was arranged clothing a family of five with an income of \$1,450 could afford and on the other side a wardrobe for a family with an income of \$3,000 a year. Most of the difference in the two displays was in the materials used. Inexpensive materials, neatly sewed and daintily decorated were made into almost as pretty garments as the more expensive materials, however.

Up until this year, the girls in the clothing classes at the college have made a cotton dress for themselves, then a woolen one, then a silk one. But this year a different plan is being used, and a much better one. At the beginning of the term, the girls each "adopt" a family whose income is logical. Then they make out a budget, allowing 15 per cent of the income for

the department of agricultural engineering, University of Nebraska. The home is a part of the farmstead, including the out-buildings as well as the house, said Professor Sjorgren. When building, we should consider the view from the house, protection from natural elements such as the wind, the soil from the standpoint of drainage, and we should take into consideration

**K**ANSAS women saved \$7,442.66 more in 1922 by making their own hats than they did in 1921. The following table shows some other interesting things on the growth of millinery work:

	1921	1922
Number of counties worked in.....	10	21
Number of training groups.....	2	10
Number of district conferences.....	0	3
Number of local leaders trained by specialists.....	18	155
Number of district leaders trained.....	0	20
Total number of local leaders.....	15	258
Number of hats made under supervision of specialist.....	499	454
Number of hats made under supervision of all leaders.....	141	1,496
Total number of hats made in state.....	640	1,950
Total saved on hats.....	\$2,129.59	\$9,572.25

clothing. The wardrobes are planned on a three-year basis, and at the end of this time, no more can be spent for the clothing of each member of the family than has been allowed in the budget.

One garment for every person is made during the term. The girls go to a store, choose the garments they wish to copy, and after the expense of the materials and the time is figured in, they know what articles are unprofitable to make.

Nina B. Crigler, state home demonstration leader, says that every mail brings requests from women thruout the state who want a specialist sent to their county to teach them to make hats. But the specialist cannot go into the counties that do not have a county agent, and the counties with a home demonstration agent are given preference.

If the millinery specialist were to hold a school in every township in Kansas, it would take her 23 years to do it, but by the system of organization that is now being used, she can visit 26 counties a year. This is only because the women in the counties help.

### Planning Hats and Homes

Sedgwick and Pratt counties did exceptionally good work in millinery last year, and Mrs. A. P. Foster, district millinery leader from Sedgwick county, and Mrs. J. V. Chitwood of Pratt county, told the women at one session what it meant to them to have this training themselves, and then to pass it on to other women. Both of these workers enjoy the millinery work, and find there is no greater pleasure than the unselfish service rendered in passing it along. They have learned that it is not what they get and keep that counts, but what they get and give to others.

The women were much interested in Prof. O. W. Sjorgren's lecture, "Some Practical Points in Planning the Country Home." Professor Sjorgren is with

the operations that are to take place on the farmstead. Compactness conserves energy, and as a rule, fewer and larger buildings are better than a good many small ones.

The house is domestic in nature and should be planned to meet the needs of the individuals of the family. We should remember that we are building a home as well as a house when we build, and plan to encourage privacy in the home by having all of the doors open into halls—which should not be large. Also have a place for the education of the family; and a place for play, not only for the youngsters, but for the grown folks as well. There should be a place for the man of the house to transact his business—at least a desk in a corner of a room where farm records may be kept.

Since much of the housework is done in the morning, the kitchen should be on the cool side of the house in the morning, and the living room and sewing room on the cool side in the afternoon. It saves plumbing expenses if the bathroom is above the kitchen, on the second floor. It is a good plan to have a bedroom on the first floor that can be used for a sick room. There should be plenty of closets in the home, at least one in every bedroom, a linen closet, broom closet and a cloak closet downstairs.

The cost, of course, is an important factor. It is impossible usually to put everything into a home that we want, but we should decide to have the things of the most service.

### Professor Baker's Rule of Three

Following Professor Sjorgren's lecture, Professor C. E. Baker, head of the department of architecture, spoke on "Planning Household Equipment." The three most important conveniences are running water, electricity and a good heating system, and it is hoped that the time is not far distant when every farm will be equipped with all three, said Professor Baker.

When planning a new home or re-

modeling an old one, arrange to have a breakfast alcove in the kitchen. It will save many steps. Then be sure that the kitchen sink and work table are high enough. And the kitchen sink should be large enough to hold the dishpan and to allow water to be splashed in the sink and not on the floor when washing dishes. It is not a good idea to build shelves under the sink because it leaves the housewife no toe space when working at the sink. Also, water is likely to seep thru to the shelves, making them unsanitary.

Professor Baker prefers hard plastered, painted walls in the kitchen, and believes that maple flooring is best where one does not have inlaid linoleum. He does not think that it pays to varnish linoleum for it makes it more difficult to clean, and the varnish soon wears off.

The lighting of the kitchen is important. It is much better to have a light over each of the working surfaces than to have one large one in the center of the room. Professor Baker does not approve of pantries, but believes that a cabinet in the kitchen should be large enough to hold supplies. There should be a number of small drawers in the cabinet, rather than a few deep ones. A built-in china closet that opens into the kitchen and dining room is a big step saver, and provides a place for storing extra dishes.

### Clothes Chute is Convenient

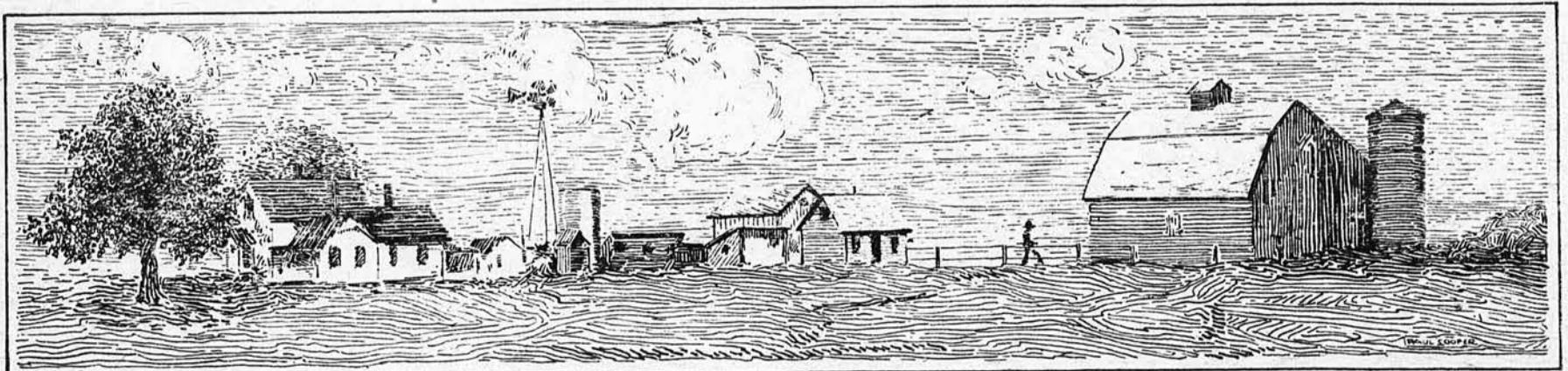
In the basement, it is well to have a laundry room with the machine and stationary tubs in the center of the room rather than in a dark corner. These should be high enough to prevent back bending when working. A clothes chute is a big laundry convenience, and it is a good idea to have the containers of wire so that the soiled clothes will not become musty. In the fruit closet in the basement, plan to have vegetable storage bins

**T**HE greatest obstacles to health are not poverty or heredity but ignorance and indifference. We have in the United States a disease more serious than the ordinary diseases of childhood, and that is health apathy."—Jessie M. Hoover, Milk Utilization Specialist, United States Department of Agriculture.

with spaces between the boards thru which dirt will fall.

Professor Baker's home which is about 1½ miles from Manhattan, contains many convenient features, and is artistic and beautiful as well as convenient. The women were invited to visit it, and many of them did, securing ideas for installing conveniences in their own home.

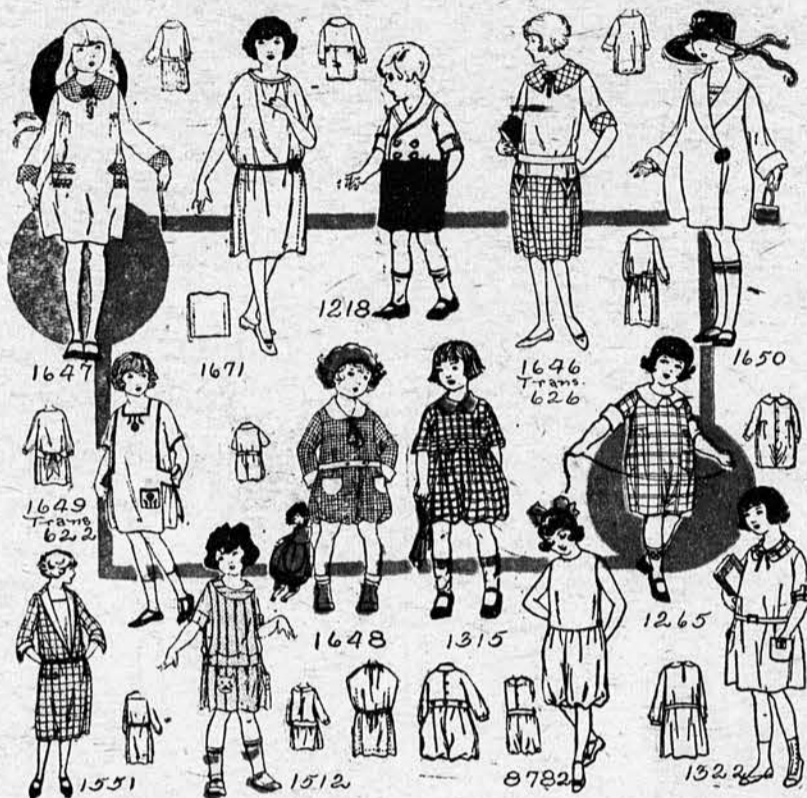
"Meat is not an undesirable food." (For Continuation Turn to Page 25)



## Frocks for the Small Folks

At School and at Home, the Simple Costume for Juniors is the Correct One

BY MRS. HELEN LEE CRAIG



1647—Girls' Dress. The front is slashed in from the armhole edges and the lower edges gathered and joined to the upper edges to give fullness at each side. Sizes 6, 8, 10, 12 and 14 years.

1671—Girls' Dress. Stitch up the shoulder seams and finish the neck and a pretty frock is finished. Sizes 8, 10, 12 and 14 years.

1218—Boys' Suit. The double breasted waist has a smart rolling collar of self material. Sizes 2, 4 and 6 years.

1646—Girls' Dress. For school and knock-about wear, a combination of plain and plaid serge would be excellent. Sizes 14, 16, 18 and 20 years.

1650—Girls' Coat. Shawl collars and surplice closings are the smartest in junior coats. Sizes 6, 8, 10, 12 and 14 years.

1649—Girls' Dress. The sleeves are cut in one with the back and side front. Sizes 4, 6, 8 and 10 years.

1648—Child's Rompers. Little folks can tumble about with ease in rompers like these. Sizes 2, 4 and 6 years.

1315—Child's Rompers. Made of checked gingham and trimmed with plain chambray are these rompers. Sizes 2, 4 and 6 years.

1265—Child's Rompers. These rompers are cut in one piece from neck to lower edge. Sizes 2, 4 and 6 years.

1551—Girls' Dress. Especially serviceable for school is this style. Sizes 8, 10, 12, 14 and 16 years.

1512—Girls' Dress. Long, blousy-waisted frocks are favored in the small girl's wardrobe, too. Sizes 4, 6, 8 and 10 years.

8782—Girls' Under Suit. Most mothers approve of bloomers for their young daughters in preference to petticoats. Sizes 2, 4, 6, 8, 10, 12 and 14 years.

1322—Girls' Dress. 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.—Ady.

### Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning house-keeping, home making, entertaining, cooking, sewing, 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.

#### To Make Tin Ware Rust Proof

Is there any way to make tin ware rust proof?—K. B. T.

If you will rub lard over every part of the tin and set it in the oven until it is heated thru, the tin will be permanently rust proof.

#### A Question of Etiquette

If a girl's mother is not living who should receive her guests?—D. R. M.

The eldest daughter takes the mother's place as far as possible. It is not always obligatory for her to receive the young men, if her sister is at home. However, the men should, when making the first call, inquire for her, and on that occasion she should see them.

#### Money Making Schemes

I want to make some money at home. Will you suggest some ways that you think I might try?—Mrs. E. A. S.

Choose something which you enjoy doing and then become especially efficient at it. I would suggest making crocheted, braided or drawn rugs; these sell well if pretty color combinations are used. Letter wax made into beads or pendants, or used as the decorative feature on vases, salt and

pepper sets, candles, shoe trees, book ends, boxes, cards and so on, bring good prices. Then there are the usual bread, cake, cooky, yeast and cottage cheese possibilities. If I can help you in working out the details of any of these I shall be glad to have you write.

#### Club Work in Shawnee County

Rural women of Shawnee county appreciate the rest room established for them by the Farm Bureau. Last year, 2,602 persons were accommodated—2,777 women, 347 men and 478 children. These folks made this room their headquarters, leaving their packages while they shopped. Luncheon was served to 1,367 persons from November, 1921 to October, 1922.

Mrs. Julia Kiene, home demonstration agent for Shawnee county, reports other interesting things connected with her work in 1922. During October, 105 hats were made in the millinery school at a saving of approximately \$6 each. Members of clubs where candy demonstrations were held before Christmas made 2,257 pounds of Christmas candy. Canning in the county showed a large increase, too. Three hundred women questioned canned an average of 257 quarts of fruit and vegetables.

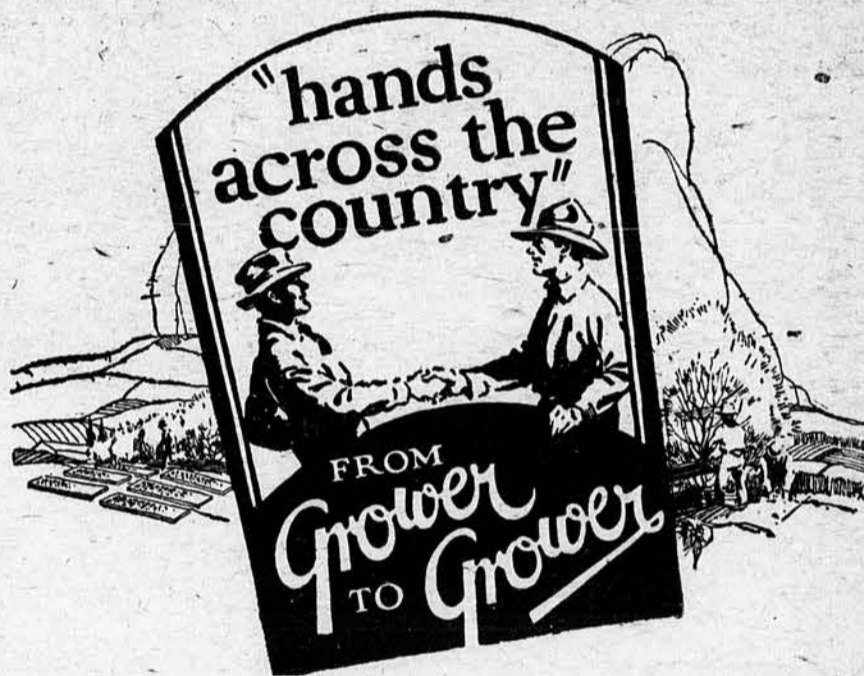
Hot lunches were served in 21 schools, and in all of them there was less sickness and better afternoon work among the pupils than when cold lunches were eaten.

Five communities held home nursing meetings under the leadership of Pearl Martin, nursing specialist. Interest in poultry work among the women was greatly increased, also.

## Growers Brand CALIFORNIA PRUNES

Grown in our own orchards and packed in our own packing houses—Growers Brand Prunes are firm, full-flavored sweetmeats from California's orchards. Remember that prunes are Nature's body regulators. They give your system something it can get in no other way. Especially these brisk-weather days when farm fare is apt to get too "heavy" for comfort and health.

Send for recipe folder showing new ways to serve prunes. Address Dept. G, California Prune & Apricot Growers Association, Packers of Growers and Sunsweet Brands, 29 Market St., San Jose, California. — 11,000 grower-members.



### "Line's Busy!"—No, Never!

You never get the busy signal when you call for Buyers on the Kansas Farmer and Mail & Breeze line. There is always somebody who wants what you have to sell. Our Farmers Classified Page is the switchboard that connects up with more than 125,000 farm families.

Plug in With Buyers

## GIVEN \$100 Cream Separator

See How Many Words You Can Make From Separator

In the near future we are going to give away one or more \$100 Cream Separators. Would you like to have one? If so, see how many words you can make using the letters contained in the word Separator. Send your list of words to the address given below.

### Can You Spell?

Here are some of the words you can make, sea, post, art. If you can make as many as twenty words, send your list at once and you will be given credit for 50,000 points toward the separator. Each person who joins the club will get 25,000 additional points, and will learn how to earn a still larger number. The club member who has the largest number of points to his credit at the close of the club will be awarded the \$100 Separator. Send in your list at once. All lists of words must be received before March 31. Address Desk C-16, 8th & Jackson Sts., Topeka, Kansas.





**On Guard!**

Protect your stove against rust and wear by using

**BLACK SILK**  
STOVE POLISH

Easily applied and anneals to the iron as if a part of it. All its advantages have been proved over and over again by millions of women everywhere. Used by dealers on sample stoves and for exhibition work.

Sold by hardware and grocery dealers. Liquid and paste—one quality. **Get a can today.**

**Black Silk Stove Polish Works**

Sterling, Illinois

Use Black Silk Air Drying Iron Enamel on grates, registers, stove pipes—prevents rusting.  
Use Black Silk Metal Polish for silver, nickel, or brass. It has no equal for use on automobiles.

*"A Shine in Every Drop"*

**Aspirin**

Say "Bayer" and Insist!



**Genuine**

Unless you see the name "Bayer" on package or on tablets you are not getting the genuine Bayer product prescribed by physicians over twenty-two years and proved safe by millions for

Colds Headache  
Toothache Lumbago  
Earache Rheumatism  
Neuralgia Pain, Pain

Accept "Bayer Tablets of Aspirin" only. Each unbroken package contains proper directions. Handy boxes of twelve tablets cost few cents. Drug-gists also sell bottles of 24 and 100. Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylicacid.



Here is the greatest money saving sale you ever heard of. Prices cut to the bone on Fences, Gates, Steel Posts, Roofing and Paint.

**GET BROWN'S FACTORY PRICES**

Don't spend a cent until you get my prices. You'll be surprised when you compare with others. Remember I pay freight and sell only direct from my factories to you.

**FREE 88-PAGE BOOK OF BIG BARGAINS**

The greatest bargain book ever printed. Every page is like finding money. Buy now during this sale. Prices dropped to the bottom.

Get your name on a postal and mail NOW. Jim Brown, Pres. Brown Fence & Wire Co., Dept. 2407, Cleveland, Ohio



**Headquarters for Livestock engravings**  
Write for prices  
**Capper Engraving Co.**  
DEPT. M  
TOPEKA - WICHITA

## For Our Young Readers

### About a Little Sick Girl Who Counts Laddie Boy of the White House Among Her Friends

BY MRS. VELMA WEST SYKES

YOU little boys and girls who romp and play so noisily that sometimes Mother thinks you are going to bring down the house, did you ever stop to think how it would feel to have to lie in bed every day for months and months? You know, the times you are sick; how glad you are when the doctor and Mother decide to let you up, and how good it feels to just step across the floor ever so carefully? Well, I am going to tell you about a little girl who has to spend from one to three years in bed, yet who never complains and is just as happy as she can be in the various ways she has of amusing herself.

The little girl's name is Darlene Wilson, and she lives at Kincaid, Kan. This is her picture which you see here with her little baby brother Jack. When Darlene was a year old and started to walking it was noticed that she limped. Of course, this worried her mother and father, so they took her to several doctors and finally had an X-ray picture taken to see what was the trouble. An X-ray picture shows our bones without the covering of flesh and it showed that one of Darlene's hips was dislocated and had been that way since she was born. This is a very serious matter, but the parents finally took her to a Doctor Paul in Kansas City, Mo., who was an old friend of the family, and who had operated on a little boy once for the same trouble. The little boy is now playing football.

#### Darlene is a Brave Little Girl

Doctor Paul came down to Darlene's home one Sunday last July to perform the operation. Darlene was not quite 6 years old then. It was not the kind of an operation where instruments are used, but just consisted of his pulling the little limb into place so that the hip would rest in the socket where it belonged. Darlene was very brave and did not take anything to make her sleep and did not cry at all. She had gone to Sunday School that morning and had invited all the children to come to see her, as she would not be back for a long time. You see, she has to stay in bed and keep very quiet so that the limb will grow into place properly, and then when she

does get up she can walk without limping and be like other little children.

Since Darlene has to spend all her time in her room, perhaps you would like to hear what the room is like. It is a large room with double windows on the west, one on the north and one on the south. Her little white bed stands just in front of the west windows where she can look out and see children coming to and from school. She can see the folks who pass in cars, and a great many of them never fail to wave when they pass. The children of the Methodist and Baptist churches take turns coming over and having Sunday School with Darlene.

There is a piano in Darlene's room and many kind folks come to play for her, and she has a radio set which was lent her by the local American Legion.

post. Darlene's daddy was in the World War and he carries mail now.

At the foot of Darlene's bed hangs a picture of Mary Pickford which was sent by the actress herself. Over on the piano is a picture of Laddie, the White House dog, which was sent to Darlene by the President and Mrs. Harding with a letter. This is what the letter said:

#### Mr. Harding Sends Laddie's Picture

"To Little Darlene Wilson: This is a picture of Laddie Boy who lives at the White House, and we wish it could bark and wag its tail to say good-morning to the brave little sufferer."

Darlene gets letters and gifts from every state in the Union, and I have no doubt she would be glad to hear from some of you boys and girls. Her teacher, Miss Brown, comes twice every week to hear her lessons. Darlene is doing second grade work. She can sew very nicely, doing cross-stitch and embroidery work, and has all sorts of toys and books with which to amuse herself.

During the annual Stock and Agricultural Fair which is held in Kincaid every year the parade was routed past Darlene's house so she could see it and the band played under her windows. Thus the community does everything possible to make the time pass quickly for this brave little girl and to help her keep cheerful.

At our place one day last December came a tiny calf. It was so small no one thought it could live. It was only 20 inches high and weighed about 10 or 15 pounds. But we took very good care of it, feeding it by hand. It lived and became frisky as all little calves do. It was kept in our backyard and sometimes when it was feeding time if we weren't on time it would climb the three back steps to the porch and bawl for its feed. We named it Bonnie. Bonnie is now boss of the calf herd, altho she is the smallest. But she will always be small for her age. It takes grit and determination to win under difficulties.

Robinson, Kan. Hester Potter.

*In the ancient days even before the dawn of history, what animal was the companion of man?*

*Answer: - bit*



To the first 10 boys or girls who answer this puzzle correctly we will give a package of postcards each. Send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan.

## Fall and Winter

### Money Saving Clubbing Offers

Capper's Weekly Household	Club 100 all for
Kansas Farmer and Mail and Breeze	<b>\$1.60</b>
Kansas Farmer and Mail & Breeze	Club 101 all for
Gentlewoman Household	<b>\$1.10</b>
Kansas Farmer and Mail & Breeze	Club 102 all for
Woman's World People's Popular Mo.	<b>\$1.30</b>
Kansas Farmer and Mail & Breeze	Club 103 all for
McCall's Good Stories	<b>\$1.40</b>
Kansas Farmer and Mail & Breeze	Club 104 all for
American Woman People's Home Jr.	<b>\$1.75</b>
Kansas Farmer and Mail & Breeze	Club 105 all for
American Woman McCall's	<b>\$1.50</b>
Kansas Farmer and Mail & Breeze	Club 106 all for
Pathfinder (Weekly)	<b>\$1.25</b>
Kansas Farmer and Mail & Breeze	Club 107 all for
McCall's Mother's Magazine	<b>\$1.60</b>
Kansas Farmer and Mail & Breeze	Club 108 all for
Pictorial Review American Woman	<b>\$1.75</b>
Kansas Farmer and Mail & Breeze	Club 109 all for
Today's Housewife Household	<b>\$1.50</b>
Kansas Farmer and Mail & Breeze	Club 110 all for
Modern Frisella People's Popular Mo.	<b>\$2.20</b>
Kansas Farmer and Mail & Breeze	Club 111 all for
Christian Herald Good Stories Household	<b>\$2.10</b>
Kansas Farmer and Mail & Breeze	Club 112 all for
Pathfinder National Republican	<b>\$1.75</b>
Kansas Farmer and Mail & Breeze	Club 113 all for
American Boy	<b>\$2.35</b>
Kansas Farmer and Mail & Breeze	Club 114 all for
Collier's	<b>\$2.60</b>
Kansas Farmer and Mail & Breeze	Club 115 all for
Thrice-a-Week World	<b>\$1.30</b>
Kansas Farmer and Mail & Breeze	Club 116 all for
Bryan's Commoner	<b>\$1.30</b>
Kansas Farmer and Mail & Breeze	Club 117 all for
Am. Poultry Advocate	<b>\$1.25</b>
Kansas Farmer and Mail & Breeze	Club 118 all for
Youth's Companion	<b>\$2.85</b>
Kansas Farmer and Mail & Breeze	Club 119 all for
Woman's Home Comp	<b>\$1.80</b>
Kansas Farmer and Mail & Breeze	Club 120 all for
Boys' Magazine	<b>\$1.45</b>
Kansas Farmer and Mail & Breeze	Club 121 all for
American Magazine	<b>\$2.60</b>
Kansas Farmer and Mail & Breeze	Club 122 all for
Bryan's Commoner Pictorial Review	<b>\$2.00</b>
Kansas Farmer and Mail & Breeze	Club 123 all for
People's Popular Mo. Boys' Magazine	<b>\$1.60</b>
Kansas Farmer and Mail & Breeze	Club 124 all for
Good Stories Woman's Home Comp	<b>\$1.95</b>
Kansas Farmer and Mail & Breeze	Club 125 all for
Thrice-a-Week World	<b>\$1.55</b>
Kansas Farmer and Mail & Breeze	Club 126 all for
American Woman American Magazine	<b>\$2.65</b>
Kansas Farmer and Mail & Breeze	Club 127 all for
Am. Poultry Advocate Gentlewoman	<b>\$1.40</b>
Kansas Farmer and Mail & Breeze	Club 128 all for
People's Popular Mo. Woman's World Boys' Magazine	<b>\$1.90</b>
Kansas Farmer and Mail & Breeze	Club 129 all for
McCall's Gentlewoman People's Popular Mo. Woman's World	<b>\$1.85</b>
Kansas Farmer and Mail & Breeze	Club 130 all for
American Thresherman Capper's Farmer	<b>\$1.35</b>

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.

Name.....

Address.....

## Health in the Family

### Lagrippe is Fully As Dangerous As Influenza and Requires Very Careful Treatment

BY DR. CHARLES H. LERRIGO

SEVERAL subscribers have written to me asking me to state the difference between lagrippe and influenza. There seems to be a general opinion that the two ailments are quite different and that one may take liberties with an attack of lagrippe that would be quite unsafe with influenza. The fact of the matter is that the only difference is in the name; the ailments are identical in cause and in effect.

The people of this country had a severe lesson as to the terrible power of influenza, in the year 1918. It is safe to say that it equaled the ravages of the great plague of London that is given such a prominent place in the history of epidemics of disease. But it is well to know that the same disease comes to us year after year and it is capable of the same deadly work, even tho it does seem to be of milder type. Lagrippe, grip, flu, Russian influenza—no matter what the name—all of them mean influenza; and influenza is a disease that must always be treated with the greatest respect.

It must be remembered that influenza is a disease that resembles diphtheria in the important respect that it generates poisons that have an effect upon the entire system and especially upon the heart. A person having what is so often described as a "touch of the gripe" will make light of the trouble, try to continue at work, and perhaps manage to do so. What harm is done?

First of all he does harm to the people with whom he comes in contact, for influenza no matter how mild the type, is always contagious. Then he really loses time. He may not feel very ill, but he is sure to be lacking in "pep" and his work is poor. He drags around for a period about four times as long as would have been necessary had he gone to bed for a couple of days. All this time he is making a heart that is feeling the poison of influenza do a task that should not be required of it. In fact at such a time the foundation often is laid for chronic heart trouble that appears in later years.

Moral—Don't trifle with an attack of influenza, no matter under what name it passes. Go to bed until you have won the battle.

#### A Troublesome Headache

I am a young married man of 25 years. I had my tonsils removed, and about 30 days later I took a severe headache in the back of my head. It runs toward my neck. I have a poor appetite. Would the tonsil removing cause my headache? I was under

the influence of ether when I had my tonsils removed. Would that cause trouble? G. H.

The effects of ether disappear quite quickly and I see nothing either in the operation or the ether to cause your headache. I suggest that you have your eyes examined.

#### Diet for a Baby

I wish to write in regard to my baby boy, 10 months old. I have weaned him because my milk does not agree with him and am feeding him principally cow's milk. Is there anything I can put in the milk to keep him from being so constipated? I am feeding him fruit juices. Mrs. C. J. K.

Cow's milk should not cause constipation if whole milk is given and if other foods are added. At 10 months old a child may have stale bread, or toast, any well cooked cereal, both pulp and juice of ripe oranges; a small portion of prunes; and vegetable soups. These additions to the diet will clear up constipation.

#### Treatment for Tubercular Tumor

I am a young man 28 years old and have a tubercular tumor. I was operated on a year ago and the tumor started again and is now quite large. Would you suggest another operation? My physicians have given my case up. Would this tumor be likely to return again? My health seems to be fairly good only that I am quite nervous. P. A. K.

Operations are always to be avoided if possible in cases of tuberculosis. Without knowing the nature and location of this tumor, my advice is to ignore it, if possible, and take the complete rest cure, exactly as you would for any other form of tuberculosis.

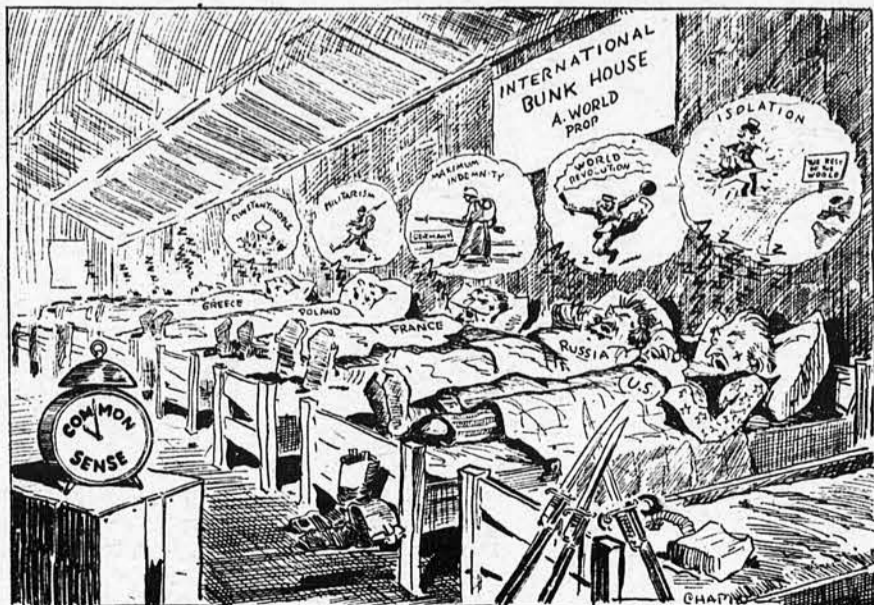
#### What is the Hookworm?

What is hookworm? Do patients get poor and weak and feel tired out all the time? R. K. F.

Hookworm is a small intestinal parasite,  $\frac{1}{2}$  to  $\frac{3}{4}$  inch long, and about the diameter of No. 30 cotton thread. It gains access to the body thru the skin of the feet in many cases, being most common among people who go barefoot. It reaches the intestines, fastens its hooks there, and feeds upon the blood of the victim, causing very profound anemia, dwarfing growth, and often ending in death.

A sound national policy of forestry cannot be perfected until far more is known about how to grow timber under widely varying conditions, what our economic and industrial requirements are, and by what methods of use these requirements can best be met, says the Forest Service, United States Department of Agriculture.

### Some Strange Bed Fellows



Business is Rushing at the International Bunk House and No One Knows When or Just How the Mad Rush Will End



## NOT GRIT A FOOD

GROUND oyster shell is sometimes regarded simply as a grit. To be sure, it has some grinding capacity in the craw. But it is very soon reduced to a lime fluid and contributes to bone and egg shell construction.

Grit acts purely as a grinding agent and has no food value.

PILOT BRAND contains no dirt, no clam shells—nothing but pure, ground oyster shell, analyzing 98% carbonate of lime.

When you buy oyster shell get PILOT BRAND. It is washed, dried and graded in both adult and chick sizes.

Keep it before the fowls all the time, every day in the year.

Most feed dealers carry PILOT BRAND. If yours does not, write to us.

"LIME ALL THE TIME"

OYSTER SHELL PRODUCTS CORPORATION  
Security Building, St. Louis, Missouri



## You Can Bank On A Belle City For Big Cash Profits

Because it will bring you biggest hatches of strongest chicks that will grow rapidly into profit-paying hens

140-Egg Size  
I Ship Quick From Buffalo, Minnesota to Kansas City or Racine.

Jim Rohan  
Pres.

### \$13<sup>95</sup> 140-Egg Champion Belle City Incubator

Here's a big money making opportunity for you that requires no experience—no big investment—just a little of your spare time. Over a million satisfied Belle City users have added to their bank accounts.

The Prize-Winning Hatcher with Fibre Board Double Walled Construction—Hot Water Copper Tank—Self-Regulated Safety Lamp—Thermometer and Holder—Deep Chick Nursery—Egg

My new Free Poultry Book "Hatching Facts" tells you the whole interesting story—write for it today—it will prove that I can start you also on the right road to make big profits raising poultry with my

Tester. \$6.95 buys 140-Chick Hot-Water, Double-Walled Belle City Brooder—Guaranteed to raise the chicks. Save \$1.95—order both together—a complete Hatching Outfit—only \$18<sup>95</sup>

### Express Prepaid

East of Rockies and allowed to points west. Gets your shipment to you—Post Haste—in from 2 to 5 days. You are perfectly safe in ordering—today—at these lowest factory prices—thousands save valuable time by ordering direct from my

advertisements every year. For over eighteen years I have specialized on this one size—and on style—Incubator and Brooder—the most practical for all purposes—the kind that will insure your success. Then too, my big special

### Prize Offers of \$1000 in Gold

provide easy ways for you to make extra money. Full information comes with "Hatching Facts." Start a profit-paying poultry business of your own. Time means money to you. Order now—or write me today for Free Book "Hatching Facts"—it explains everything. Jim Rohan, Pres.

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

140 CHICK BELLE CITY BROODER

F. C. McAllister, Topeka, was elected president of the Kansas Horse Breeders' Association at the annual meeting held as part of the Farm & Home Week program. Prof. E. L. Intosh of Manhattan was chosen secretary. He takes the place of P. A. M. Paterson.

## Farm and Home Week

(Continued from Page 20)

said Dr. Helen B. Thompson, dean of the division of home economics in a discussion on the nutritive value of meat. "There is no evidence that has been discovered that it induces disease unless it is eaten to the exclusion of other foods. It contains materials that stimulate body processes but this will not injure an all around, healthy body."

Meat contains a large amount of protein—20 per cent, and milk 3.3 per cent. It is a bad habit, however, to teach children to depend on meat. Meat broth often is given to persons with fever, but this should not be done, except in cases of tuberculosis when it is a good thing. It stimulates the building processes of the body and will help to overcome that disease.

Innumerable ailments are caused by high heels, pointed and tight shoes. They throw the weight of the body on the wrong parts of the foot, and the organs of the body are misplaced. To tell whether a shoe fits, stand with one foot on a piece of paper and draw around the foot. Then put your shoe on another piece of paper and draw around it. If the drawing of the shoe seems to fit the drawing of the foot, your shoes are correct.

We should never drop from extremely high heels to flat heels all at once. The muscles of our legs will give us trouble if we do because they have shortened from the high heels. Rather, stretch the muscles gradually by reducing the height of the heel a little each time we buy a pair of shoes.

These are some of the things Mary Worcester, instructor in clothing and textiles, emphasized in her discussion of shoes.

An exhibition of refinished furniture was very interesting because most persons have old dressers, sideboards or chairs and couches in their homes that are an eyesore. Miss Holman, of the college faculty who explained the display, showed the women how grotesque scrolls might be removed and the furniture refinished to make it really artistic.

Many times the mirror may be removed from a dresser and hung above the chest of drawers to good advantage.

Old couches can be covered with burlap or cretonne, making attractive pieces of furniture. Old chairs, painted and decorated with bands of a contrasting color are quite attractive.

Miss Vorhees, an instructor in applied arts at the college, explained how the refinishing might be done. First, the old varnish must be removed, either by scraping, with a varnish remover or with a homemade preparation. Then the wood is sand papered. If you wish to retain the natural finish of the wood, apply a preparation of two-thirds linseed oil and one-third benzine. Then apply a coat of wax.

Ethel Arnold, assistant instructor in applied arts, discussed curtains and hangings. Windows are the eyes of the home, said Miss Arnold, and must not be hid by elaborate curtains or drapes. They must merely be a frame for what we see outside. If our windows are long, they can be made to appear shorter by using a deep valance, and if they are short the valance may be omitted to give length.

There are a large number of curtain materials on the market, to suit every type of home and every pocket-book. If our furnishings are elaborate, we can secure curtains to harmonize with them, but if they are simple, many inexpensive and pretty curtain materials may be had. Unbleached muslin left its natural color makes good glass curtains, or it may be dyed for drapes. And if a design is stenciled on the drapes, they are unusually attractive.

Figured curtain materials should be used with plain wall paper, and plain curtains with figured wall paper. It is important that our curtains harmonize with our wall paper, rugs and other furnishings in the room, and we must remember that light shines thru and not at curtains when we decide on a color.

Cherry furniture can be stained to resemble mahogany and is very attractive. Scrape the varnish first, then sandpaper and apply the stain. Then the furniture may be varnished or oiled.

All of these things were discussed in the Tuesday and Wednesday meetings. I regret that I cannot tell you about the Thursday and Friday meetings, but it was impossible for me to attend them.

Florence K. Miller.

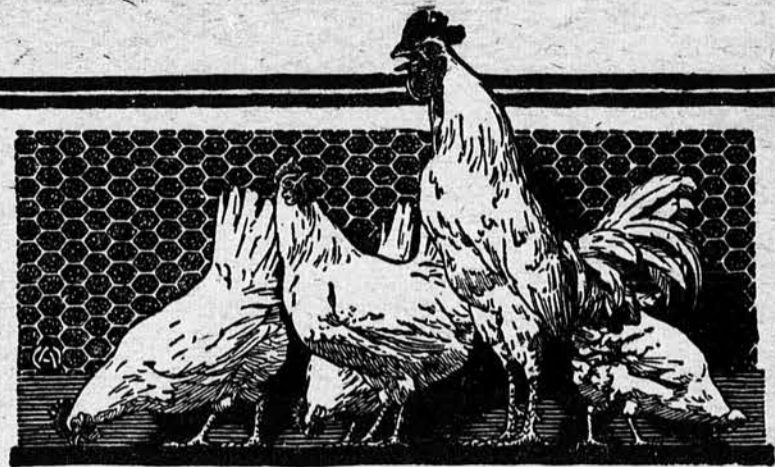
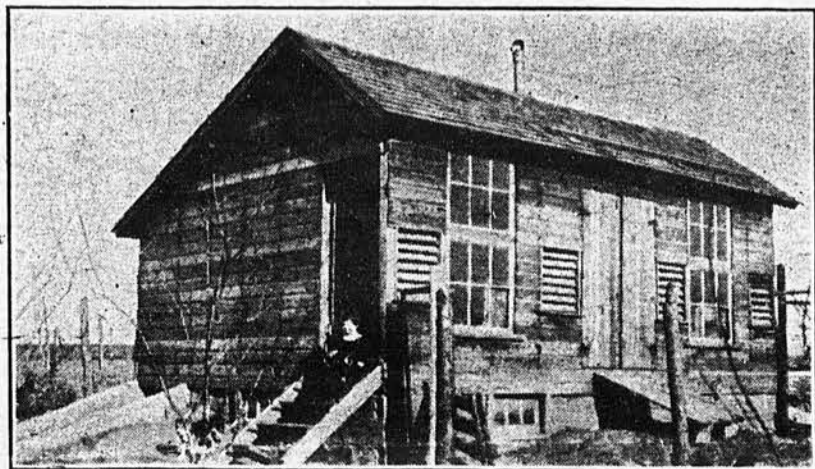
## Unique Hatchery and Brooder House

BY GERALD E. FERRIS

ON THE Ancona Farm of Walter Pierce of Dickinson county is a rather unique hatchery and brooder house. The two are combined. The hatchery is below in the excavated portion while the brooder house is above the ground. Undoubtedly this house would prove economical to any farmer raising a large flock of chickens.

The desire for a place where an even temperature could be maintained for the two 600-egg incubators, terminated in the building of this 14 by 20 house with an excavation, a tile foundation and a frame building above. Fresh air in a hatchery is entirely necessary to provide oxygen for the eggs in the incubators. This is supplied thru pipes running down from the outside. Hatching eggs are obtained from the 2-year-old Ancona hens that have strong vitality and test up well for egg production. A breeding pen is being kept this year. Chicks for the Ancona Farm are hatched in February. Later hatches are sold commercially. As many as 500 chicks have been hatched from one 600-egg incubator.

After being hatched the chicks are cared for in the brooder-house section of the building. Warmth for them is supplied by one centrally located, coal brooder stove. While they are young they are penned up around the stove, thus preventing them from going off into the corners and getting chilled. This one stove will keep 900 chicks warm. Chicks, as they grow older will crowd one another, if they are not comfortable. This is prevented by building low roosts with a fine wire netting approach and with this netting beneath the roosts to keep the chicks from falling. When these are supplied, chicks learn very young to use them.



## VIGOROUS BREEDERS STRONG CHICKS

Mating time is the time that your breeders should be in the pink of condition

—so that they can impart health and vigor to their offspring—the chicks.

Begin now to condition your breeders.

## Feed

## Dr. Hess Poultry PAN-A-CE-A



I spent 50 years in perfecting Pan-a-ce-a.  
GILBERT HESS  
M.D., D.V.S.

Then you get chicks that are strong and livable.

Chicks that can resist the attacks of disease—the little-chick ailments.

Pan-a-ce-a is not a stimulant, mark you—it's a tonic that does its good work nature's way. It insures fertile eggs for hatching.

Tell your dealer how many hens you have. There's a right-size package for every flock.

100 hens, the 12-lb. pkg. 200 hens, the 25-lb. pail  
60 hens, the 5-lb. pkg. 500 hens, the 100-lb. drum

For fewer hens, there is a smaller package.

GUARANTEED

DR. HESS &amp; CLARK Ashland, O.

## Dr. Hess Instant Louse Killer Kills Lice

## Brooder Coal

New Mexico Anthracite Hard Coal gives perfect service.  
Write for sample, price and testimonials.

RANSOM COAL & GRAIN CO.,  
Station "B" Kansas City, Mo.

## Get Fowler Egg Farm Leghorns

FOR EGGS, GREAT WINTER LAYERS, 247-268 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.

## CHICKS \$10.50 AND UP. Heavy laying quality, from personally inspected and Hogan tested hens, in leading varieties.

PRICES: Barred Rocks, S. C. Reds, Anconas, 50, \$8; 100, \$15; 500, \$72.50. White Buff Rocks, W. Wyandottes, 50, \$9; 100, \$17; 500, \$82.50. White and Buff Orpingtons, 50, \$9.50; 100, \$18; 500, \$88. White and Brown Leghorns, 50, \$7; 100, \$13; 500, \$62.50. Mixed, 50, \$6; 100, \$11; 500, \$52.50. Only one Grade and that the BEST. POSTPAID, 97% live delivery guaranteed. Order NOW from this AD and get them when you want them. Free Catalog. You need it. Ref., American National Bank, Sieb's Hatchery, Box 524, Lincoln, Ill. Albert Sieb, Prop., Member I.B.C.A.

## QUALITY CHICKS 14 Purebred Varieties

Best Laying strains. We incubate 20,000 eggs daily, giving prompt service and low prices. Pleased customers in 46 states. 11th season. Big catalog free. Write today! BOOTH FARMS, Box KF, Clinton, Mo.

## A Quality Hatcher At The Lowest Price "Successful" INCUBATORS &amp; BROODERS

Mail a postal—Get our offer. Poultry lessons free to every buyer. Booklet, "How to Raise 48 Out of 50 Chicks," 10c. Catalog FREE. Make green egg-making feed in SUCCESSFUL Grain Sprayer. Des Moines Incubator Co. 300 years of Big Successes. 300 years of Big Successes.

## 22,660 Winter Eggs

From 500 Pullets in November, December and January. Market value of eggs, \$1,400. You can do the same with our BRED-TO-LAY-in-WINTER LEGHORNS (and do it). Baby chicks. Guaranteed Fertile Eggs. Write

Osee C. Frantz, Box K, Rocky Ford, Colo.



CHICKS For 20 years I have been raising poultry. For 6 years I have managed the St. Louis Coliseum Poultry Show. For years a member of Mo. State Poultry Board, appointed by Governor. Now I am selling the best chicks, eggs, breeding stock possible to produce, at reasonable prices. Guaranteed Rocks, Reds, Leghorns, Wyandottes, Orpingtons, Anconas, Ducks, Geese, Turkeys, Bantams, Pheasants, 15 eggs, \$2, chicks 12c, delivered. Catalog free. Chas. Key Cullom, Pres. Greater St. Louis Poultry Sup. Co., 1102 Market, St. Louis, Mo.



MOR-CHIX INCUBATOR Write today for FREE catalog incubators, brooders and poultry supplies. MOR-CHIX CO., Dept. 7 Quincy, Illinois



BABY CHICKS We hatch leading varieties of laying stock. Postage paid. Live arrival guaranteed. Send for our prices, open dates and large illustrated catalogue free. Write today. Superior Poultry Company, Box KF, Windsor, Mo.



WEBER'S Best laying, best paying chickens, ducks, geese & turkeys. Fine pure-bred quality. Fowls, Eggs, Incubators all at cut prices. 40 years poultry experience, and my 100 page Catalog and Breeders Guide Free. W.A. Weber, Box 75 Mankato, Minn.



BABY CHICKS and hatching eggs from standard 200 egg hens. 20,000 chicks weekly. Low prices. Ten varieties. Delivery Free. 32 page chick book and catalog free. Standard Egg Farms, Dept. E Cape Girardeau, Mo.



CHICKS We ship everywhere. Safe arrival guaranteed. 20 thoroughbred varieties. Hatched right. Member Int. Baby Chick Assn. Catalog free. Mammoth Hatchery, R. F. D. 15, Glen Ellyn, Ill.



# Business and Markets



By John W. Samuels

**D**URING the last month a widespread spirit of optimism has been developed along all lines throughout the country. Slow but continued improvement in agriculture is shown in the monthly review of the United States Department of Agriculture. Farmers have endeavored to put behind them the disappointments of last year and are looking toward the coming season with higher hope. Potatoes and spring crops are already being planted in some parts of the South.

## More Swine and Sheep Now

An increase in the number of swine on farms and a prospective increase in the number of pigs to be farrowed this spring are indicated. Sheep increased 1 million head the last year, a natural response to a \$3-a-head price rise, according to the United States Department of Agriculture. A slight increase in dairy cows and in other cattle was shown on January 1, as compared with January 1, a year ago. The horse industry continues to decline, as shown in the decreased number of horses on farms.

The cotton belt continues to stand out as a region of improved conditions, the department finds. Its higher prices represent a real influx of new money, not merely trading between farmers or other groups within the territory. The South has been buying some Northern pork and lard—a fact that should be hitched up to the well-sustained price of hogs last fall.

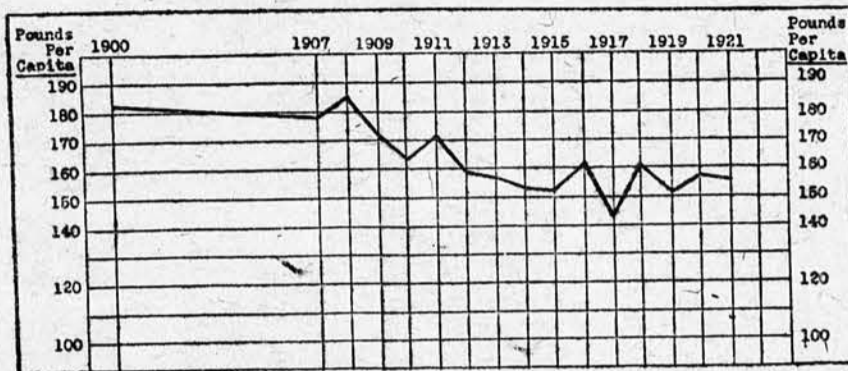
## Per Capita Meat Consumption

Of no small interest to stockmen is the fact that a careful analysis of official figures on the consumption of meat in the United States shows that contrary to the usual opinion consumption per capita is not increasing, although the rate of decrease, however, seems to have been checked somewhat.

In 1900, consumption per capita was 181.5 pounds. During 1921, the last year for which complete figures are available, it was 156.2 pounds. The year of lowest meat consumption per capita was 1917, a war year, in which we were urged to go without meat whenever possible so that the soldiers abroad might have a full meat ration. This naturally resulted in an abnormally low consumption in this country. In 1918, following the campaign to increase pork production, the supply of meat was large, and consumption increased considerably. In 1919, consumption decreased again. In 1920, it gained about 7 pounds per capita, but declined in 1921, and also declined substantially during 1922, according to the most recent figures from the Bureau of Animal Industry on the consumption of meat produced under federal inspection—those for the nine months ending with September.

## Trend is Downward

That the trend of meat consumption is not upward also is evident from the fact that the average consumption per capita for the four years which follow 1917, an abnormal year, was virtually the same as the average for the four years which preceded 1917. This comparison does not include the year



Annual Consumption of Meats and Lard of the Nation According to Estimates of the U. S. Department of Agriculture from 1900 to 1921

1922, for which complete figures are not available, but during which, according to figures for nine months, the consumption of federally inspected meat alone has decreased about two pounds per capita, as compared with 1921.

The accompanying graph tells the story. There are no accurate figures available between 1900, the census year, and 1907, the year federal meat inspection was started.

## Farm Products Show Advances

Farm prices of cotton, corn and wheat have continued to advance, but other products except eggs about holding their own. Purchasing power index for December improved over November in the case of cotton, corn, wheat, butter and wool, and declined in the case of hay, swine and eggs. Potatoes and beef cattle remain practically unchanged. The general index of purchasing power of farm products in terms of other commodities which farmers buy advanced two points and stood at 68 for December, and no doubt will show some advance for January.

## Livestock Trade Unsettled

Livestock markets at Kansas City this week are somewhat unsettled, and hogs are considerably lower.

Cattle prices this week fluctuated within a 35 to 50 cent range and closed with practically no net change from last week's final quotations. There were showings of both weakness and strength in the trade, but the general inability of any decided change either way indicates that the market is on a fairly stable basis. Hogs advanced some Monday and in the next three days showed a sharp decline but rallied slightly today. Lambs advanced 25 cents, but were unable to retain the gain.

Receipts this week were 34,700 cattle, 5,325 calves, 74,500 hogs, and 26,900 sheep, compared with 39,200 cattle, 5,850 calves, 70,335 hogs, 28,900 sheep, last week, and 35,150 cattle, 5,390 calves, 45,400 hogs, and 28,250 sheep a year ago.

## Best Steers Bring \$9.70

Cattle receipts this week fell short of the corresponding period last year for the first time in several months past, and in a large degree this de-

crease caused a final rally in the market that left no net decline for the week. The extreme price movement was within a 35 to 50 cent range, most of the decline coming early in the week. The best steers were sold at \$9.25 to \$9.70, and they showed good quality and had been fed 100 to 120 days. Nothing prime was offered. The bulk of the fed steers sold at \$8 to \$9. Some common steers that cost \$3.25 and \$3.50 when taken out last fall, and fed 90 to 100 days brought \$6.50 to \$7, and better quality warmed up classes brought \$7.25 to \$7.75. Some 1,525 pound stags brought \$8. Veal calves were strong to 25 cents higher, extreme top \$11.50. Cows and heifers were steady.

Early in the week prices for stockers and feeders were 15 to 25 cents higher, but later the market was back to last week's close. There was a better clearance this week.

## Hogs Top Market at \$8.20

After a sharp rally early in the week hog prices sunk to the lowest level of the year on Thursday, but rallied 10 to 15 cents next day and closed the week 5 to 10 cents net lower. The top price was \$8.20, and bulk of sales were \$3 to \$3.15. Packing hogs sold at \$6.85 to \$7, or 10 to 15 cents above Thursday. Pigs brought \$7.50 to \$7.85. The hog prices are lower there is no indication that outlet for pork has diminished or that supply channels have become clogged.

## Sheep and Lambs

Trade in sheep and lambs was active and while prices fluctuated moderately, there was no quotable net change. Offerings were absorbed easily. Fat lambs are quoted at \$13.50 to \$14.05, clipped lambs \$11.50 to \$12.25, wethers \$8 to \$9, and ewes \$7 to \$8.25. Feeding lambs sold at \$14 to \$14.60. One band of 2,700 lambs went to feeders at \$14.25.

## Horses and Mules

The few horses sold at Kansas City went at about steady prices. Due to cold weather in the Southern states demand for mules slackened and prices were slightly lower.

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 13½ to 14 hands high, \$50 to \$90 apiece; 14 to 14½ hands, \$50 to \$100; 15 to 15½ hands, \$90 to \$150; 15½ to 16 hands, \$100 to \$175; extra big mules, \$150 to \$225.

## Hides and Wool Steady

Hides and wool at Kansas City this week are steady and unchanged. The following prices are quoted:

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.

## Dairy and Poultry

Butter this week is about 1 cent higher but the egg market is weak. Live poultry is lower. The following prices are quoted at Kansas City:

Eggs—27½ to 28c a dozen; seconds, 24c; selected case lots, 34c.

Live Poultry—Hens, 22 to 25c a pound; springs, 25c; broilers, 30c; stags, 12c; roosters, 10c; capons, 25 to 27c; turkey hens, 30c; old toms, 25c; geese, 13c; ducks, 16c.

Butter—Creamery, extra, in cartons, 51 to 52c; packing butter, 26c; No. 1 butterfat, 45c; No. 2 butterfat, 41c a pound.

## Kansas City Grain Sales

Trade in wheat this week was light and more or less disturbed by rumors of danger of war between England and Turkey and also of trouble between France and Germany. Under these influences and unfavorable crop reports from many sections grain prices turned up. Wheat futures showed advances for the week of 4 to 4½ cents a bushel for May and from 2 to 2½ cents for July and September deliveries.

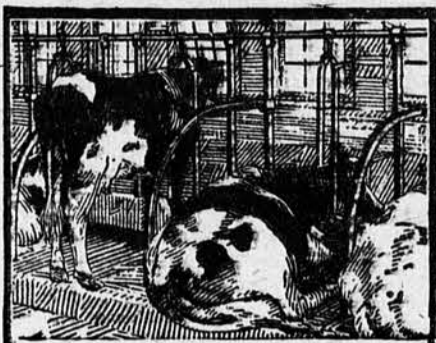
Sales of wheat to Europe from North America were about 3½ million bushels which was the smallest reported for several weeks. Most of this was sold by Canada. Actual shipments and exports of both wheat and flour from the United States and Canada last week showed a total of 5,531,000 bushels or about a million bushels more than for the corresponding week of last year.

Coarse grains last week at Kansas City displayed considerable strength and corn futures reached new high levels for the year. The week's export sale of corn is estimated at 2 million bushels. Actual shipments from the United States last week showed a total of 2,096,000 bushels as compared with 1,811,000 bushels of the preceding week, and 5,294,000 bushels a year ago.

The following quotations on grain futures are reported at Kansas City: (Continued on Page 24)



Activities of Al Acres—Al's Maple Sirup Will be High This Season If He Charges in His Overhead



### Give Your Cows a Chance!

Cows produce a heavier flow of milk when kept in comfortable, sanitary quarters. They waste less feed, require less work and are not so susceptible to disease.

Whether your herd is large or small, give your cows a chance to produce to full capacity and pay larger profits with less waste and less work—safeguard yourself against heavy loss from disease—with sanitary pasture comfort.

## LOUDON

### Steel Stalls and Stanchions

Most sanitary—no germ-holding crevices with famous Loudon dust-proof couplings. Simple correct design of Loudon Stalls makes cleaning, dirt-catching attachments unnecessary. So strong they will last as long as the barn stands.

Loudon Swinging Stanchion gives cow pasture comfort in the barn, allows her to freely turn her head and card herself, to lie down naturally and rest with head against side of body and to get up with greatest ease. The most perfect cow-tie made and only one that can successfully be used with high built-up manger curb, which prevents cow from wasting feed by working it back on to the stall floor—a great saving in itself each year.

### GET THESE TWO FREE BOOKS

Loudon Catalog—Its 224 pages picture and describe more than 100 labor-savers for the barn. Loudon Barn Plan Book—A 112-page encyclopedia of extremely helpful barn-building information. Shows how to get a better all-around barn at less cost. Both books sent free to farmers upon request, no cost or obligation. Write for them today.

The Loudon Machinery Company  
81 Court St. (2nd floor) Fairfield, Iowa

**\$7.50** After 30 Days Free Trial



30 days' free trial—then, if satisfied, only \$7.50 and a few easy payments—AND—the wonderful Belgian Melotte Separator is **YOURS**.

### No Money Down!

Catalog tells all—write. **Caution!** U.S. Bulletin 201 shows that vibration of the bowl causes cream waste! The Melotte bowl is self-balancing. Positively cannot get out of balance, therefore cannot vibrate. Can't tremble cream with milk. The Melotte has won 1st Grand and International Prizes.

### Catalog FREE

Write for new Melotte catalog containing full description of this wonderful cream separator and the story of it. Just say you want a separator and you have found out all you can about the Melotte and we'll send you our latest literature which is infinitely stronger than any separator guarantee. Write TODAY.

The Melotte Separator, H. B. Babson, U.S. Mgr.  
Dept. 2972, 2843 W. 13th Street, Chicago, Ill.

### Color Your Butter

"Dandelion Butter Color" Gives That Golden June Shade and Costs Really Nothing. Read!

Before churning add one-half teaspoonful to each gallon of cream and out of your churn comes butter of Golden June shade to bring you top prices. "Dandelion Butter Color" costs nothing because each ounce used adds ounce of weight to butter. Large bottles cost only 35c at drug or grocery stores. Purely vegetable, harmless, meets all State and National food laws. Used for 50 years by all large creameries. Doesn't color butter milk! Tasteless. Wells & Richardson Co., Burlington, Vt.



**EMPIRE**  
WAGONS  
STEEL WHEELS  
Low steel wheels (plain or grooved wide tires) make loading and hauling easier. Steel wheels to fit any axle carry any load. Make any wagon good as new. Reduced prices Catalog Free. Empire Mfg. Co., Box 375 Quincy, Ill.

# Dairy Meet at Manhattan

Farmers, Breeders and Stockmen Who Were at K. S. A. C. Urge More and Better Milk

BY J. H. FRANDSEN

**Y**EAR by year in every way one notices a greater interest and more definite progress in Kansas Dairy development. Those who took time to visit the partially completed new dairy building on the campus of the Kansas State Agricultural College and then reflected that it's only 30 years since the dairy department of the Kansas State Agricultural College was practically housed in a two-stall room in an old barn, and that about the only equipment it owned was a Babcock tester and some milk sheets, needed no further evidence of the rapidity of its growth.

This wonderful growth of the dairy industry in Kansas is largely due to the untiring efforts of the Kansas State Dairy Association, declared Tom Borman, a native Kansan, who for many years was actively associated with early Kansas dairying. In his talk before the Kansas State Dairy Association he recalled one of the early Kansas experiments begun when the dairy officials of the college purchased a number of grade cattle from different places in the state. These cattle cost on the average of \$40 a cow.

They were brought to the Kansas Agricultural College. These cows were fed right, and given good care. These animals later proved the early ideas of these experimenters by responding to this better feed and care by giving an annual production of 8,000 pounds of milk. This was one of the first experiments according to Mr. Borman, that showed that the average annual production of our ordinary cows by good care and feed can be raised from 3,500 pounds of milk a year to something like 8,000 pounds a year. Perhaps this experiment was one of the factors that gave the dairy business of the state the first great impetus.

### Milk as a Food

In considering food and its relation to nutrition and health experience is a good teacher, said Miss Hoover, specialist with the dairy division in her address to the dairymen. "The Creator in His plan of life has provided milk for all animals." During the most rapid period of growth it is the sole food. So efficient is milk, said Miss Hoover, that a baby will double its weight in 180 days with no other source of nourishment. A colt will double its weight in 60 days, and a calf in 47 days, and a pig in 14 days. Continuing, she said during the last decade we have learned much regarding the phenomenal growth and health promoting powers of milk, and the protective substance known as vitamins, and the three vitamins are all contained in milk. Miss Hoover strongly advocated an increased use of milk for both children and adults.

### Better Feed Methods

Professor C. R. Gearhart, in speaking of feeding the dairy cow said: "To insure profitable milk production two things are necessary; a productive dairy cow and a liberal feeding system. The main object in feeding a cow is to get the largest and most economical milk production possible."

"The first use that a cow makes of her feed is in maintaining her own body, and the amount of feed necessary for this is called a maintenance ration. All feed in excess of this amount will go into the production of milk, up to the limit of the cow's natural capacity to produce. Too often there is a tendency to underfeed, especially during the summer when the cow is on pasture. A good cow will produce well for a time, even on poor feed, at the expense of her own body, but she cannot maintain high production for any great length of time."

"In making up a dairy ration the following points must be considered: 1—Economy; 2—Balance of nutrients; 3—Palatability; 4—Bulk; 5—Succulence; 6—Variety."

### Disease Prevention

Dr. R. R. Dykstra, dean of the veterinary division, in his talk before the dairymen stressed the importance of preventive measures. He said that such

diseases as abortion and tuberculosis could be controlled easily when the proper sanitary measures are observed. He said that all suspicious cows should be carefully quarantined during the period of freshening, and that all after-birth material should be carefully burned or disinfected.

The tuberculin test, Doctor Dykstra insists, is 98 per cent perfect, and should be used by all dairymen as a means of discovering the possible tubercular cow.

### Dairy Association Elects New Officers

The following named persons were elected officers in the Kansas Dairy Association for the coming year: James Linn, Manhattan, president; J. J. Corkill, Topeka, vice president; C. R. Gearhart, Kansas State Agricultural College, secretary-treasurer.

The new board of directors elected at the Manhattan meeting are as follows: James Linn, Manhattan; C. R. Gearhart, Kansas State Agricultural College; L. E. Best, Wichita; P. E. Chism, Wichita; Fred Meyers, Kansas City; W. H. Perkins, Pittsburg; George Newlin, Hutchinson; V. W. Miller, Lawrence; C. C. Coleman, Sylvia; R. A. Gilliland, Denison; G. L. Taylor, Omega; V. A. Branch, Marion; W. H. Mott, Herington.

### Franklin Wins Better Bull Contest

By replacing 161 scrub bulls with purebreds during 1922, Franklin county farmers won the Kansas Better Bull Contest conducted by the Kansas City Chamber of Commerce and the county farm bureau was awarded first prize of \$1,000. Joe Robbins, county agent, conducted the campaign in Franklin. Rawlins county, Carl Carlson, county agent, placed second with 123 replacements while third prize of \$300 went to Clay county, R. C. Euntis county agent. This county got rid of 108 scrub bulls.

Altho it does not have a county agent, Decatur county ran Clay a close race and won fourth place with a record of 107 bulls replaced. The prize of \$200 was awarded to the Decatur County Livestock Improvement Association. H. C. Vavrock, secretary. Honorable mention was made of the following counties: Norris, 79 replacements; Cherokee, 72; Osage, 63; Ford, 44; Bourbon, 39; and Cowley, 34.

During the contest 1,029 scrub and grade bulls were replaced by 552 Shorthorns, 304 Herefords, 85 Holsteins, 28 Jerseys, 16 Guernseys, 11 Angus, 5 Ayrshires, 2 Brown Swisses, and 1 Durham.

The contest was under the supervision of a committee from the Kansas State Agricultural College, consisting of Harry Umberger, chairman, Dr. C. W. McCampbell, Prof. J. B. Fitch, R. W. Kiser, L. C. Williams and Karl Knaus.

G. W. Catts, agricultural commissioner for the Kansas City Chamber of Commerce, announced that another contest would be held this year.

### Guernsey Breeders Reorganize

The ambitious Guernsey people are leaving no stone unturned to make Kansas people familiar with their breed. They have sent out much publicity material calling attention to the merits of Guernseys, and they are organizing to give assistance to new people desiring more information regarding Guernsey cows. They now have more than 50 breeders of purebred Guernsey cattle located in many different places in Kansas. M. V. B. Van De Mark, Concordia, Kan., was elected president, V. W. Miller of Lyons, Kan., vice president, and George M. Newlin, Hutchinson, Kan., secretary-treasurer.

### 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.



**All the Gold mined since 1885 would be required to pay for One Year's Dairy Products.**

The United States is a great gold producing country; and yet, according to Dr. Larson, head of the U. S. Dairy Division, it would require all the gold produced in the United States since 1885, up to the present time, to pay for the farm value of one year's dairy products.

### Dairying Pays Best

During 1922, grain marketed through dairy cows has returned its owner 32% more than if marketed through beef animals; 28% more than if marketed through hogs, and 41% more than if marketed as grain.

Yet in spite of this enormous production and relatively greater profit, dairying has not been overdone. Dairy products are higher in price than a year ago, there are less in storage, and consumption is steadily increasing.

### Cream is Gold

If every cream separator user thought of gold in place of cream, every separator would be selected only on the basis of greatest skimming efficiency and durability, and not for some "talking point" or "low price." No one would deliberately throw gold away, and yet there are hundreds of thousands of worn-out and inferior cream separators in use today, wasting cream twice a day, 365 times a year.

### De Laval the Best

The De Laval is the world's greatest cream saver, as proved by the fact that there are more in use than all other makes combined—that 98% of the best creameries use De Laval—that they are used and endorsed by dairy authorities and leading dairymen everywhere—and have won thousands of contests and over 1060 grand and first prizes.

It is the best and the cheapest cream separator. One can be bought on such easy terms that it will pay for itself in less than a year. Why not see your De Laval Agent at once, or write us for full information?

**The De Laval Separator Co.**  
NEW YORK CHICAGO SAN FRANCISCO  
165 Broadway 29 E. Madison St. 61 Beale St.

**\$24.95** Upward **American CREAM SEPARATOR**

On trial. Easy running, easily cleaned. Skims warm or cold milk. Different from picture which shows larger capacity machines. Get our plan of easy **MONTHLY PAYMENTS** and handsome free catalog. Whether dairy is large or small, write today.

**AMERICAN SEPARATOR CO.**  
Box 7092 Bainbridge, N. Y.

**USE A LOG SAW!**

This outfit easily cuts 15 cords a day, falls trees, buzzes up branches. Does work of many men.

**OTTAWA 1923 F.O.B. Ottawa \$97.25, MODEL Pittsburgh**

Easy to move. Mechanically Operated Valves, Throttling Governor, Burns Kerosene. Write today for Free Book.

**OTTAWA MFG. CO.**  
1461-P Wood St., Ottawa, Kan.  
Room 1461-P, Maple Bldg., Pittsburgh, Pa.

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Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

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11.....	1.10	2.32	27.....	2.70	8.64
12.....	1.20	2.54	28.....	2.80	8.96
13.....	1.30	2.76	29.....	2.90	9.28
14.....	1.40	2.98	30.....	3.00	9.60
15.....	1.50	3.20	31.....	3.10	9.92
16.....	1.60	3.42	32.....	3.20	10.24
17.....	1.70	3.64	33.....	3.30	10.56
18.....	1.80	3.86	34.....	3.40	10.88
19.....	1.90	4.08	35.....	3.50	11.20
20.....	2.00	4.30	36.....	3.60	11.52
21.....	2.10	4.52	37.....	3.70	11.84
22.....	2.20	4.74	38.....	3.80	12.16
23.....	2.30	4.96	39.....	3.90	12.48
24.....	2.40	5.18	40.....	4.00	12.80
25.....	2.50	5.40			

## RELIABLE ADVERTISING

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 reach the buyer unbroken or 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 order 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

HUNDREDS OF DOLLARS SAVED. TRICK-ley Watch guard 50c. 613 Ashton Bldg. Rockford, Ill.

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

AGENTS SELL FRENCH FLOW POINTS. No welding. Farmer puts them on. Outwear three welded points. A. J. H. Chapman, 1333 Cherokee St., Denver, Colo.

## BUSINESS OPPORTUNITIES

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 200, Capper Bldg., Topeka, Kansas.

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. This does not apply to real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five sections: Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

Please discontinue my plant advertisement. Am getting so many orders from your ad am unable to take care of them all.—C. R. G.

Patronize those who use these classified columns and let them know that you saw their ad in this paper.

## HELP WANTED—MALE

WANTED RELIABLE MARRIED MAN FOR general farm work. Ora Hinks, Munden, Kan.

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BECOME RAILWAY MAIL CLERKS. \$1600-\$2300 year. Sample coaching lessons free. Franklin Institute, Dept. P15, Rochester, N. Y.

## FOR SALE OR TRADE

FORD TOURING CAR FOR SALE OR trade for tractor. A. B. Tomson, Route 5, North Topeka, Kan.

FOR TRADE: AVERY TRACTOR 12-25 and 2 bottom 18 inch plows. Will trade for car in good condition or young horses. James Johnston, Route 3, Tonganoxie, Kan.

## FOR SALE

100—EACH OF LETTER HEADS AND ENvelopes printed postpaid \$1.50. Cash with order. Order today. Frank Witt, Caldwell, Kan.

## PATENT ATTORNEYS

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

INVENTORS WRITE FOR OUR ILLUstrated 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., 825 Ninth, Washington, D. C.

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PATENTS—BEFORE SUBMITTING INvention, 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, 331 McGill Bldg., Washington, D. C.

PATENTS PROCURED. SEND SKETCH or model today for examination, prompt report and advice. No charge for preliminary advice. Write for free booklet and blank form on which to disclose your idea. Highest references. Promptness assured. Clarence A. O'Brien, Registered Patent Lawyer, 743 Southern Building, Washington, D. C.

## TYPEWRITERS

TYPEWRITERS. TRIAL; PAYMENTS; guaranteed five years. Josephine Yotz, Shawnee, Kan.

REBUILT TYPEWRITERS. ALL MAKES. Sold, rented, repaired, exchanged. Fire proof safes. Adding machines. Jos. C. Wilson & Co., Topeka, Kan.

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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 Feed Seeds, St. Louis, Mo.

## SEEDS—PLANTS—NURSERY STOCK

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

PRIDE OF SALINE SEED CORN. \$2.00. Carl Stirtz, Abilene, Kan.

INSPECTED KANOTA OATS, \$1.00. W. D. Essmiller, Great Bend, Kan.

INSPECTED KANOTA OATS, \$1.00 BUSH-el. L. C. Swihart, Lovewell, Kan.

SWEET POTATO SEED—YELLOW JERsey. H. C. Hays, Manhattan, Kan.

BROME GRASS SEED—12c LB. SAMPLE free. R. E. Ballard, Formosa, Kan.

SOY BEANS FOR SALE, SABLE, \$3.00 bushel. L. C. Thomas, Humboldt, 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.

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

KANOTA OATS, RECLEANED, \$1.25; smut-treated, \$1.35. Taylor & Sons, Chapman, Kan.

RECLEANED CLOVER SEED \$13.00 BUSH-el; Timothy \$3.75. Guy Tredway, La Harpe, Kan.

CERTIFIED PURE SEED, KANOTA OATS, three varieties corn. Laptad Stock Farm, Lawrence, Kan.

WANTED: TWENTY-FIVE BUSHel Whippoorwill Cowpeas. F. W. Henning, Great Bend, Kan.

SUDAN, RED CLOVER, CANE, PINK, Red, White Kafir. All quality seed. D. O. Gifford, Burlington, Kan.

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

PRIDE OF SALINE AND COMMERCIAL White seed corn, \$2.00 per bushel. C. C. Cunningham, Eldorado, Kan.

REGISTERED GRIMM'S EVERLASTING alfalfa seed, 99% pure, .01 germination, 40 cents pound. A. L. Orr, Montrose, Colo.

DWARF MILO MAIZE. WRITE FOR price and germination. Seed is pure as can be grown. Thos. Burch, Selkirk, Kan.

SQUASH SEED, MOUNTAIN GROWN, GEN-uine Hubbards. Postpaid, pound 90c, ounce 10c. Plateau Seed Farms, Colbran, Colo.

CHOICE SEDAN SEED \$13.50; MAIZE Kafir, \$3.00; cane \$7.00; per hundred. All recleaned, sacked. W. M. Green, Dalhart, Texas.

DO YOU NEED PASTURE? SWEET CLO-ver, permanent, nutritious, heavy yield-ing, cheap. Information. John Lewis, Vir-gil, Kan.

CERTIFIED PRIDE OF SALINE, AND Freed's White Dent corn \$2.00, and Black-hull Kafir \$1.75 per bushel. Bruce S. Wil-son, Keats, Kan.

CLOVER SEED \$11.00; BOONE COUNTY White Seed corn \$2.00. Strawberry plants 60 cents. All extra good. Frank Renzen-berger, Garnett, Kan.

ALFALFA SEED: RECLEANED, NON-IR-rigated at \$9.00-\$10.50 and \$12.60 per bu. White Bloom Sweet Clover \$7.50—sacrificed \$8.40 per bu., our track, bags 40c. All kinds Kafir, cane, millet and flax. Samples on request. The L. C. Adam Merc. Co., Cedar-vale, Kan.

See if you cannot find just what you want in these columns. The advertisers are reliable and will appreciate your patronage.

## SEEDS—PLANTS—NURSERY STOCK

CANE SEED \$2.00 PER BUSHEL; SUDAN \$14.00 cwt., Kafir \$1.35 bushel, Millet \$1.35 per bushel, sacks furnished. Holzer Produce Co., Russell, Kan.

PURE PEDIGREED HOME ILLINOIS farm grown, Government endorsed, broom corn seed. Write Fanning Broom Corn Seed Co., Main Floor Fanning Block, Oakland, Ill.

FOR SALE—CERTIFIED SEED OF KAFIR, Sorgho, Milo Maize, Corn, Sudan Grass and Kanota Oats. For list of growers write the Kansas Crop Improvement Association, Man-hattan, Kan.

DEPENDABLE FRUIT AND SHADE trees, shrubbery, small fruits, roses, vines, perennials, plants, bulbs and supplies. 48 page catalog free. Hutchinson Nurseries, Kearney, Neb.

PEACH AND APPLE TREES—5 CENTS and up. Grape vines, 3 cents up. Other fruits, berry plants and ornamentals are lower this season. Catalog free. Benton County Nursery Co., Desk C, Rogers, Ark.

TREES, SHRUBS, EVERGREENS, PEON-ies, Iris, Roses, Grapes, berry plants. Standard varieties, reliable stock at reason-able prices. Catalog free. J. W. Hinshaw & Sons, Eureka, Kan.

PLANTS: FLOWER, VEGETABLE, VINE, bulb plants; choicest varieties, expert grown, delivered you at planting time, mail or express prepaid. Send name for circular. Weavers Gardens, R. 9, Wichita, Kan.

SEED SWEET POTATOES; FREE OF disease. Four varieties: Porto Rico, Red Bermuda, Nancy Hall, Yellow Jersey. For early orders, Porto Rico \$5.00 per 100 lbs. Others at \$4.00. Plants for sale in season. C. R. Goerke, Sterling, Kan.

FRUIT TREES GREATLY REDUCED prices. Direct to planters. No agents. Peaches, apples, pears, plums, cherries, grapes, berries, nuts, pecans, mulberries. Ornamental trees, vines and shrubs. Free 64-page catalog. Tennessee Nursery Co., Box 131, Cleveland, Tenn.

FREE: SEND FOR FREE BOOK ON HAR-dy trees, plants, shrubs, vines and seeds, from the heart of the Ozarks. Ideal for reference. Lists hundreds of varieties at low prices; directions for planting; special of-fers, etc. Book free; write today. Arkansas Seed & Nursery Co., Dept. G2, Fayetteville, Ark.

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 plant-er. Wichita Nurseries and Seed House, Box B, Wichita, Kan.

TWELVE WELCH'S CONCORD GRAPE-vines 2 years \$1. 36 1 year \$2. 25 ru-barb \$1. 100 asparagus \$1. Ten Early Rich-mond Cherries \$4. Ten Compass \$3. Ten Kleffer pears \$3. Ten Elberta Peach \$2.50. Ten Apple \$2. Ten Elm \$1. Good 3 to 4 foot trees. 100 Early Harvest Blackberries \$2. 100 Progressive and 200 Dunlap Strawberry plants \$2. (Prepaid.) Checks accepted. Cat-alog free. Welch Nursery, Shenandoah, Iowa.

## TOBACCO

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

NATURAL LEAF TOBACCO, CHEWING 5 pounds \$1.75; 10 pounds \$3.00; 20 pounds \$5.00. Smoking 5 pounds \$1.25; 10 pounds \$2.00. Pay when received. Tobacco Growers' Union, Paducah, Ky.

KENTUCKY TOBACCO; BEST OBTAIN-able. 3-year-old leaf. Free flavoring and directions. Pay for tobacco and postage when received. Chewing 10 lbs. \$3.25; smok-ing 10 lbs. \$2.75. Old Honespun Co., Hawes-ville, Ky.

KENTUCKY NATURAL LEAF TOBACCO. Chewing 5 pounds \$1.75; 10 pounds \$3.00; 20 pounds \$5.25. Smoking 5 pounds \$1.25; 10 pounds \$2.00. Send no money. Pay when re-ceived. Farmers Co-operative Tobacco Union, Paducah, Ky.

HONESPUN TOBACCO, CHEWING, 5 pounds \$1.75; 10 pounds \$3.00; 20 pounds \$5.25. Smoking, 5 pounds \$1.25; 10 pounds \$2.00; 20 pounds \$3.50. Send no money; pay when received. Co-operative Tobacco Grow-ers, Paducah, Ky.

NATURAL LEAF—FOUR YEARS OLD, unexcelled quality and flavor. 5 lbs. chew-ing \$1.50; smoking \$1.25; second grade smoking 6 lbs. \$1.00; 10 lbs. \$1.50. Pay for tobacco and postage when received. Farmers' Exchange, Hawesville, Kentucky.

TO INTRODUCE OUR OLD MELLOW AND sweet flavored Kentucky Smoking and Chewing Tobacco, we will sell you 10 lbs. very best 3-year-old mild smoking for \$1.35; 10 lbs. very best Bury and Green River mixed for \$2.00; 10 lbs. very best 3-year-old chewing for \$3.25. A genuine French briar pipe free with every order. Satisfaction guaranteed. Send no money. Pay for to-bacco and postage on delivery. Kentucky Tobacco Co., Box 618, Owensboro, Ky.

## MACHINERY FOR SALE

TWO ABSOLUTELY NEW 12-25 WATER-loo Boy Tractors, \$600.00 each. James Weller, Holton, Kan.

18x36 AVERY TRACTOR NEARLY NEW; John Deere plow, 4 bottom; McCormick combine thresher. A. M. Lawson, Nekoma, Kan.

FOR SALE—AN AVERY 22 H. UNDER-mounted engine, a 36-60 Avery Separator. C. W. Borchardt, 427 W. 8th St., Junction City, Kan.

FOR SALE: ONE COMPLETE RUMELY threshing outfit consisting of a 16-30 en-gine, a 28-41 separator, oil tank and wagon, and 4 bottom Grand Delour plows. This out-fit is nearly new and will be sold at a bargain. If interested call or write, Ander-son & Jackson, Greenleaf, Kan.

## MACHINERY WANTED

JOHN DEERE MANURE SPREADER, SEC-ond hand, wanted. Wm. F. Perkins, Oswe-go, Kan.

## KODAK FINISHING

ROLL AND 25 CENTS GETS SIX VELOX prints. Quick service. Kodak Shop, Gard-ner, Kan.

TRIAL ORDER—SEND 25c AND ROLL for 6 beautiful glossstone prints or 6 re-prints. Fast service. Day Night Studio, Sedalia, Mo.

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Mail This to  
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Topeka, Kansas

Rate: 10 cents a word on single insertion; 8 cents a word each week if ordered 4 or more consecutive weeks.  
Minimum charge is \$1.

Count initials or abbreviations as words

## Fill This, Please!

Your Count of ad.....Words

No. times to run.....

Amount enclosed \$.....

Place under

heading of.....

(Your Name)

Route

(Town)

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NOTE: Count your name and address as part of advertisement.

## FOR THE TABLE

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

**34 POUNDS FULL CREAM CHEESE** \$1.65 postpaid in Kansas. Roy C. Paul, Moran, Kan.

**"BREAK-FOOD"**—WHEAT FOOD WITH bran and germ left in. Not sterilized therefore natural flavor. Delicious, healthful, economical. "Wheat-Mide"—breakfast food, delicious, appetizing, economical. Natural flavor (not sterilized). Both made fresh, as ordered. 10 lbs. of either food \$1.00 (br. 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.

## HONEY

**PURE EXTRACTED HONEY, 10 LBS.** \$2.00; 5 lbs. \$1.10, prepaid. Frank Van Haltern, Wathena, Kan.

**HONEY—PURE EXTRACTED, 60 LBS.** \$6.50; 120 lbs. \$12.00, at Greeley, J. R. Lindahl, Box 939, Greeley, Colo.

**FINEST LIGHT EXTRACTED HONEY 28 lb. can** \$3.50; 60-lb. \$6.50; 120-lb. \$12.00; here. Frank H. Drexel & Sons, beekeepers, Crawford, Colo.

## MISCELLANEOUS

**FOR SALE: CAR HEDGE POSTS.** E. L. Crumpacker, McPherson, Kan.

**FOR SALE: HEDGE POSTS IN CAR LOTS.** Walter Ellison, Cherryvale, Kan.

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

**FOR SALE: ONE CARLOAD HEDGE POSTS.** George Hunsinger, Route 4, Lawrence, Kan.

**TELL THREE FRIENDS WE TRADE** phonograph records and rolls. Send their names and 12 cents for 8 games, prepaid. Fuller, Wichita, Kansas.

**PHONOGRAPH RECORDS, EDISON AND others.** Latest hits. All languages. Write for catalogs and name your machine. William Ritt, Dept. C.P., St. Peter, Minn.

**HERE'S GOOD RADIO NEWS: A GUARANTEED** detector and one-stage amplifier receiving set with a range of the United States for only thirty dollars. H. & H. Co., Lincolnville, Kan.

**AUTOMOBILE MECHANICS, OWNERS,** garagemen, repairmen, send for free copy America's Popular Motor Magazine. Contains helpful instructive information on overhauling, ignition, wiring, carburetors, batteries, etc. Automobile Digest, 622 Butler Bldg., Cincinnati.

## STRAYED NOTICE

**TAKEN UP BY G. T. KING OF SPRING** Valley Township, Cherokee County, Kansas, on December 15th, 1922, one horse mule, 7 years old, 15 hands high, mouse color, value \$75. E. R. Pattison, County Clerk, Columbus, Kan.

**TAKEN UP BY F. G. MILLER OF LIBERTY** Township, Harper County, Kansas, on November 6, 1922, one heifer, weight about 300 lbs. red with white spots under bit on left ear. C. E. Kennedy, County Clerk, Anthony, Kan.

**TAKEN UP IN GREEN TOWNSHIP,** Harper County, Kansas on January 24, 1923, one bay horse, 15 hands high, weight about 1100 lbs., with spot in forehead, no other brands. C. E. Kennedy, County Clerk, Anthony, Kan.

## DOGS AND PONIES

**FOR SALE: FINE WOLF HOUNDS.** E. Ward, St. John, Kan.

**FOX TERRIERS, COLLIES, BULL DOGS,** pups a specialty. L. Poos, Dearborn, Mo.

**WANTED: 50 WHITE ESQUIMO-SPITZ** puppies every week. Also other breeds. Brockway's Kennels, Baldwin, Kan.

**GERMAN SHEPHERD: AIREDALES; COL-** lies: Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, Box 31, Macon, Mo.

**SCOTCH COLLIE AND ENGLISH SHEP-** herd puppies, from natural breeders. Shipped on approval. Send stamp for description and prices. H. W. Chestnut, Chanute, Kan.

**SCOTCH COLLIES: OVER 100 HEAD TO** select from. A combination of over 25 years breeding of the choicest imported strains. Illustrated circular free. H. H. Harvey Dog Farm, Clay Center, Neb.

**THREE BLACK TAN HOUND PUPS \$8.00** each. Walker Female, fast. \$20.00. Brood female. \$20.00. 9 pups, two-thirds blood. One-third cur. parents fur getters. \$5.00 pair. Stamp. R. A. Gregg, Yates Center, Kan.

## POULTRY

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

## ANDALUSIANS

**BLUE ANDALUSIAN EGGS, \$1.50, 15: \$9.00** per 100. State certified. Chas. C. Miller, White City, Kan.

**BLUE ANDALUSIAN EGGS, FROM PRIZE** winning stock, \$1.50 setting. M. A. Kirkwood, Natoma, Kan.

**BLUE ANDALUSIAN COCKERELS, FROM** heavy prize winning stock, \$2.00 to \$5.00. Ella Briscoe, Lincoln, Kan.

**GUARANTEED BLUE ANDALUSIANS: THE** big kind that lays a big white egg. \$1.25 setting, \$7.50 hundred. A. E. Neufeld, Route 1, Inman, Kan.

**AMERICAN CHAMPION BLUE ANDALU-** sian stock: settings, prices reasonable. Get the best for your money. Treweek, 68 South Clarkson, Denver, Colo.

**I am well pleased with results of ad-** vertising in your paper. The ad has just run one week and I have sold all my turkeys. I was sure surprised at getting so many orders so quick.—M. C.

## ANCONAS

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

**SINGLE COMB ANCONA COCK, COCKER-** els, Sheppard strain, choice birds. Nelson Bros., Waterville, Kan.

**ANCONAS: STATE FAIR WINNERS.** Chicks 18 cents. Cockerels, Theron Tibbitts, Richland, Kan.

**PAGE'S ANCONA FARM, SALINA, KAN-** sas. Cockerels, eggs. Most liberal guarantee. Oldest breeder in Kansas. Member both clubs.

**CHOICE EARLY HATCHED ANCONA** pullets, \$1.00. Sheppard strain. Chicks 15 cents each. Satisfaction guaranteed. H. T. Ferguson, Severy, Kan.

**ANCONAS, SHEPPARD STRAIN, SINGLE** comb. Also Tommohlen strain Single Comb Dark Brown Leghorns, eggs, baby chicks. Resie Bucheide, Cedarvale, Kan.

**SINGLE COMB ANCONAS, SHEPPARD** direct foundation. Choice range flocks. Chicks 100-146.00; eggs 100-\$6.00. Prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

**QUALITY SINGLE COMB ANCONAS.** Champion winners, great layers. Sheppard's direct cockerels, eggs, baby chicks. Discount 500, 1000. Oakgrove Ancona Farm, Dannebrog, Neb.

## ANCONA EGGS

**ANCONAS—SHEPPARDS 331 EGG STRAIN.** Eggs 100-\$6. Nina Bastman, Buffalo, Kan.

**S. C. ANCONA EGGS, \$5.50 A HUNDRED.** 75 cents a setting, prepaid. D. N. Miller, Route 5, Hutchinson, Kan.

**ANCONA EGGS, FLOCK HEADED BY** cockerels from Glen pen. 100-\$6. Mrs. Helen Litt, Mt. Hope, Kan.

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

**SINGLE COMB HATCHING EGGS, FROM** pens that laid at 140 days. Pens sired by birds from Sheppard's Ancona Headquarters. \$6.00 hundred. Lloyd Doran, Bloomington, Kan.

**ANCONA EGGS, TWO CHOICE PENS, \$3** setting, \$5 for 32 prepaid. Range flock, eggs \$8 hundred, two hundred \$15, five hundred \$35, prepaid. Sadie Miller, Meriden, Kan.

**SINGLE COMB ANCONAS, SHEPPARD** strain. Cockerels Ash's direct. Choice range flock. Eggs 100 for \$5.00. Chicks \$14 per 100. Booking orders now. Anna Gillen, Downs, Kan.

**STEWART'S ANCONAS: RANGE FLOCK** eggs \$1.50 per setting, \$7.00 per 100, \$6.50 per 100 in case lots, prepaid, safe arrival. 90 per cent fertility. Ray E. Stewart, Sylvan Grove, Kan.

## BRAHMAS

**CLOSING OUT LIGHT BRAHMAS, COCK-** erels and pullets. J. A. Corkill, Goodland, Kan.

## BABY CHICKS

**PURE BRED CHICKS, 9c UP, CATALOG** free. Brewer's Hatchery, Minneapolis, Kan.

**SINGLE COMB WHITE LEGHORN CHICKS,** Barron strain, \$12.00 per 100. Dean Gray, Lyndon, Kan.

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

**BABY CHICKS, LEADING VARIETIES, 9** cents up. Circular free. Ideal Hatchery, Eskridge, Kan.

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

**CHICKS: REDS, ORPINGTONS, WYAN-** dottes, 12 cents. Delivery guaranteed. Ed. Gilman, Lebo, Kan.

**BABY CHICKS: S. C. WHITE LEGHORN** Tom Barron 200 egg strain: Queen Hatchery, Clay Center, Kan.

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

**ANCONA CHICKS, REAL YEAR ROUND** layers. Also other varieties. Carl Stirtz, Route 1, Ash Grove, Kan.

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

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

**PEPPY BABY CHICKS, 7 CENTS UP,** write for particulars. Chicken Little Hatchery, Lincoln, Neb.

**BABY CHIX: ROSE COMB RED, FROM** pure bred stock. Write for prices. Weavers Hatchery, Wakefield, Kan.

**SINGLE COMB DARK BROWN LEGHORN** chicks, \$12 per 100. Postage prepaid. Aulida Buck, Madison, Kan.

**1,000,000 PURE BRED CHICKS, GET OUR** 20 page catalog before ordering. Rex Poultry Co., Clinton, Missouri.

**CHICKS: S. C. WHITE LEGHORN: BAR-** ron: Hoganized, private stock. Circular. Chas. Ransom, Robinson, Kan.

**WENGER'S S. C. W. LEGHORNS, BABY** chicks 100-\$10.50, 500-\$56.00. Live delivery. prepaid. Jonas Wenger, Canton, Kan.

**PURE BRED SINGLE COMB WHITE LEG-** horn and Red Baby chicks, 12 cents. Eggs \$5.00 hundred. Essie Weed, Coats, Kan.

**CHICKS: LEADING KINDS, WRITE TO-** day for free copy large illustrated chick book. Comfort Hatchery, Windsor, Mo.

**PURE BRED—REDS, REDS, ORPING-** tons, Wyandottes, Minorcas, Leghorns. Kansas Poultry Company, Norton, Kan.

**CHICKS—TO UP, LEADING KINDS.** Postpaid. Guaranteed. Real delivery service. Colonial Hatcheries, Windsor, Mo.

**QUALITY BABY CHICKS—PURE BREDS** from tested layers. Catalog free. Republican Valley Hatcheries, McCook, Neb., Box C.

**25,000 PURE BRED CHICKS WEEKLY.** Lowest prices. Live delivery guaranteed. Catalog free. Lindstrom Hatchery, Clinton, Mo.

## BABY CHICKS

**QUALITY CHICKS, EIGHT VARIETIES,** 13c to 20c each. Flocks culled by specialist. White Leghorn Farm, Holyrood, Kan.

**BABY CHICKS, STRICTLY PURE BRED.** 12 popular breeds. Lowest prices. Circular free. Missouri Chickeries, Box MX, Clinton, Mo.

**YESTERLAND SINGLE COMB WHITE** Leghorn chicks, \$15.00 hundred, Eggs \$5.00 hundred. Mrs. Hayes Shawman, Sabetha, Kan.

**200,000 BABY CHICKS TO SELL. YOU** buy the best for the least money, guaranteed alive, from Colwell's Hatchery, Smith Center, Kan.

**BEST CHICKS, EIGHT CENTS UP, PRE-** paid, live delivery. Leghorns, Orpingtons, Rocks, Reds, Clay Center Hatchery, Clay Center, Kan.

**BARRED ROCK BABY CHICKS: \$12 PER** 100. Eggs after February 20, \$7 per 100. Guarantee 95% alive. Mrs. Chas. Forsyth, Howard, Kan.

**QUALITY CHICKS, LEGHORNS 11 CENTS:** Rocks, Reds, Anconas 12 cents. Postpaid. Thousands ready. Missouri-Kansas Hatcheries, Adrian, Mo.

**STRONG BABY CHICKS FROM WINTER** laying strain of English White Leghorns, 12 cents prepaid. March delivery. Mrs. Vent Jilka, Wilson, Kan.

**HUSKY, VIGOROUS CHICKS; ALL VAR-** ieties, prepaid. Live delivery guaranteed. Catalogue ready. Monarch Poultry Farms, Mountain View, Mo.

**SINGLE COMB WHITE LEGHORN** chicks and eggs from carefully selected flock. Quality guaranteed. Mrs. Anna Hege, Sedgewick, Kan.

**BABY CHICKS: SINGLE COMB WHITE** Leghorns. Range grown, healthy, vigorous stock. Satisfaction guaranteed. Long View Leghorn Farm, Green, Kan.

**SINGLE COMB WHITE LEGHORNS FROM** heavy winter laying strain; pure bred. Get prices; February delivery; prepaid. Myers Hatchery, Clay Center, Kan.

**SINGLE COMB WHITE LEGHORN BABY** chicks and hatching eggs from stock bred for 15 years for high winter egg production. H. P. Ikenberry, Quinter, Kan.

**CHIX, \$12.00 HUNDRED UP, BIG, FLUF-** fy, vigorous. Eight pure bred varieties. Eighth season. Circular free. Silver Spring Hatchery, Box 97, Abingdon, Ill.

**HIGHEST QUALITY BABY CHICKS—ANY** variety. Prices reasonable. Breeding stock for sale. Write for catalog. Parsons Poultry Farm Hatcheries, Parsons, Kan.

**BABY CHICKS, POPULAR VARIETIES.** Pure bred pens and small flocks, scientifically mated. All chicks acclimated before shipped. 100% delivery guaranteed. H. R. Hatchery, Box B. M., Windsor, Mo.

**STERLING QUALITY CHICKS, 14 VAR-** ieties pure bred, inspected flocks. Inspectors who know a chicken. Satisfaction positively guaranteed. Attractive prices. Catalog free. F. F. Clardy, Ethel, Mo.

**IOWA POULTRY FARM CHICKS: 12 LEAD-** ing varieties, some of Iowa's highest egg producing flocks. We hatch our own chicks, and guarantee them in every way. E. B. C. A. member. Catalog free. Iowa Poultry Farm, Muscatine, Iowa, Dept. 38.

**BABY CHICKS—SINGLE COMB WHITE** Leghorns—25,000 weekly. English and American. 180 to 250 Egg Strain. Via prepaid parcel post. Safe delivery guaranteed. Catalog free. 8th season. Miller-Matlock Hatchery, 821 Franklin St., Kirksville, Mo.

**ROSS BABY CHICKS: THREE HUNDRED** and fifty thousand strong, vigorous chicks for this season. Ten standard breeds, all Hogan tested. We hatch our own chicks. Get our catalog and prices. Live delivery guaranteed. Ross Hatchery, Junction City, Kan.

**BABY CHICKS, BARRED AND WHITE** Rocks, White and Brown Leghorns, Buff Orpingtons, White Wyandottes and Black Langshans; also eggs. Write for circular. All chicks are pure bred, hatched right, and from farm range flocks. Earl Summa, Centry, Mo.

**BABY CHICKS: PURE BRED BARRON** strain White Leghorns from prize winning Hogan tested, farm flock. Great winter layers. \$12.50 per 100. We also hatch Rocks, Reds, Orpingtons and Wyandottes. White's Hatchery, Route 4, North Topeka, Kan.

**BABY CHICKS FROM HIGH GRADE FARM** flocks. White Wyandottes, Rose and Single Comb Reds, Barred Rocks, White and Brown Leghorns. Orders for February and March delivery. Leghorns \$12.00-100, other breeds \$14.00. Postpaid. McMasters Hatchery, Osage City, Kan.

**BABY CHICKS: BARRED, BUFF AND** White Rocks, Rhode Island Reds, Buff Orpingtons, White, Buff and Brown Leghorns, Black Langshans. Pure bred, heavy egg producers. Customers report having raised 95%. Postpaid. 100% delivery guaranteed. Circular free. The Porter Hatchery, Box B, Winfield, Kan.

**GUARANTEED CHICKS AND HATCHING** eggs. Winter egg strain, English S. C. W. Leghorns highest and pedigree egg line, big type, finest equipped poultry farm, and the largest breeders in many states. Beautiful catalog ready, pictures of home plant and get acquainted with us. Grandview Poultry Farm, Decatur, Iowa.

**DAY OLD CHIX—WHITE WYANDOTTES,** Buff Orpingtons, Buff Rocks, Rose and Single Comb Reds; Buff, White and Barred Rocks; Black Langshans; Anconas; Buff, White and Brown Leghorns, 11c to 17c. 25 or more delivered alive by prepaid parcel post. Hatched right, by the electric way. E. & Z. Steinhoff & Son, Osage City, Kan.

**DEAN HARR'S BABY CHICKS, STRONG** lively chicks from strains such as Thompson, Sheppard Martin, etc., free catalogue if desired, but to assure shipment when wanted, order direct from this adv. send 25¢ cash. Leghorns 25 for \$4.25, 50 for \$8.00, 100 for \$15.00, \$500 for \$72.00, 1,000 for \$140.00. Barred Rocks, Reds, 25 for \$4.50, 50 for \$8.50, 100 for \$16.00, 500 for \$78.00, 1,000 for \$150.00. White Rocks, Wyandottes, Orpingtons, 25 for \$5.00, 50 for \$9.50, 100 for \$18.00, 500 for \$88.00, 1,000 for \$176.00. Minorcas and Anconas, 25 for \$6.00, 50 for \$11.50, 100 for \$22.00. We guarantee full live delivery and complete satisfaction. Harr Farms Co., Box D-502, Wichita, Kan.

**I have been running an ad in your** paper for the last two weeks. Will you please discontinue it as I am sold out.—H. D.

**Please discontinue my ad as my stock** is all sold for this season.—G. O. R.

## BABY CHICKS

**FAWN AND WHITE INDIAN RUNNER** ducklings and baby chicks, pure bred. Priced right. Delivery guaranteed. Windsor Hatchery, Box BM, Windsor, Mo.

**BABY CHICKS: ROCKS, REDS, ORPING-** tons, Leghorns. Orders filled year round. Reasonable prices. Ivy Nina Hatchery, Floyd Bozarth, Manager, Maple Hill, Kan.

**BABY CHICKS—BARRED ROCKS, REDS,** Orpingtons, White Wyandottes, Anconas, Leghorns, mixed breed, 10c up. Cochrane Hatchery, 3149 Sutton, Maplewood, Mo.

**CHICKS AS HARDY AS MISSOURI MULES.** Pure bred flocks carefully culled by specialist. Quality guaranteed. Nine varieties. Premier Hatchery, Warrensburg, Mo.

**CHENEY'S EGG BASKET STRAIN, ENG-** lish Barron White Leghorns, \$12.50 per 100. Hatched from eggs laid on the Cheney White Leghorn Farm, Topeka, Route 5.

**BABY CHICKS FROM HEAVY EGG PRO-** ducing strains. Live delivery guaranteed. Fifteen leading pure breeds. Catalog free. Smith Brothers Hatcheries, Mexico, Mo.

**BABY CHICKS—PURE BRED, LEADING** varieties, lowest prices, quality and live delivery guaranteed, postpaid. Catalogue. Calhoun Poultry Farms, Montrose, Mo.

**SINGLE COMB WHITE LEGHORN BABY** Chicks from good quality females mated to pure Young and Hillview cockerels, eleven cents each. Edwin Kamm, Hainstead, Kan.

**CHICKS: PURE BRED TO LAY, LEADING** varieties. Low prices. Our instructive catalogue free. We hatch our own chicks. Hubers Reliable Hatchery, Dept. A, Hiawatha, Kan.

**BABY CHICKS FROM PURE BRED, HIGH** producing stock. S. C. White Leghorns 15 cents; R. I. Reds 17 cents; postpaid. Safe delivery guaranteed. C. G. Cook, Lyons, Kan.

**EGGS THAT HATCH, CHICKS THAT LIVE.** Prices low. Won over 5,000 prizes. Furnished Government and schools. Catalog free. Sterling Poultry Farms, Box 400, Sterling, Ill.

**BABY CHICKS: LARGE TYPE, S. C.** Black Minorcas, \$18.00-100; Eggs \$6.00. S. C. Golden Buff Leghorns \$14.00; eggs \$5.00. Chicks prepaid. Herbert Rhodes, Clinton, Kan.

**YOUNKINS CHICKS—BARRED ROCKS,** White Rocks, Single Comb White Leghorns and Anconas. Postage paid, 100 per cent live delivery. Catalog. Younkins Hatchery, Wakefield, Kan.

**ENGLISH STRAIN SINGLE COMB WHITE** Leghorns from trapezoid stock that laid 287-306 eggs. Chicks \$15.00, eggs \$7.00 per hundred, postpaid. L. M. Lingo, Route 5, Garnett, Kan.

**BABY CHICKS—DUCKINGS—EGGS: LEG-** horns \$14.00 per 100. Barred Rocks, Reds, Minorcas, Buffs, \$25.00. Ducklings 25c postpaid. Eggs \$3.00 setting. Hogan Hatchery, Bowling Green, Mo.

**S. C. BUFF LEGHORN CHICKS: TWELFTH** year, \$14.00-100. We produce and hatch our own eggs. Catalog free. Book orders for future delivery now. Alf Johnson, Leonardville, Kan., Rt. 2.

**BABY CHICKS FROM KANSAS GREAT-** est hatchery. Strong, livable birds; electric hatched; 15th season. Lowest prices, guaranteed alive. Young's Hatchery, Box 1013, Wakefield, Kan.

**CHICK HATCHERY. SEND US YOUR** eggs; our electric incubators assure healthy, hearty chicks. Price reasonable. Write now for dates for setting. Mayers Hatchery, Great Bend, Kan.

**BABY CHICKS—STRONG, VIGOROUS,** healthy. Better chicks cannot be purchased. Many varieties! 100 per cent delivery guaranteed. Low prices. Star Chick Hatchery, Westphalia, Mo.

**BABY CHICKS, 15 LEADING VARIE-** ties. 2 1/2 million for 1923. The kind that lay early. Large, vigorous, fluffy kind. Lowest prices. Send for large catalog. D. T. Farrow Chickeries, Peoria, Ill.

**BABY CHICKS: PURE BRED, BARRON** strain, English White Leghorns from extra selected heavy producing farm range stock. Excellent winter layers. \$23.00 and \$15.00 per 100. We also hatch Rocks, Reds, and White Wyandottes. Catalog. Johnson's Hatchery, 109 Buchanan Street, Dept. A, Topeka, Kan.

**BABY CHICKS, PURE BRED, ALL LEAD-** ing varieties from heavy laying strains. Strong, healthy chicks. Shipped successfully to forty states. 100% live arrival. Prepaid, satisfaction guaranteed. Order early and don't be disappointed. Member International Baby Chick Association. Catalog free. Loup Valley Hatchery, Box 93, St. Paul, Neb.

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

## DUCKS AND GESE

**TOULOUSE GESE AND GANDERS, \$2.00** each. C. F. Standley, Lucas, Kan.

**INDIAN RUNNER DUCKS, MONEY BACK** guarantee. Mrs. Ulford, Pleasanton, Kan.

**TOULOUSE GESE, \$3.00. OLD GESE** and ganders, \$4.00. Geo. Fox, Lewis, Kan.

**PURE BRED TOULOUSE GESE, \$3.00** (trio), \$3.50 single bird. Vona Morton, Hume, Mo.

**ROYAL BLUE ROSEN DUCKS AND** drakes, \$2.00 each. Mrs. J. E. Ricklets, Troy, Kan.

**EMBEDEN GANDERS, PRIZE WINNERS,** \$5.00. Others \$3.50. Cora Charlton, Little River, Kan.

**LARGE WHITE PERKINS, \$2.00; WHITE** China Geese, \$4.00. Mrs. W. A. Stegner, Plainville, Kan.

**MAMMOTH WHITE PERKIN DUCKS,** drakes, \$1.50 and \$2.00. Edward Williams, Route 7, Clay Center, Kan.

**PERKIN AND MALLARD DUCKS, LAST** call. Drakes \$2.00; Trios \$5.00. Standard stock. Greenwood Farm, Parsons, Kan.

**GESE: TOULOUSE, AFRICAN, EMBEDEN.** Ducks: Pekin, Rouen, Runner, Muscovy. Price reasonable. John F. B. Reintender, La.

**ENGLISH PENCIL RUNNER DUCKS,** fine layers. Ducks \$2.50; drakes \$2.00; trio \$5.00. Mrs. Cameron Smith, Durham, Kan.

## HOUDANS

PURE BRED MOTTLED HOUDAN COCK-  
ereis, \$2.50. Henry Haberman, Great Bend,  
Kan.

## HAMBURG

PURE ROSE COMB SILVER SPANGLED  
Hamburg cockereis, \$2.00. Mrs. M. Hoch,  
Lenexa, Kan.

## LANGSHANS

BLACK LANGSHAN COCKERELS, \$2.00  
each. L. C. Kennedy, Udall, Kan.

CERTIFIED WHITE LANGSHANS. Min-  
nie Tucker, Route 4, Independence, Kan.

PURE BRED BLACK LANGSHAN EGGS,  
\$1.00-15; \$6.00-100. Cecil Croxton, Pow-  
hattan, Kan.

PURE BRED BLACK LANGSHAN EGGS,  
\$1 for 15; \$6 for 100. L. A. Benson, Clay  
Center, Kan.

PURE BRED WHITE LANGSHANS. EGGS,  
chicks, guaranteed. Reasonable. Penn.  
Sarah Greisel, Altoona, Kan.

25 PURE BRED BLACK LANGSHANS, 8  
months old pullets, laying nicely, \$1.50  
each. Roy Robbins, White City, Kan.

WHITE LANGSHAN COCKERELS, EGGS  
and Baby Chicks. Blue ribbon stock, Ella  
R. Tillman, 1283 Lane, Topeka, Kan.

PURE BRED BLACK LANGSHAN COCK-  
ereis, \$1.50, \$2.00; pullets \$1.50, \$2.00  
each; eggs 15-\$1.50; 100-\$6.00. Wm. Carrico,  
Beloit, Kan.

PURE BRED WHITE LANGSHAN COCK-  
ereis \$2.00 each. Setting eggs and chicks.  
Shipping point Garden City. James Dimitt,  
Plymouth, Kan.

BLACK LANGSHANS, HOGAN TESTED,  
prize winners; cockereis \$1.50 to \$5.00  
each. Baby chicks 18c each. Eggs 15 for \$1.50,  
100 for \$6.00. Bertha King, Rt. 1, Solomon,  
Kan.

PURE BLACK LANGSHAN COCKERELS,  
from premium stock, \$2.00 and \$3.00.  
Single bird \$4.00. Nice pullets \$1.50. Good  
laying strain. Eggs. C. Wilfred Moon, Route  
3, Pratt, Kan.

## LEGHORNS

SINGLE COMB BROWN LEGHORN COCK-  
ereis, \$1.00 each. C. A. Lucas, Lewis, Kan.

PURE SINGLE COMB BROWN LEGHORN  
cockereis, \$1.00. H. F. Seipel, Anthony,  
Kan.

S. C. D. B. LEGHORN COCKERELS, \$1.00  
each. Cornelius Phillips, Route 9, Emporia,  
Kan.

SINGLE COMB DARK BROWN LEGHORN  
cockereis, \$1.00. Mrs. Lewis Davis, Hill  
Top, Kan.

ONE DOZEN S. C. BUFF LEGHORN COCK-  
ereis \$1.00 each. Myron Davis, Milton-  
vale, Kan.

CHOICE SINGLE COMB WHITE LEG-  
horn cockereis \$1.50. Lawrence Diebolt,  
Iola, Kan.

SINGLE COMB WHITE LEGHORN COCK-  
ereis, \$1.00 this month. Sophia. Fosha,  
Wamego, Kan.

WORLD'S BEST WHITE LEGHORN  
Chicks, 10 to 20 cents. Clara Colwell,  
Smith Center, Kan.

DARK BROWN LEGHORNS, KULP  
Strain. Eggs 5 cents, chicks 12 cents. Lee  
Smith, Clifton, Kan.

ENGLISH BARRON S. C. WHITE LEG-  
horn, eggs and chicks. Mrs. Louise  
Olinger, Lafontaine, Kan.

PURE BRED ROSE COMB BROWN LEG-  
horn cockereis from early layers, \$1.00.  
Herietta Platz, Alma, Kan.

CLOSING OUT: QUALITY WHITE LEG-  
horn, young hens, cockereis, \$12.00 dozen.  
Wm. Messer, Manhattan, Kan.

SINGLE COMB DARK BROWN LEGHORN  
cockereis, Everlay strain direct, \$2.50 each.  
Mollie McBride, Mankato, Kan.

ROSE COMB BUFF LEGHORN EGGS,  
baby chicks, Exhibition and range. Mrs.  
Herman Behrens, Marysville, Kan.

BUFF LEGHORN COCKERELS, FIRST  
and second prize winners Eureka Fair, \$2  
each. Emma Sluder, Eureka, Kan.

TANCRED WHITE LEGHORNS, EXCEL-  
lent layers. Pullets, cockereis, \$1.50, \$2.00.  
Carl F. Pfeutze, Rt. 4, Manhattan, Kan.

ROSE COMB WHITE LEGHORN CHICKS  
14 cents; eggs \$4.75, postpaid. Orders  
booked. P. F. Hendricks, Glen Elder, Kan.

SINGLE COMB WHITE LEGHORNS, Certi-  
fied. Eggs \$7.00 hundred. Prepaid. Guar-  
anteed. Booklet free. Otis Gibson, Americus,  
Kan.

SINGLE COMB WHITE LEGHORNS,  
Young, Ferris strain, direct. Eggs 6c;  
Chicks 15c. Folder free. Joe Zuber, Anthony,  
Kan.

BARRON'S FAMOUS WHITE LEGHORNS,  
Hoganized hens, pedigreed sires. Free  
copy trapnest pedigree. Eggs \$7.00 per 100.  
O. A. Zickeloose, Rossville, Kan.

IMPORTED ENGLISH BARRON S. C.  
White Leghorns. Trapnested, bred to rec-  
ord 303 eggs. Pullets, eggs, chix, guar-  
anteed. Geo. Patterson, Richland, Kan.

SINGLE COMB WHITE LEGHORNS, EGGS  
\$1.00, \$5.00. Chicks 100, \$10.00, prepaid.  
Prize winning strains. Florence Bumphrey,  
Corning, Kan.

CHOICE TOM BARRON ENGLISH SINGLE  
Comb White Leghorn cockereis, from  
heavy producing culled stock, \$2.25. Ray  
Fulmer, Wamego, Kan.

PURE BRED SINGLE COMB BROWN  
Leghorn baby chicks 12c. Eggs \$5, 100.  
Heavy laying strain. Delivery guaranteed.  
Mrs. V. Young, Melvern, Kan.

SINGLE COMB DARK BROWN LEGHORNS,  
Russell strain, Hoganized, prize winning,  
high egg producers. Cockerels, baby chicks,  
eggs. Mrs. W. B. Knowles, Mayfield, Kan.

BARRON SINGLE COMB WHITE LEG-  
horn from J. R. Mooney's imported ped-  
igreed trapnested, 288 egg strain. Eggs \$6  
per 100. Baby chicks. James Ross, Bel-  
vue, Kan.

SINGLE COMB BUFF LEGHORN COCK-  
ereis, \$2.00 up. Best record in variety  
in two national egg laying contests. Certi-  
fied. Eggs \$8.00 hundred. Mrs. C. H. Dear,  
Riverdale, Kan.

We sold our outfit the first week after  
the ad was put in. Do not run any  
longer.—L. B.

Please accept my thanks as the one  
time ad sold all my White Rock cock-  
ereis in a week and some checks re-  
turned.—J. McC.

## LEGHORNS

FERRIS LEGHORN COCKERELS, HENS  
\$1.50. Sarah E. Rollins, Greta, Kan.

SINGLE COMB BROWN LEGHORN COCK-  
ereis, \$1.75. John Linke, Geneseo, Kan.

ROSE COMB WHITE LEGHORN COCK-  
ereis, \$1.00. Leon Normando, Burns, Kan.

SINGLE COMB WHITE LEGHORN PUL-  
lets, laying 60 per cent, \$1.50 each; eggs  
\$6.50 hundred. John Runge, Sylvan Grove,  
Kan.

BABY CHICKS: HATCHING EGGS FROM  
heavy laying Single Comb White Leg-  
horns. Write for price list. Also exhibi-  
tion stock. Charles Herrick, 3003 Ruby,  
Kansas City, Kan.

PURE BRED SINGLE COMB WHITE LEG-  
horn hatching eggs or baby chicks from  
hens as high as 265 egg type, priced right  
and six months time for payment. Stants  
Bros., Hope, Kan.

BARRON'S PEDIGREED IMPORTED ENG-  
lish Single Comb White Leghorns, 250-324  
egg records. Hatching eggs, guaranteed.  
Circular free. Mrs. Henry Wegman Jr.,  
Route 4, Sabetha, Kan.

EGG BRED, CHAMPIONS HEART OF  
America Show Kansas City. I won first  
cock, second hen, first cockerel, first pul-  
let, first pen. Cockerels reasonable; mating  
list. Herb Wilson, Holton, Kan.

S. C. WHITE LEGHORNS: EGG RECORDS  
of 222 to 284 eggs. Cockerels sired by the  
1st cockerel at the Kansas State Poultry  
Show 1920, \$2 each. Eggs \$7 per 100. Chicks  
17c. Satisfaction guaranteed. Ray Porter  
Winfield, Kan.

HEAVY WINTER LAYING LEGHORNS.  
500 pullets laid in Nov., Dec., and Jan.  
22,660 winter eggs, market value of eggs  
\$1400. You can do the same with our bred-  
to-lay in winter Leghorns; baby chicks;  
guaranteed fertile hatching eggs; catalog.  
Come and see us. Osee C. Frantz, Box K,  
Rocky Ford, Colo.

100 SINGLE COMB DARK AND LIGHT  
Brown Leghorn cockereis, also pullets  
from \$1.00 to \$3.00 each. Bred by me for  
18 years. Orders for eggs and baby chicks  
booked now. Eggs from mated pens \$3.00  
per 15; from range flock \$6.00 per 100. Baby  
chicks \$12.00 per 100. G. F. Koch, Jr., Ellin-  
wood, Kan.

TRAPNESTED PEDIGREED BREEDING  
cockereis. Single Comb White Leghorns  
from the best egg producing pens of Mar-  
tin Egg Farm. Records from 220 to 303  
eggs on both sides. Write for prices and  
guarantee, also free mating list. Producers  
of the first Kansas hen to lay 303 eggs.  
Martin Egg Farm, Box 243, Hiawatha, Kan.

"HAINES HUSTLER" BUFF LEGHORNS;  
every day in every way, are getting bet-  
ter and better. The laying hen is the pay-  
ing hen, you only sell them once; nuf said.  
Get Haines' Buffs. Cockerels, hens, good  
breeders, \$2 and \$3 each. Dandies, \$4, \$5.  
Eggs, \$1.50-15; \$10-120. Prepaid. Get your  
order booked now. Pearl Haines, Rosalia,  
Kan.

## LEGHORN EGGS

STATE CERTIFIED S. C. BROWN LEG-  
horn chicks and eggs. John Riggs, Ottawa,  
Kan.

S. C. WHITE LEGHORN EGGS, \$4.00 PER  
hundred. J. Dowling, Route 3, Walnut,  
Kan.

ROSE COMB WHITE LEGHORN EGGS;  
100, \$4.50, postpaid. Fred Dyker, Greeley,  
Kan.

PURE TANCRED SINGLE COMB WHITE  
Leghorn eggs for hatching. Bernitter,  
Cheney, Kan.

EGGS: \$6.00 HUNDRED. ENGLISH BAR-  
ron White Leghorns. Chas. Schwartz,  
Hanover, Kan.

SINGLE COMB BUFF LEGHORN EXHIBI-  
tion. Trapnest mating list. Fred Ohlsen,  
Whiting, Kan.

SINGLE COMB BUFF LEGHORN COCKER-  
els, Eggs \$4.00-100. Mrs. S. F. Crites,  
Florence, Kan.

BARRON STRAIN WHITE LEGHORN  
EGGS, \$5.00 per 100. U. S. Nelson, Route  
5, Atchison, Kan.

BARRON STRAIN WHITE LEGHORN  
hatching eggs, \$5.00 per 100. Mrs. Emil  
Keller, Junction City, Kan.

TOM BARRON HOGANIZED EGG STRAIN  
S. C. W. Leghorn, \$6.00 hundred, free  
range. F. L. Weeks, Belvue, Kan.

ROSE COMB BUFF LEGHORN EGGS,  
Hoganized matings, real layers. Chicks  
later. Floyd Schaulis, Morrill, Kan.

ENGLISH WHITE LEGHORNS, THE BIG  
profile kind. Eggs 15-\$1.50; 100-\$5.00.  
Mrs. Annie Hackett, Route 5, Maryville, Mo.

SINGLE COMB BROWN LEGHORN EGGS,  
pure bred, \$5.00-100 prepaid. Delivery  
guaranteed. Mrs. Guy Smith, Everest, Kan.

SINGLE COMB WHITE LEGHORN EGGS,  
per hundred \$5.00. Special pen matings  
\$3.00 per setting. R. C. Cornell, Las Animas,  
Colo.

EGGS—FERRIS STRAIN SINGLE COMB  
White Leghorns, headed by cockereis di-  
rect from Ferris Farms. \$5.00-100. Oliver  
Spencer, Route 5, Newton, Kan.

SINGLE COMB BUFF LEGHORN EGGS,  
State show winners. Pen 20c each; flock  
50-\$3.50; 100-\$5.50. Postpaid. Mrs. Wm.  
Heussmann, Sterling, Neb.

SINGLE COMB WHITE LEGHORN HATCH-  
ing eggs. Bred for eggs, size, beauty, \$7.50  
hundred, 10% extra for possible infertile.  
Alan Fitzsimmons, Pratt, Kan.

SINGLE COMB DARK BROWN LEGHORN  
eggs. Entire flock carry "Everlay" blood.  
Sires Everlay direct, \$5.50-100 postpaid.  
Mrs. Harvey Crabbe, Bucklin, Kan.

REAL WINTER LAYERS. S. C. W. LEG-  
horn, English strain, \$5.00 per hundred.  
Guaranteed fertile. Baby chicks \$15.00 for  
100. Emory J. Hobson, Sylvia, Kan.

LEGHORNS: S. C. W. BARRON STRAIN.  
Hogan tested hens, winter layers. Cock-  
ereis trapnested, pedigreed. Stock records 278-  
280. Eggs \$6.00-100. J. W. Barney, Ros-  
sville, Kan.

SINGLE COMB DARK BROWN LEGHORN,  
eggs from winners and layers. First pen  
at Hutchinson show; fertility guaranteed,  
\$5.50 per 100, postpaid. Mrs. E. C. Grizzell,  
Clifton, Kan.

## LEGHORN EGGS

PURE BRED BROWN LEGHORN EGGS,  
\$5.00, per 100. Mrs. Fred Oeser, Clifton,  
Kan.

EGGS, BARRON'S STRAIN, SINGLE COMB  
White Leghorns, 272-314 egg line. At-  
tractive prices, fertility guaranteed. Pre-  
paid. Circular free. W. E. Phillippi, Route 2,  
Sabetha, Kan.

BARRON SINGLE COMB WHITE LEG-  
horn eggs, \$4.00 hundred, prepaid. Flock  
headed by cockereis from Government flock  
at Fort Leavenworth. Claude Hallenbeck,  
Linwood, Kan.

SINGLE COMB WHITE LEGHORNS,  
Ferris strain. Trapnested for high egg  
production. Range grown, healthy, vigor-  
ous stock. Eggs \$1.50 per setting, \$8.00 per  
hundred, prepaid. Limited supply. Book  
your order at once. Satisfaction guaran-  
teed. Morning Side Farm, Rt. 1, Box 64,  
Wichita, Kan.

BEATS FARMING. 250 HENS MADE \$1000  
above expenses in 8 months. Pure Barron  
English White Leghorns from official cham-  
pion trapnested stock of 288-316 eggs. Large  
breed. Pedigreed and extra high egg cap-  
acity rated cockereis head flock this year.  
100 eggs \$7.00. Write for mating list. Perry  
Dietrich, Miltonvale, Kan.

## MINORCAS

SINGLE COMB BUFF MINORCA COCK-  
ereis; eggs \$2.50 per 15. W. H. Manville,  
Wathena, Kan.

BLACKS—COCKERELS—BURKE TESTED.  
Two hundred egg strain and upward, \$2.00  
to \$3.00 each. Albert Passmore, Plevna, Kan.

WHITE AND BLACK MINORCA COCK-  
ereis. Two to three dollars each. Eggs  
\$2.50 per 15. L. C. Sherriff, Independence,  
Kan.

BLACK MINORCAS \$16.00-100; WHITE  
Minorcas \$20.00-100. Reds, White Wyand-  
ottes, Buff Orpingtons, Barred and White  
Rocks, Anconas, \$13.00-100. Neads Hatchery,  
Westphalia, Kan.

## ORPINGTONS

GOOD BUFF ORPINGTON COCKERELS,  
\$3.00. Geo. Waters, Elk City, Kan.

EGGS—OWENS AND BYER STRAINS  
direct. Write J. W. Dickmann, Inman,  
Kan.

BUFF ORPINGTON COCKERELS, EARLY  
hatch, \$2.00. Marie Cranston, Langdon,  
Kan.

SINGLE COMB BUFF ORPINGTON COCK-  
ereis, \$2.25 each. Mrs. Hallie Moser, Man-  
kato, Kan.

PURE BRED BUFF ORPINGTON COCK-  
ereis, \$2.50 each. Mollie McBride, Man-  
kato, Kan.

SINGLE COMB BUFF ORPINGTON COCK-  
ereis, \$2.50 each. Mrs. Vera H. Haynes,  
Grantville, Kan.

BUFF ORPINGTONS—SOME COCKERELS  
left. Hatching eggs from trapnested birds.  
J. A. Kauffman, Abilene, Kan.

SINGLE COMB BUFF ORPINGTON COCK-  
ereis, range raised, \$1.50, \$2.00 and \$3.00  
each. W. D. Saip, Belleville, Kan.

EGGS—BABY CHICKS FROM CERTIFIED  
prize-winning Buff and White Orpingtons.  
Mrs. John Bowman, Hartford, Kan.

LARGE SINGLE COMB BUFF ORP-  
ington cockereis, early hatch, \$2.50. Mrs.  
Claude Bridgeman, Abbeville, Kan.

S. C. WHITE ORPINGTONS, WINNERS  
at all shows. Cockerels, baby chicks and  
eggs. Sunny Slope Farm, Troy, Kan.

60 BUFF ORPINGTON COCKERELS AT  
5 and 10 dollars each. Satisfaction guar-  
anteed. J. M. Clevenger, Lawrence, Kan.  
Pair Stag Hound pups, 5 months old, price  
\$20.00.

CEDARGATES FARM HAS BUFF OR-  
pingtons exclusively. Good laying strain.  
Eggs, \$6 105; baby chicks, \$15.00, postpaid.  
Order early. R. D. Wyckoff, Luray, Kan.

## ORPINGTON EGGS

EGGS: BUFF ORPINGTON, PURE LARGE  
stock, \$1.25 per setting. Mrs. Roy Stewart,  
Sharon, Kan.

QUALITY BUFF ORPINGTON EGGS FOR  
hatching. Mating list free. H. L. Boge,  
Harvard, Neb.

BUFF ORPINGTON EGGS—OWENS  
strain cockereis—one dollar for fifteen.  
F. W. Rommel, Rozel, Kan.

PURE WHITE ORPINGTONS, FLOCK  
state certified Class A. Eggs \$1.50 for 15.  
\$4.00 for 50. Mrs. Harry White, Council  
Grove, Kan.

SINGLE COMB BUFF ORPINGTON  
hatching eggs, \$5.50 per hundred; \$1.25  
per setting, prepaid. Mrs. George McAdam,  
Holton, Kan.

EGGS—BUFF ORPINGTON—HEAVY LAY-  
ers, hardy, free range, 15-\$2.00; \$7.50 per  
100. Two cock birds \$5.00 each. Cockerels  
\$2.50 each. Mrs. E. O. Farrar, Abilene, Kan.

BUFF ORPINGTON HATCHING EGGS.  
Pens or range. Every male used is prize  
winner; 1st and 2nd cockerel Hutchinson;  
5th young pen Topeka; 1st cockerel, 1st  
young pen Holton; range eggs \$10 per 100;  
pens \$5.00 per 15; special matings \$8.00 per  
15. Mrs. B. A. Shermer, Valley Falls, Kan.

## PLYMOUTH ROCKS

PURE BARRED ROCK COCKERELS, \$2.00.  
Ida Ham, Burden, Kan.

PURE WHITE ROCK COCKERELS, \$2.50.  
Dena Sander, Virgil, Kan.

WHITE ROCK COCKERELS, \$2.00 EACH.  
J. C. Bostwick, Hoyt, Kan.

WHITE ROCK COCKERELS, CHOICE \$3.50.  
Ray Newkirk, Geneseo, Kan.

PURE BUFF ROCK COCKERELS, \$2.00.  
C. H. Donovan, Gardner, Kan.

PURE BRED BUFF ROCK COCKERELS.  
D. H. Lehman, Halstead, Kan.

PURE BARRED ROCK COCKERELS, \$2.00  
each. Lilly Daniels, Logan, Kan.

BUFF ROCK COCKERELS AND PULLETS.  
William A. Hess, Humboldt, Kan.

BARRED ROCKS, 87 PREMIUMS. MAT-  
tie A. Gillespie, Clay Center, Kan.

Please stop my White Wyandotte ad.  
Shipped the last ones this morning.—  
E. W.

Please do not insert my advertisement  
any more. I received orders for 57 birds  
today. I am delighted with results of  
advertising in Mail and Breeze.—C. F. J.

## PLYMOUTH ROCKS

PURE BRED WHITE ROCK PULLETS,  
\$1.25. Ida Misner, Piedmont, Kan.

BARRED ROCKS, PRIZE STOCK. Mrs.  
August Kaesler, Junction City, Kan.

ARISTOCRAT BARRED ROCK COCK-  
ereis, \$2.00 each. Elma Evans, Stockton,  
Kan.

BARRED ROCK COCKERELS, PRIZE  
winning stock, \$2.00. Roy Lambert, Coats,  
Kan.

PURE THOMPSON IMPERIAL RINGLET  
cockereis, \$5 to \$10. Mrs. Elledge, Garden  
City, Kan.

BUFF ROCK COCKERELS, \$3.50 EACH.  
Satisfaction guaranteed. Mrs. C. W. Burr,  
Grenola, Kan.

BUFF ROCKS, PRIZE STRAIN, COCK-  
ereis and eggs. Mrs. Robt. Hall, Neo-  
desha, Kan.

BARRED ROCK LAYERS, WINNERS,  
guaranteed. Circular free. Dr. McCosh,  
Randolph, Kan.

PURE BRED BARRED ROCK COCKER-  
els, Thompson strain, \$2.00 each. Oscar  
Chinn, Coats, Kan.

PURE BRED WHITE ROCK COCKERELS  
\$3.00; eggs 100-\$5.00; 15-\$1.00. Mrs. El-  
win Dales, Eureka, Kan.

RINGLET BARRED ROCK COCKERELS,  
\$3.00, \$5.00, Eggs \$5.00 hundred. Leslie H.  
McDonald, Mullinville, Kan.

PURE BRED BARRED ROCKS, CHOICE  
cockereis \$3.00; pullets \$2.00. Mrs. H. N.  
Cooke, Cottonwood Falls, Kan.

SPRING LAWN BARRED ROCKS, BOOK-  
ing orders now. Chicks 12 cents, eggs  
\$6.00. R. A. Weaver, Agricola, Kan.

WHITE ROCKS, WINNERS AND LAY-  
ers, cockereis \$3 and \$5; pullets \$2, eggs,  
\$6-100. Edith Franklin, Troy, Kan.

BARRED ROCK COCKERELS, FROM  
prize stock, \$2.50 to \$3.00. Eggs \$4.00 for  
100. Mrs. A. M. Shipley, Coffeyville, Kan.

PARK'S OVER 200 STRAIN BRED-TO-LAY  
Rocks. Cockerels, eggs, baby chicks in  
season. Mrs. F. A. Hargrave, Richmond,  
Kan.

PURE BRED WHITE ROCK COCKERELS  
from prize winning stock. Satisfaction  
guaranteed. \$3.50 each. Minnie Snider, Pied-  
mont, Kan.

PURE BARRED ROCKS, BRED FOR SIZE,  
barring, eggs. Cockerels \$2.50; 6-\$14.00.  
Eggs 100-\$6.00, 15-\$1.50. Mrs. S. Vanscoyoc,  
Oak Hill, Kan.

IMPERIAL RINGLET BARRED ROCK  
cockereis, laying strain, standard color  
and markings, \$3.00 each. E. O. Lewis,  
McAllester, Kan.

BARRED PLYMOUTH ROCK COCKERELS  
and hens, \$2.00 and \$4.00 each. Thomp-  
son strain. Satisfaction guaranteed. Mrs.  
Gus Brune, Lawrence, Kan.

DARK BARRED PURE ARISTOCRAT  
cockereis, parent stock direct from Holter-  
man. Satisfaction guaranteed. Mrs. Blanche  
Freeman, McAllester, Kan.

WHITE ROCKS, EXHIBITION TRAP-  
nested strain, won silver cup this season.  
Cockerels on approval, \$2.50, \$3.00, \$3.50,  
\$5.00 and up according to quality. Eggs  
from three matings. Chas. Blackwelder,  
Isabel, Kan.

BUFF PLYMOUTH ROCK COCKERELS,  
bred from Kansas City, first prize winners.  
Even colored, from heavy layers, \$2.00 and  
\$5.00 each. Established twenty years. Cata-  
log free. C. R. Baker, Abilene, Kan.

BARRED ROCKS: LIGHT AND DARK. 67  
prizes the past season. Utility cockereis  
\$2.50 to \$5.00. Exhibition quality \$5.00 to  
\$10.00 each. Eggs, best pens, \$5.00 per 15;  
utility, \$6.00 per 100. Satisfaction guaran-  
teed. Dr. Hinckley, Barnard, Kan.

## PLYMOUTH ROCK EGGS

WHITE ROCK EGGS, \$1 setting. Frank Applebaugh, Cherryvale, Kan.  
PURE BARRED ROCK EGGS, SELECTED, heavy winter layers. Fifteen \$1.00. Hundred \$5.00, postpaid. G. C. Drescher, Canton, Kan.

WHITE ROCK EGGS FROM REAL winter layers, carefully bred and selected for egg production. Setting \$1.50, \$8.00 per hundred. Will H. Hayden, Route 6, Lawrence, Kan.

BARRED ROCKS, YELLOW LEGS, EVEN deep barring. Egg producing type. Special matings, 15 eggs \$5.00. Selected range, 100-\$6.00; 15-\$2.00. Mrs. J. B. Jones, Abilene, Kan.

SHOW QUALITY RINGLET BARRED Rocks. Healthy high producing range flock, fertility 85 per cent guarantee; setting \$1.50. 100-\$6.00. W. O. Hogsett, Fontana, Kan.

## RHODE ISLANDS

LARGE DARK RED R. C. REDS, GUARANTEED. Highland, Hedrick, Iowa.

S. C. RED COCKERELS, \$2.00. Hazel Ashbaugh, Rt. 1, Junction City, Kan.

LARGE DARK S. C. R. I. COCKERELS, \$2.00. Bert Conrad, Rush Center, Kan.

DARK RED ROSE COMB COCKERELS, \$3.00 each. Chas. Ballew, Almena, Kan.

LARGE DARK ROSE COMB REDS, GUARANTEED pure bred. Hecht's, Holyoke, Colo.

DARK ROSE COMB REDS, BEST BREEDING, \$2.00, \$3.00. Mrs. Gill, Piedmont, Kan.

ROSE COMB RHODE ISLAND RED COCKERELS, \$3.00 each. E. Z. Brown, Corning, Kan.

SINGLE COMB RED COCKERELS, FROM winners, layers. Emery Small, Wilson, Kan.

DARK RED TO SKIN ROSE COMB COCKERELS \$2.00 to \$7.00. Mrs. Harry Mitchell, Garfield, Kan.

EXTRA PURE BRED RHODE ISLAND Red eggs \$6; chicks 15c. Maggie McNeely, Ness City, Kan.

DARK ROSE COMB REDS, EGGS \$6.00 per 100, chicks 15c. Mrs. Geo. Brilix, White City, Kan.

ROSE COMB COCKERELS, MARCH hatched; dark red, \$2.50. Mrs. Clarence Martin, Emporia, Kan.

PURE BRED R. C. R. I. RED COCKERELS from panned birds, \$3-\$5. Mrs. Lillie Wayde, Burlington, Kan.

STANDARD DARK ROSE COMB RHODE Island Red cockerels, stock winners, \$3.50. K. M. Ramsay, Beloit, Kan.

CERTIFIED BY AGRICULTURAL College, Single Comb Rhode Island Red cockerels. H. Allen, Williamsburg, Kan.

JOHNSON'S S. C. QUALITY REDS. Winners, egg producers. Write for mating list. J. C. Johnson, Mt. Hope, Kan.

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

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

COCKERELS—SINGLE COMB REDS. A few choice breeders left, \$3.00 and up. Boyd & Graham, 1926 Bolles Avenue, Topeka, Kan.

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

LARGE DARK ROSE COMB RHODE ISLAND Red cockerels, from certified flock, \$3.00, \$5.00. C. O. Cress, Rt. 4, Council Grove, Kan.

ROSE COMB R. I. REDS, FINE COCKERELS \$2.00 each. 100 eggs \$7.00; 50-\$4.00; 15-\$1.50. Mrs. Clark Isenagie, Route 3, Winfield, Kan.

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.

PURE BRED SINGLE COMB RHODE Island Red cockerels. Large dark red, good laying strain, \$2.50 each. Satisfaction guaranteed. J. H. Vernon, Oberlin, 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.

ROSE COMB RHODE ISLANDS, DARK even red, long broad backs, good layers; cockerels \$2.25, five \$10.00; hens, pullets, 15-egg \$1.00, 100-\$5.00. Walter Baird, Deerhead, 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 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.

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, \$5.00. Pen pullets, \$5 up. Eggs, 15, \$2.25; 50, \$5.50; 100, \$10. Postpaid. Satisfaction guaranteed. Mrs. G. H. Lowder, Waverly, Kan.

## RHODE ISLAND EGGS

ROSE COMB RHODE ISLAND EGGS, 100-\$5.00. W. L. Horton, Madison, Kan.

DARK SINGLE COMB RED EGGS, \$1.50 15; \$6.00-100. John Greenleaf, Mound City, Kan.

SINGLE COMB RHODE ISLAND RED eggs for hatching. Earl Richardson, Ottawa, Kan.

PURE BRED DARK ROSE COMB RED eggs, 100-\$6.00 postpaid. Free range. Mrs. Chas. Lewis, Wakefield, Kan.

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

PURE BRED SINGLE COMB RHODE Island Red eggs for hatching, \$6.00 hundred, \$1.00 setting. Mrs. Will Hopwood, Abilene, Kan.

PURE BRED ROSE COMB RED EGGS from selected layers; 100, \$6; 50, \$3.50. Also some choice cockerels. Earle Bryan, Emporia, Kan.

## RHODE ISLAND EGGS

ROSE COMB RED EGGS, BEST STRAINS, color, size, shape, \$5.00-100; \$1.00-15; pullets \$1.50. Hazel DeGeer, Deerhead, Kan.

SINGLE COMB REDS; PULLETS Sired by 250 bird. Eggs all season from this fine mating. Sol. Banbury, Pratt, Kan.

EGGS FROM CHOICE STOCK, RHODE Island Whites. High fertility. \$5.00 hundred prepaid. Mrs. O. R. Niccum, Route 5, North Topeka, Kan.

PURE DARK RED ROSE COMB, LARGE boned, Rhode Island Red eggs for hatching, \$6.50 per 100, prepaid. Mrs. Henry Follett, Waterville, Kan.

SINGLE COMB RHODE ISLAND RED eggs for setting, from state certified flock, class B. Write for mating list. W. M. McCrary, Wilmore, Kan.

ROSE COMB REDS—BIG WINNERS AT best shows. Special mated pens. Eggs, \$8.00 per 100, postpaid; fertility guaranteed. Mrs. E. C. Grizzell, Clafin, Kan.

SINGLE COMB REDS, RICKSECKER strain. Blue ribbon winners. Eggs \$1.50 setting, \$6.00 hundred. Mating list now ready. C. R. Mace, Garnett, Kan.

S. C. R. I. R. EGGS, PENS HEADED BY cocks winning Topeka State show and county poultry show, 15-\$4.00; 50-\$10.00. C. B. Kellerman, Burlington, Kan.

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

## TURKEYS

MAMMOTH WHITE HOLLAND TOM, \$8.00. J. Folk, Emporia, Kan.

PURE BOURBON RED TOMS \$8 AND \$10. Sadie Struthers, Rozel, Kan.

BOURBON RED TOMS, \$10.00. Mrs. Jennie Gaston, Larned, Kan.

WHITE HOLLAND TOMS, \$8.00 EACH. Mrs. Alex Jones, Ottawa, Kan.

BRONZE TOM, EXTRA FINE \$20.00. Mrs. Elmer Caywood, Raymond, Kan.

MAMMOTH BRONZE TURKEY TOMS, \$10. V. H. Cooper, Jamestown, Kan.

MRS. BURG, LAKIN, KANSAS, BETTER Bronze TOMS, \$10 to \$25. Booklet.

PURE BRED BRONZE TOMS, \$10.00; \$15.00. Will Burton, Fowler, Kan.

PURE BRONZE TOMS, \$10.00 EACH. Vilhelm Bondesen, Box 372, Fowler, Colo.

BRONZE TOMS, BURGANK STRAIN, TOM \$10.00. Mrs. Chas. Forsyth, Howard, Kan.

PURE BRED BOURBON RED TOMS, \$9 and \$10. M. E. Noonan, Greenleaf, Kan.

GOLDBANK MAMMOTH BRONZE TURKEYS, TOMS \$12.00 each. Ora Yapp, Esbon, Kan.

MAMMOTH WHITE HOLLAND TOMS, 25 to 28 lbs, \$10. F. C. Browne, Burdette, Kan.

HIGH GRADE BRONZE TOMS, 25 LBS. OR better, \$12.00. Mary Hardwick, McCracken, Kan.

GOLDBANK MAMMOTH BRONZE TOMS, \$10.00. Werner Jockens, Rt. 1, Offerle, Kan.

PURE BRED NARRAGANSETT TOMS, \$10.00; hens, \$7.00. Long Hill Farm, Burdette, Kan.

WHITE HOLLAND TURKEY TOMS, THE big kind, \$8.00 each. Mrs. H. R. Myers, Agra, Kan.

MAMMOTH BRONZE TOMS, \$10.00; 24 TO 28 lbs. June hatch. Mrs. Lora Snodgrass, Augusta, Kan.

GOLD BANK BRONZE TURKEY TOMS, \$12, \$15. Eggs 75c each. E. Gaughan, Earleton, Kan.

MAMMOTH BRONZE TOMS, GOLDBANK, large boned, 22-28 pounds, \$10. Roy Ellis, Coldwater, Kan.

ONE DOZEN FINE EARLY MAMMOTH Bronze TOMS, \$8 each. Mrs. Jack Dunham, Ashland, Kan.

MAMMOTH BRONZE TOMS, LARGE, well marked, priced reasonable. Fowler Bros., Route 3, Russell, Kan.

PURE BRED BOURBON REDS, LARGE boned, well marked; TOMS \$10; hens \$7. Pauline Lohrengel, Linn, Kan.

EXTRA LARGE PURE BRED NARRAGANSETT TOMS \$10, hens \$8. Mrs. O. H. Sackhoff, Route 3, Downs, Kan.

PURE BRED BOURBON RED TURKEY TOMS \$8 and \$9; hens \$5 each. Prize winners. Mrs. S. E. Pearl, Lydia, Kan.

FANCY MAMMOTH BRONZE TOMS \$12.00-10.00. Orders booked now for eggs 75c each. Robert Chambers, Hiattville, Kan.

MAMMOTH BRONZE TURKEYS, EXCELLENT plumage; prize winning strain. Eggs furnished. Mrs. Peyton Tabb, Lexington, Mo.

PURE BRED MAMMOTH BRONZE TURKEYS; TOMS \$10.00, \$12.00. Guaranteed breeders. Mrs. Geo. Wharton, Agenda, Kan.

WHITE HOLLAND TURKEYS; HENS \$7.00 TOMS \$10.00. 6 hens and tom \$50.00. Booking eggs \$5.00 per 12. Florence Binard, Burlington, Colo.

MAMMOTH BRONZE TOMS, GOLDBANK strain, winning 1st, 2nd prize Topeka State Show, 1923. Mrs. F. J. Fuller, Rt. 1, Kirwin, Kan.

MAMMOTH BRONZE TURKEYS, TOOK five blue ribbons at Hutchinson State Show 1922. TOMS \$15.00, Pullets \$8.00. Minnie Snider, Piedmont, 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.

## WYANDOTTES

WHITE WYANDOTTE COCKERELS, \$1.50. Mrs. J. R. Antram, Galesburg, Kan.

SILVER LACED WYANDOTTES COCKERELS \$2.00. H. W. Schrader, Haviland, Kan.

COLUMBIAN WYANDOTTE COCKERELS \$3.00 each. Not prepaid. P. J. Voth, Gessel, Kan.

GOLDEN WYANDOTTE COCKERELS, 2 for \$4.50; 3 for \$6.00. Ed Fischer, Wheaton, Kan.

REGAL DORCAS WHITE WYANDOTTES; cockerels \$3.00, \$5.00. Eggs \$7.00-100. Ira Ives, Liberal, Kan.

"BEAUTIFUL" SILVER WYANDOTTE cockerels, \$3, \$4, \$5, \$10. Eggs. Mrs. Edw. Shuff, Plevna, Kan.

LARGE WHITE WYANDOTTE COCKERELS, Martin strain, \$2.50; 6-12.00. Mrs. O. O. Richards, Beverly, Kan.

## WYANDOTTES

WHITE WYANDOTTES; MARTIN KEELER direct cockerels \$2.50; eggs 100, \$6.00. H. O. Collins, Fontana, Kan.

PURE BRED SILVER WYANDOTTE COCKERELS, \$2.50 to \$5.00. Eggs in season. Mrs. Philip Schuppert, Arrington, Kan.

WHITE WYANDOTTE COCKERELS, MARTIN Keeler and Barron's laying strain, \$2 to \$3. Eggs \$5 hundred. Mrs. H. Taylor, Alma, Kan.

KEELER STRAIN PURE BRED WHITE Wyandotte cockerels, \$2.50 and \$3.00 each. Eggs for hatching \$6 per 100. Sadie Springer, Manhattan, Kan.

GRAND CHAMPION, STANDARD BRED White Wyandottes. Eggs from four grand matings. Write for free catalogue. Irvin Decker, Galva, Kan.

PARTRIDGE WYANDOTTES—LARGEST winners, grand champion Kansas, biggest show this season. Cockerels \$5.00. Satisfaction guaranteed. F. R. Beery, Leavenworth, Kan.

WHITE WYANDOTTES, FISHEL'S DIRECT. Pen headed by 25 male scoring 96. Cockerels \$3, \$5 on approval. Eggs 15, \$3; 30, \$5. Mrs. Alice Remington, Baldwin, Kan.

50 REGAL WHITE WYANDOTTE COCKERELS, \$3.00 to \$5.00. Chicks 25-\$7.00, 50-\$12.00, 100-\$20.00. Eggs, 15-\$2.00, 50-\$6.00, 100-\$10.00. Satisfaction. North Willow Poultry Ranch, Coffeyville, Kan.

## WYANDOTTE EGGS

WHITE WYANDOTTE EGGS, \$6.00 PER 100. State certified. Mrs. J. F. Martin, Delavan, Kan.

WHITE WYANDOTTE EGGS FOR HATCHING; record layers. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

WHITE WYANDOTTE EGGS 15, \$1.50; 100, \$5.00. Prepaid. Satisfaction guaranteed. Effie Acheson, Plainville, 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 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.

SKALICKY'S SILVER LACED WYANDOTTES, bred from prize winners. Eggs \$7.00-100; chicks 18 cents. Fred Skalicky, Wilson, 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. 60% hatch guaranteed. H. A. Dressler, Lebo, 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.

WHITE WYANDOTTE EGGS AND BABY chicks, \$7.00 and \$17.00 hundred, prepaid. Dorcas laying strain direct 1921 and 1922, culled by licensed judge. Satisfaction guaranteed. Chas. Kaiser, Miltonvale, Kan.

PRIZE WINNING STOCK WHITE WYANDOTTES. Extra winter layers, J. C. Fishel egg-a-day strain. Eggs \$8.00 per hundred, \$1.50 for fifteen. Also few cockerels \$2.50. A. K. Hayden, Route 8, Lawrence, 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.

## POULTRY SUPPLIES

NEWSOME'S ROUP CURE, PRICE \$1.00 per bottle. Dr. Newsome, Hutchinson, Kan.

SOL HOT OIL BURNING BROODERS. Easily operated. Inexpensive. Circular free. Claude Post, Mound City, 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 "COLWELL'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.

INCUBATORS. 100 ELECTRIC, 360 EGG, hot water, slightly damaged by smoke, \$11 until March 1. Can be changed to coaloil machines at small cost or can be used as brooders. Danforth and Sparks, 1813 Holmes St., Kansas City, Mo.

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 druggist. I. A. Pommier Co., Topeka, Kan.

## SEVERAL VARIETIES

BRADLEY BARRED ROCK COCKERELS, \$2.00 to \$4.00. Buff Drakes \$2.00. Mearl Wolfkill, Garden City, Kan.

68 VARIETIES FINE PURE BRED POULTRY, stock, eggs, chicks. Large catalog 5c. A. A. Ziemer, Austin, Minn.

1949 COCKERELS, 49 VARIETIES. HATCHING eggs. Baby chicks. Free Book. Aye Bros., Blair, Neb. Box 5.

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.

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.

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.

## State Herds in Big Milk Gain

(Continued from Page 7)

Six herds now are federal accredited as being free of tuberculosis and six other herds are well along toward that goal altho testing has not been completed. One herd, that at the Soldiers' Home at Dodge City, has not been T. B. tested. In the fiscal year ending July, 1922, 1,258 tests were made by federal veterinarians and 66 diseased animals were removed from 12 herds. Thirty-nine of these were in the beef herd at Hutchinson which had not previously been tested. The loss, exclusive of this one instance, was 2.7 per cent.

A great deal of attention is being given to herd sires. Bulls are being selected from good blood lines in order to improve the quality of cattle thru breeding. These bulls are being retained, where their offspring justify, and are being exchanged between institutions so they may render the greatest service in building up all the state herds. When the quality of a sire is proved he will be kept in service until he dies and will benefit several herds instead of one.

In addition to the monthly inspections by Mr. Coleman, the dairy husbandry department every year invites the men in charge of state dairy herds to spend five days at the college and attend a short course in dairying, in which feeding, care of animals, feed production and other phases of the dairy business are studied. These meetings, Mr. Becker says, have brought about closer co-operation between the department and the men in charge of the herds and have enabled all to improve their production records.

During the last fiscal year seven bulls were purchased and one leased by state institutions. Seventeen registered Holstein cows and heifers were bought by Osawatomie and Winfield.

There are in the 13 state owned herds 1,082 animals of which 186 are purebred. The largest herd is at the state penitentiary at Lansing which numbers 153 animals and the second largest, 123 animals, is located at Larned.

The herd at the Kansas Girls' Industrial School at Beloit ranks first in high production with an average of 10,177 pounds of milk and 363.1 pounds of fat a cow. Norton is second, Osawatomie third and Parsons, fourth.

Sixty-two registered cows in production during the year, averaged 7,483 pounds of milk and 265 pounds of butterfat. Three hundred and eleven grade cows averaged 6,815 pounds of milk and 235 pounds of butterfat. These 373 cows had a combined average of 7,194 pounds of milk and 240 pounds of butterfat as compared to the average production of Kansas cows which is 3,250 pounds of milk.

During the year the state dairy herds produced 3,433,115 pounds of milk, containing 114,325 pounds of butterfat, which was valued at \$107,684. The cost of feeding was \$24,978, leaving a net balance in favor of the herds of \$82,706.

State herds are handled by Mr. Coleman as a cow testing association and a systematic program of testing is provided at every institution.

Too many orchardists are standing treat at bunny bark banquets these days.

## SEVERAL VARIETIES EGGS

HATCHING EGGS, FROM BRED-TO-LAY Rocks, Reds, Leghorns, Orpingtons. Satisfaction guaranteed. V. Taylor, Holton, Kan.

## POULTRY PRODUCTS WANTED

WRITE FOR CASH OFFER ON TURKEYS, chickens and eggs. We loan coops and cages free. "The Copes," 220 Kansas Ave., Topeka, Kan.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

## Lice-Proof Nests

NO MORE LICE OR MITES—Get 20 to 50% More Eggs Over 70,000 in Use

SPECIAL OFFER New Low Price Knudson Guaranteed Sanitary Galvanized Steel Litter-Proof Nests—Costs less than wood. Send name for free folder with Special Price Offer, Nests, Foundations, Brood Coops and other Poultry Appliances.

SEAMAN-SCHUSKE M. W. CO., Dept. 622 St. Joseph, 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. Reds, Buff Orpingtons, Postpaid, 100% live delivery guaranteed. Catalog free, Box 2874.

LINDSTROM HATCHERY, CLINTON, 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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For Real Estate Advertising on This Page

45c a line per issue on 4 time orders.  
50c a line per issue on 1 time orders.

### Special Notice

All advertising copy must be in the hands of the Real Estate Department by 10 o'clock Saturday morning, one week in advance of publication.

### REAL ESTATE

**GROW ORANGES.** Grape Fruit, Pecans, Truck, on the Gulf Coast, 5 to 20 acre tracts, \$25.00 per acre and up. Address Magnolia State Land Co., Iola, Kan.

**WE HAVE SOLD ONE SIDE** of the Earth, and now starting on the other. The best bargains on earth. Write for booklet. Saunders & McKinney, Cahoon, Mo.

**OWN A FARM** in Minnesota, Dakota, Montana, Idaho, Washington or Oregon. Crop payment or easy terms. Free literature. Mention state.

H. W. Byerly,  
81 Northern Pacific Ry., St. Paul, Minn.

**THE GREAT NORTHERN RAILWAY** HAS 8,000 miles of railroad in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. In this vast empire lands are cheap. Send for free book describing grain lands, dairying, fruit growing and stock raising. E. C. Leedy, General Agricultural Development Agent, Dept. G, St. Paul, Minn.

**GOOD FARMS AND RANCHES**, many well improved, located in North Dakota, Montana, and Western Canada, offered for quick sale at bargain prices. Wholesale or retail. Units of from 80 acres to 5000 acres. Near markets, schools, churches. Farms will never be as cheap again. Some fine money-making opportunities. Write for booklet giving descriptions, prices and terms. Wells-Dickey Co., Dept. 14, Minneapolis, Minnesota.

### A FARM FOR YOU

**READY FOR SPRING PLANTING**  
Strout's New Catalog—Just out—describes bargains throughout Mo., Ark., Tex., Colo., Okla., Kan. and 27 other states; farms with livestock, tools, seed, equipment ready to produce from day of possession. Just look at 40-acre farm page 32: only \$250 needed; on improved road, handy depot town; house with porch, good barn, poultry house; price \$360. On page 11 see 80 acres for \$2,800, part cash; 12 cattle, 10 hogs, corn, hay, implements included, close village, limestone tillage, 150 fruit trees, 5 acres in alfalfa, house with piazzas, good barn, poultry house with R. R. town, grows big crops corn, wheat, hay, alfalfa, bluegrass pasture, 7-room house, barn, poultry houses, etc., horses, cows, calves, 17 hogs, poultry, full implements, furniture included, all \$6500. 25,000 sales prove helpfulness of our service. It's yours for the asking. Start right by getting this big blue book. Copy free. Write today. Strout Farm Agency, 831P, New York Life Bldg., Kansas City, Mo.

### KANSAS

**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.

**WESTERN KANSAS** land, cheap. Easy terms. Write Jas. H. Little, LaCrosse, Kan.

**158 ACRES** bottom land, (not overflow) improved, \$1500 down or more. Box 662, Owner, Burlington, Kansas.

**400 ACRES**, highly improved. Choice location. Priced to sell or will consider good wheat land. Mansfield Land Co., Ottawa, Kansas.

### Pay No Advance Fee

Don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

### KANSAS

**320 SMOOTH** fine farm, well improved, fine location, \$47.50 acre; terms to suit. Mansfield Investment & Realty Co., Healy, Kan.

**CORN, WHEAT AND ALFALFA** land, city property, and suburban homes. Send for list. T. B. Godsey, Emporia, Kansas.

**HALF SECTION** choice Sherman county unimproved land 8 mi. north of Goodland, Kan. E. B. Greiger, Goodland, Kansas.

**160 ACRES IMPROVED**, \$2900 only \$600 cash balance easy terms. Seward Co. Write quick for immediate possession. Griffith & Baughman, Liberal, Kansas.

**270 A. CREEK BOTTOM** Stock Farm; 8 rm. modern elec. lighted house and barns. Est. hog business. Great bargain. L. N. Tryon, Burlington, Kansas.

**80 A. \$50 PER A.**, 120 A. \$75 per A., 160 A. \$60 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, \$87.50 per acre, \$1,000 cash. The Allen County Investment Co., Iola, Kansas.

**FOR SALE EIGHT CHOICE SECTIONS** Wallace County, Kan., one to three miles of Weskan. Agents wanted. C. E. Mitchen, Harvard, Illinois.

**80 A. Coffey Co.**, 3 1/2 mi. town, 20 A. alfalfa, 12 A. wheat, 18 A. plowed. Spring crop, 30 A. pasture. Good house, new barn, plenty water. Price \$65 per A. E. Makin, Olivet, Kan.

**BUY IN** northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kansas.

**120 A. SECOND BOTTOM**, well imp. 55 A. cultivation, bal. pasture; 40 A. hog tight; large hog barn; 6 1/2 miles Howard. Will sacrifice at \$40 per A. Inc. \$1,000. Oliver Galles, Howard, Kansas.

**160 A. WELL IMP.**, 3 mi. out, \$125 per A. 80 A. imp. 20 A. wheat, 7 mi. out, \$125 per A. 58 A. fruit farm, 7 mi. out, imp. \$1500, terms. Other bargains. Clark & McAnaney, Paola, Kan.

### 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.

**240 ACRES LEVEL PRAIRIE LAND** in Riley county, 150 A. in wheat, balance in cultivation; good improvements, good stockyards. Price \$150 per acre. Write for information. F. O. Clark, 725 Houston St., Manhattan, Kansas.

**50 ACRES**, modern home, 2 1/2 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.

### COMBINATION FARM

480 acres. Eastern Kansas; rich black dirt, 120 growing wheat; plenty water; large improvements; \$85 per acre; it's worth \$125 today; easy terms; possession. Mansfield Land & Loan Company, 415 Bonfils Bldg., Kansas City, Mo.

### KANSAS

**ACRES 320**—alfalfa, corn and grass, apiary, 8 rm. house, barn for 10 horses, cattle sheds and bunks, hog houses, 2 never failing springs, windmill, water in house 2 mi. Eskridge, Kan. 50 mi. from Topeka. High and grade school, \$7,000 will handle. F. G. Macdonald, 3624 Bell, K. C., Mo.

**ELEVATOR FOR SALE.** Good roomy building. Modern equip. Situated on own ground. Good business, good locality. Will receive sealed bids up to February 15th at 12 A. M. When bids will be opened. Right reserved to reject any or all bids. For further information see or write Farmers Co-op. Union Elevator Co., Olathe, Kansas.

### ARKANSAS

**FREE HOMESTEAD** land, beautiful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write M. Decker, Norfolk, Ark.

**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 J. M. Doyel, Mountainburg, Arkansas.

### CALIFORNIA

**IF YOU WANT** to live in California write Kings County Chamber of Commerce, Hanford, California, for free booklets.

### COLORADO

**IMPROVED 320** well watered, alfalfa, beet, potato land. Trade \$4,000 will handle. 6%. Owner, 625 Santa Fe, Denver, Colo.

**CHOICE** Government Land, coming under irrigation, near Grand Junction. Easy terms. Co-op. Colony, Box C. K. 125, Clifton, Colo.

**PARTIES DESIRING STOCK RANCH** with running water in open range or good smooth wheat land will do well to write Steve Canfield, Holly, Colo.

**FOR SALE TEN CHOICE SECTIONS**, east of Cheyenne Wells, Cheyenne County, Colorado. Agents wanted. C. E. Mitchen, Harvard, Illinois.

**240 ACRES** well improved land 1 mi. from good town. Good schools, mostly bottom land, good shallow water, plenty hay, good farm. Price \$50 acre, easy terms. Write Box 129, Kit Carson, Colo.

**NEAR DENVER**—Ideal suburban home with good income, near car and good school, 10 acres fruit and garden, cherries, plums, apples, raspberries, etc. 7 rm. brick house electric lights, hot and cold water, tenant house, barn, large chicken house, maple and elm shade trees, large lawn, unobstructed view mountains. This place is going to sell. See me before Mar 1. Owner W. R. Young, Wagon, Kansas.

### IRRIGATED CROPS NEVER FAIL

125 A. well improved, 3 1/2 A. irrigated, 50 A. alfalfa, \$27,000.

50 A. full water right, 3/4 in alfalfa, \$22,500.

135 A. improved, full water right, \$16,000, 40 A. full water right. Fine improvements, \$325 per A.

40 A. improved, full water, \$8,000, 160 A. full water. Very finest improvements. All cultivated. To close estate, \$29,000.

166 A. improved, Excellent water right, \$32,000.

These lands are the very best in Colorado and are priced for cash. Write me for particulars and terms. Will Keen, Realtor, Pueblo, Colorado.

### WESTERN COLORADO

**LONG GROWING SEASON**, irrigation water in abundance and a wonderful climate make the valley of the Colorado the garden spot of the state for general farming, fruit and truck. Practical farmers invited to write for information. The Mesa County Chamber of Commerce, X Dept. A, Grand Junction, Colorado "The Garden of the Rockies"

### MARYLAND

**FARM** where you get big prices for your products. World's big markets next door. Sunny South Maryland offers good farms, reasonable price, good roads, schools, etc. Gen. farming, truck, poultry, fruit, stock. Write for facts. (No fees.) Southern Maryland Immigration Commission College Park, Maryland.

### MISSOURI

**LISTEN**, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

**WRITE** for free list of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

**FOR SALE**—80 acres land, no house, in Christian county, Mo. \$1,000 cash, \$1,100 in payments. Address 45 N. 2nd St., K. C., K.

**POOR MAN'S CHANCE**—25 down, \$5 monthly buys forty acres grain fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-G, Carthage, Missouri.

**DO YOU WANT A HOME** in a mild, healthy climate where the grazing season is long, the feeding season short, winters pure, soils productive? Good improved farms \$20 to \$25 acre. Frank M. Hamel, Marshfield, Mo.

### OKLAHOMA

**5000 160 FARM** one mile from town, 100 acres fine level land in cultivation, balance pasture; some timber; no buildings. Will make you a good farm home. Price \$2200—\$1000 cash and 5 years on balance. Perry DeFord, Watonga, Okla.

### WISCONSIN

**\$100 DOWN**, balance 90 years, pays itself choice Wisconsin far home. Big market, pure crops, grain, clover, fruit, garden, dairy. No drought, sand, swamp, rock. Free fuel. Health, pure water. Write now, Owner Loveland, Plymouth Bld. Minneapolis, Minn.

### TEXAS

**TWO DOLLARS PER ACRE CASH**, and \$2.00 yearly for 19 years gets fine unimproved black loam land. Will improve if desired. Farm Department, S. A. & A. P. Ry., San Antonio, Texas.

**ORANGE AND GRAPE FRUIT LAND** LARGE OR SMALL acreages. For three years one man has averaged \$1,500.00 per acre. Ask about donation of four 20-acre tracts to parties who will put in orange grove. Immigration Department, S. A. & A. P. Ry., San Antonio, Texas.

### WASHINGTON

**DO YOU WANT A HOME** in a rich valley near Spokane on 3 trans-continental railroads, where soil is good, rainfall ample, summers cool, winters moderate? The kind of stump land that pays to clear. Where a farmer with \$1,500.00 can hope to succeed. Timothy and clover green 8 months in year. Natural dairy country. Land cheap. 10 yearly payments, 6%. Humbird Lumber Co., Box 1, Sandpoint, Idaho.

### WYOMING

**WYOMING AGENCY**, dry and irrigated ranches, chicken, dairy and stock farms. Homestead relinquishments cheap. Trades, city lots, stores, summer homes, 16 mi. mountains. Licensed and Bonded Dealer, Glendo, Wyo.

### SALE OR EXCHANGE

**COLORADO LAND**—Sale or trade. Gust Westman, Flagler, Colorado.

**GOOD** improved quarter for sale or trade. Harper Co., Kan. Box 125, Corwin, Kan.

**TRADES**—What have you? List free. Bersie Farm Agency, El Dorado, Kansas.

**GOOD** improved farm for sale or trade, J. M. Mason, 2274, Russell, Kansas City, Kan.

**HARDWARE WANTED**—For 320 A. smooth unimproved, 4 miles town, Scott county. C. M. Starr, Scott City, Kansas.

**FOR SALE OR TRADE**: Hardware, harness, stock and building. Want land in Southeast Kan. Owner, Box 28, Mound Valley, Kan.

**FOR SALE** or trade highly imp. 80 A. irrigated farm, Big Horn Basin, Govt. System, no crop failures, want Kan. Neb. farm, goods, or garage. John Wheeler, Powell, Wyo.

**MODERN HOME**, Harper, Kan., 200 ft. by 320 ft., 2 blks. Christian College; old shade, fruit. Ideal home, priced right. Write owner. Will exchange for Wichita property. A. G. Washburn, Wichita, Kansas.

**300 A. WHEAT LAND**, Scott Co., Kan. 7-room house, barn, cattle shed, granary, fine condition. Price \$40 per A. Want East. in Kan. farm. Dept. M, Mansfield Land & Loan Co., Lawrence, Kansas.

**2360 ACRE** stock and farm ranch. Well improved, 3 miles of Peyton \$20 per acre. Will take small Kansas ranch. All clear and good terms. Many others 160 acres up. Write me for bargain. J. W. Ellis, Peyton, Colo.

### REAL ESTATE WANTED

**FARM WANTED**—Give description, cash price. R. E. Leaderbrand, Cimarron, Kan.

**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, Kan.

**CASH BUYERS** want Kan. and Colo. farms, spring delivery. Don't wait, write now. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

**WANT TO HEAR** from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

**FARMS WANTED**. Sell your farm quick for cash. New method, small expense. Weaver Sales Co. Congress Bldg. Dept. 4, Detroit, Mich.

**SELL YOUR PROPERTY QUICKLY** for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

### 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.

Interest Annual or Semi-Annual.

THE PIONEER MORTGAGE CO.,

TOPEKA, KANSAS.

### FOR RENT OR LEASE

**FOR SALE OR RENT**, newly improved 40, well improved 125 acres. Bargain. Owner John Deer, Neodesha, Kan.

### FOR RENT

**IRRIGATED FARM**, Burg, Lakin, Kansas.

**FOR RENT**: Three improved stock and grain farms near Buxton, Kansas. Owner, John Deer, Neodesha, Kansas.

Did you ever think of putting mother's woodbox on wheels or casters? It's just one of those little conveniences that will lengthen her life.

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**KANSAS FARMER and MAIL & BREEZE**  
Topeka, Kansas

### RATES

50c a line for 1 time

45c a line per issue

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Enclose find \$..... Run ad written

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### COPY

## What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

### Stockmen and Farmers at Fort Scott Have a Livestock Pavilion Costing \$15,000

FORT SCOTT and the surrounding country are just completing a sale pavilion at a cost of \$15,000," writes C. M. Howard of Hammond. "The building is of brick, 80 by 100 feet, and is situated next to the site of old Convention Hall, which is on one of the best streets in the town. The pavilion has been leased to Charles Roodhouse for his Saturday sales and the rest of the week it is open for any sale or stock show that may need it." The Fort Scott Chamber of Commerce put the proposition over, with the help of the Interstate Shorthorn Association and others. The association will hold its future sales and shows in this building with the hope of building up a better market for the Shorthorns. The show and sale held about a month ago brought out a fine display of cattle, some of which came from the Royal show at Kansas City. It was a success.

#### Keep Stalls Well Bedded

The general health of the livestock will be better during winter months if a layer of hay is left on the haymow floor to prevent cold air from striking the animals in the stalls below. If the cold air is permitted to come in contact with the bare boards of the mow it is not only difficult to keep the barn warm, but frost forms on the ceiling above the stock in severe weather. This frequently chills the animals.

The stock will also be made more comfortable if a foot or two of hay is left scattered on the barn floor. This keeps the building warmer, the cattle and horses do not feel drafts that circulate on the floor and the hay covering prevents the frost deposit.

#### Help Pay Secretary's Salary

The distinction of recording the sixth largest number of Hereford cattle registered by one concern with the American Hereford Association during 1922 goes to C. G. Cochran & Son of Hays, Kan. They registered 393 head. Only five other concerns registered more. They are as follows: Greene Cattle Company, Patagonia, Ariz., 825; Hereford Corporation of Cheyenne, Wyoming, 657; T. E. Mitchell, Albert, N. M., 509; Scharbauer & Fidler, Midland, Tex., 459; Gus B. Coats, Dalhart, Tex., 458.

J. W. Greenleaf of Greensburg, Kan., stood eighth, having registered 308 head of Herefords.

#### W. H. Fulks' Duroc Sale

W. H. Fulks of Langdon, Kan., held his Duroc sale February 6. Seventeen sows and 18 spring gilts were sold. The sows averaged \$64.75 a head and the gilts \$41.75. The average on the 35 head of females was \$53 a head. The offering was taken by 17 buyers. Well grown hogs were rather scarce in this sale because Mr. Fulks had sold off a number of the good ones that he had produced in his herd. Also a number of females had been bred to farrow late in the spring.

#### G. M. Shepherd's Duroc Sale

G. M. Shepherd of Lyons, Kan., held a very successful Duroc sale February 5. Twenty-nine buyers took 38 sows and gilts at an average of \$71.50. Twenty-eight sows averaged \$75.50. Ten gilts averaged \$60.50. Top was Pathfinder Rose, a 5-year-old daughter of Pathfinder, at \$260 to Long & Son, Ellsworth, Kan. Second top was a fall yearling by Shepherd's Orion Sensation, out of Miss King Pathfinder 6th, to Cland Brand, Kingman, for \$165.

#### Shorthorns and Wheat Yield

The inquiry for purebred cattle is a great deal more pronounced than it was last year. Several new small herds of Shorthorns have been started in Clay county in the last three months, and others are figuring on buying foundation females.

Several men just lately have bought good bulls and will start grading up their cattle, as they say raising wheat

exclusively is wearing out the land too fast and is not making them any money. A piece of wheat, 60 acres, on a stock farm in 1922 made 27 bushels. A piece just across the road, 80 acres, on a farm with no livestock, produced only 15 bushels. This case tho rather pronounced is, I believe, typical of the two systems of farming. S. B. Amcoats.

Clay Center, Kan.

#### Hay for Brood Sows

Haying brood sows pays, according to John M. Evvard of the animal husbandry section of the Iowa Agricultural Experiment Station. Not only does the hay keep the sows from becoming overfat during pregnancy, but it supplies protein which aids in developing better pigs.

Experiments conducted at the Iowa Experiment Station show that pigs from sows fed corn alone weighed only 1.74 pounds at birth, while pigs from sows which were fed plenty of good clover or alfalfa hay weighed 2.3 pounds at birth. Not only were the pigs heavier, but they were more hardy and withstood the attacks of disease better.

Costs of the pigs showed that the corn fed sows produced pigs at a cost of 41 cents a pig, while the hay fed sows' pigs cost only 26 cents apiece. The alfalfa was charged at \$15 per ton and the corn at 50 cents a bushel.

#### Zink Stock Farm Duroc Sale

The Duroc sale held by Zink Stock Farms, Turon, Kan., Feb. 7, was decidedly the best of the season up to that date. Twenty-seven buyers took the 33 sows and four gilts at an average of \$85 for sows and \$81.25 for gilts or \$84.50 as an average for the whole offering.

Females bred to Great Pathmaster, the junior sire were in demand by buyers. The 20 females in service to this boar averaged exactly \$106. The top was a spring yearling by the Great Pathrion, 1920 Kansas Grand Champion bred to Great Pathmaster and went to M. I. Brower, Sedgwick, Kan., at \$245. Next best good sow went to Hugh Morrison, Pratt, Kan., at \$200. This was a fall yearling to Great Sensation Wonder bred to Great Pathmaster. Eight sold for \$100 or more. Eleven sold above the average of the sale.

#### Southwest Stock Show at Lamar

The 2nd annual Southwest Stock Show will be held in Lamar, Colo., February 21 and February 22 and a large attendance is expected.

Present indications are that there will be a particularly large hog show this year, and that the beef show will be far superior to last year's exhibit. However, the dairy show will be the main event, as usual.

#### Hays Station to Sell 34 Cows

The Western Kansas Experiment Station of Fort Hays, according to a recent report sent out by L. C. Alcher, the superintendent, has 34 cows that are offered for sale. These are due to calve in March and April and have been bred to some very good bulls.

Farmers in Western Kansas who need a few good cows would do well to keep this in mind.

#### Cattle Lice are Expensive Boarders

Why spend money on valuable cattle feed to nourish lice?

During this season of the year cattle are often affected with lice, young stock being most susceptible, tho milk cows are not exempt.

At such a time as this it is very expensive to waste any feed, and when one considers the amount of food material that these insects must consume thru the blood, it is easily seen how greatly they increase the cost of milk production.

Coal tar dips and sprays may be used with success, but where there are not too many animals affected, kerosene and lard mixed according to the

## Duroc Jersey Sows

From one of Missouri's Very Best Herds. Individuality and Bloodlines Approximate Perfection

### East Lynne, Mo., Feb. 26

Most of them bred to REGULATOR. Regulator is BIG. He is impressive in appearance with that rare style and quality so much sought after. A few gilts mated to a wonderful son of Scissors, and LOOK!! This Scissors boar—a Spring pig—will be sold in this auction.

These young sows are by:

Rainbow King  
Super Sensation  
Woodford Sensation  
Defender Trailmaker  
Great Wonder Pathfinder

Stilts  
Stilts Model  
Elevator  
Giant Scissors  
Giant Sensation

And the Sows Are Just as Good as the Breeding Indicates.

"L. R. Kircher is one of the most careful, reliable men we have in the Duroc industry. He has mated this offering for best results; just as he would for use in his own herd. This means buyers are getting the benefit of his judgment. This auction is composed of the right class of hogs; they should prove safe, sensible investments."—C. L. Carter.

Col. F. M. Holtsinger, Auctioneer. C. L. Carter, Fieldman.

I guarantee satisfaction on all purchases made by Carter. May I send you a catalog?

**L. R. Kircher, East Lynne, Mo.**

## Childear's Cedarcroft Stock Farm Durocs

9 Tried Sows, 6 Fall Yearlings, 18 Spring Gilts

### Sale at Pavilion, Emporia, Kansas, Wednesday, Feb. 21

HERD SIRES: ORION PATHFINDER by Pathfinder's Model by Pathfinder out of daughter of illustrious Orion. This boar and his littermate took first and second in class at 1921-Central Kan. fair; SENSATION PATHFINDER by Sensation Orion by Great Orion, 1918 world's grand champion, out of a daughter of Pathfinder's Image. This boar was 2nd in class in strong competition, 1921 Central Kan. fair. His dam was made grand champion at same fair; MODEL ORION WONDER by Orion Wonder Chief out of a daughter of Model Alley was junior champion against 16 competitors at 1922 Central Kan. fair, Emporia, Kan. CHILDEARS HAS A WINNING SORT OF A HERD.

Fall gilts and tried sows are bred to Sensation Pathfinder. The 18 spring gilts are extra good ones picked from over 125 head of gilts in the herd and bred to Model Orion Wonder. He is long, tall, good boned and straight legged.

A real good offering and well worth your further consideration. Send for a catalog at once. Address,

**D. Arthur Childears, Emporia, Kansas**

Please mention Kansas Farmer. Send all bids to J. T. Hunter.

Auctioneers: Wood and Crouch; Fieldman: J. T. Hunter

#### DUROC JERSEY HOGS

### 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

### E. G. HOOVER'S DUROCS

Gilts for pig clubs. Priced right. Herd sires: Orchard Scissors by Scissors, Goldmaster by Pathmaster, etc.

E. G. HOOVER, WICHITA, KANSAS

### 200 Duroc Gilts

Bred for spring farrow to five State Fair prize winning boars. Special prices on carload lots.

F. C. CROCKER, Box B, FILLEY, 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.

### Very Choice Spring Gilts

Sired by Pathfinder's Orion, High Giant, Pathfinder's Disturber, and bred to Lincoln Commander, a son of The Commander, the 1922 grand champion. Shipped on approval. LEWIS SCHMIDT, BARNARD, 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.

### Shepherd's Duroc Boar Bargains

A half dozen extra good ones to move quickly. By Sensational Pilot, 1921 Topeka g. c., out of Great Orion Sensation dams, and by Sensational Giant by Big Orion Sensation out of Orion Cherry King dams. Priced to sell. Write immediately. G. M. Shepherd, Lyons, Kan.

### Bred Gilts

For March and April farrow. \$30.00 each. Boars from 75 to 250 lbs., \$15.00 to \$30.00. Well bred. Crated. With pedigrees. Also fall gilts.

J. E. WELER, HOLTON, KANSAS

### 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. Immed.

ERNEST A. REED, LYONS, KAN.

### 35 Duroc Bred Gilts and Boars

Photos of spring boars by Smooth Sensation. Sows and gilts bred to Smooth Sensation and son of Pathfinder Jr. Cholera immune. Registered and guaranteed. Describe your wants. Homer Drake, Sterling, Ks.

### Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related by Hurdler Pathfinder and Valley Wonder Sensation. E. G. MUNSSELL, RUSSELL, KANSAS.

GILTS BY PATHFINDER'S VICTORY and Scissors 2nd. Big type, thrifty, 110 lbs., \$15 each. Conrad Kneif, Sublette, Kansas.

#### DUROC JERSEY HOGS

## Quality Durocs

In a Strictly Quality Sale  
Oberlin's Modern Sale Pavilion

**Oberlin, Kan.**

**Saturday, Feb. 24**

Nothing better anywhere. 60 Very Choice, sired by Great Orion Sensation; Orion Sensation, Scissors, Uneeda Orion Sensation; Sensation King; Pathmaster; A High Sensation; The Hit, and others of note. Bred to our herd boar, Sensation King I Am, a real breeding son of the Iowa grand champion, Sensation King; and others of equal merit. Sale catalog ready to mail. Address

**G. W. Blickenstaff, Oberlin, Ks.**

N. G. Kraschel, Auctioneer.

## BRAUER PURE-BRED DUROC COMPANY

Colorado Springs, Colo.

High class hogs at reasonable prices. We invite correspondence.

### Blood of the Champions

VALLEY SPRINGS DUROCS

Sensations, Pathfinders, Orions, Cola. Boars all ages. Sows and gilts for spring farrow mated to son of Stilts, Pathfinder, Scissors, Great Orion Sensation, Pathfinder Paramount, Stilts Model, etc. Reasonable prices; immune; 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 \$20 each, two for \$35. 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

### Duroc Bred Sow Sale February 21

Best blood lines represented. Catalog on request. Tallman Bros., Smith Center, Kan.

## 50 Tops From 80 Tried Duroc Jersey Sows

Lock Davidson, Wichita, Kan., Sells 40 Sows and 10 Gilts at His Farm  
Caldwell, Kansas, Wednesday, February 28

### Foundation of the Davidson Herd

An offering out of 30 sows and gilts bought last winter and spring from the best Kansas herds and 50 more from Illinois were the foundation of the Davidson herd. Sale offering is in service to  
**INTENSE ORION SENSATION** by Great Orion Sensation out of Lady Earline.  
**PATHFINDER ROYAL ORION** by Pathfinder Royal Orion by Royal Pathfinder, twice world's aged champion.  
Each of these sires is by a world's champion and are good sires also. A few are in service to my recently purchased son of Taxpayer. The females include the four popular families, Pathfinders, Colonels, Sensations, and Orion Cherry Kings—not a cold blooded female in the offering.  
Please mention Kansas Farmer. Write for a catalog. Address,

**Lock Davidson, Wichita, Kansas**

Send mail bids to J. T. Hunter who will represent the Kansas Farmer. Sale 2 miles southeast of Caldwell, Kan.  
Royd Newcom, Auctioneer

J. T. Hunter, Fieldman

## Reno County Duroc Association Sale

Hutchinson, Kan., Tuesday, Feb. 27

The following named breeders consign a few choice sows and gilts:  
W. H. Fulks, Langdon, Kan., 8 head; Homer Drake, Sterling, Kan., 3 head; Carl Jones, Langdon, Kan., 7 head; Roy Cranston, Langdon, Kan., 2 head; Perry McAtee, Arlington, Kan., 2 head; W. R. Crow, Hutchinson, Kan., 2 head; J. C. Seyb, Pretty Prairie, Kan., 1 head; W. H. Seyb, Pretty Prairie, Kan., 2 head; G. Fred Williams, Darlow, Kan., 1 head; J. P. Todd, Pretty Prairie, Kan., 2 head; Walter Horton, Plevna, Kan., 2 head; Geo. Griffin, Nickerson, Kan., 1 head; Dean Bailey, Pratt, Kan., 2 head; Ralph Maughlin, Sylvia, Kan., 2 head.

A number of the females in this offering were sired by these well known sires: Pathfinder Jr., Victory Sensation 3rd, Jack's Orion King 2nd, Smooth Sensation, Shepherd's Orion Sensation, etc.

Write for a catalog. Address

**V. S. Crippen, County Agent, Hutchinson, Kansas**

Please mention Kansas Farmer and Mail and Breeze.

## Big Clean Up Sale Here

at the farm, five miles straight north of town,

**Cawker City, Kan., February 23**

### 50 Duroc Jerseys Selling

Six spring gilts by Golden Illustrator;  
Four spring gilts by Buster Orion;  
Eight spring gilts by Gen Pathfinder;  
Two fall yearlings by Illustrator's Long Boy;  
Two tried sows registered. Good. All are bred to Giant Pathfinder.  
10 fall boars and 17 fall gilts by Giant Pathfinder. One herd boar, Buster Orion.  
Also a lot of stock hogs and a general clean up sale of horses, cattle, farm machinery, etc. Catalogs ready to mail. Address,

**G. R. Coad, Cawker City, Kansas**

Aucts: Will Myers, J. B. Hinen, J. W. Johnson fieldman, Mail and Breeze.

## Bates County Duroc Breeders' Ass'n Bred Sow Sale, Butler, Mo., Feb. 27

8 Tried Sows, 7 Fall Yearlings, 25 Spring Gilts.

Bred to Takoma Sensation, O. K. Sensation, Scissors Stills, Jack's Orion Sensation, Sensation's Wonder, High Pathmaster and Sensation Orion. These splendid sows are tops from the herds of A. L. and J. M. Erwin, Jas. E. Park, A. B. Simpson, E. E. Fink, J. B. Barr and Walter F. Hollingsworth. Most of the offering are prize winning gilts mated to prize winning boars. Get your catalog now.

**Walter E. Hollingsworth, Sales Mgr., Butler, Missouri**  
C. L. Carter, Fieldman.

## A Better Lot of Durocs

Has Never Been Sold. We Can Prove It To You

**Lockwood, Mo., Wednesday, February 21**  
(40 Miles from Fort Scott, Kan.)

Sows are bred to O. K. SCISSORS, by Jackson's Orion King out of a Scissors dam; WONDER PATHFINDER, first at Mo. State Fair 1919, Ozark Stock Show 1921. THE GET OF THESE BOARS ARE ALWAYS IN DEMAND. Sows mated to them are daughters of Wonder Pathfinder, O. K. Scissors, Stills, Model, Stills 1 Am, Son Stills, Pathmaster, Great Orion Jr., Ed's Walt's Top Col., Great Orion Sensation, Walt's Cherry Col., King of Orion Cherries, King Willetta, Grand Sensation, Sensation Climax, and Sensational Defender. DON'T MISS THIS SALE. THESE ARE SUPERIOR DUROCS. We guarantee satisfaction on all bids sent to Carter. We sell 3 young boars by O. K. Scissors out of Ideal Pathfinder dam: The best we ever saw.

**A. L. Guthridge or I. F. Preston, Lockwood, Mo.**

following formula will serve the purpose.

Mix  $\frac{1}{2}$  pint of kerosene warmed in hot water with 1 pound of melted lard and apply along the animal's back and neck. If the hair is long the back of the animal should be clipped.

Another means of eradicating lice is by the Kentucky-Black Leaf 40 Method. The following formula is recommended: One pint Black Leaf 40 to 86 gallons of water or  $\frac{1}{2}$  pint of Black Leaf 40 to 43 gallons of water or  $\frac{1}{4}$  pint of Black Leaf 40 to 21 gallons of water. Apply with brush along back and neck.

### Deaths From Motor Cars

Mortality tables now have a new column, for the deaths from automobiles. The record for 1922 is not yet compiled, but for 33 states and the District of Columbia reporting in 1921 the mortality was 9,903, Kansas contributing 163. This is a bad showing, but looks small when compared with 867 for California, 887 for Illinois, 1,060 for Pennsylvania and 1,632 for New York. Nearly half the deaths from automobile accidents in 1921 occurred in these four states.

The Kansas record, in fact, is notably low, the only state of the 34 having a smaller death rate from this cause in proportion to number of automobiles registered being Nebraska. The number of deaths in Nebraska was 4.4 to every 10,000 motor vehicles and in Kansas was 5.7. New York's mortality was 20.1, New Jersey's 17.7 and Connecticut 16.4 to every 10,000 cars, these states leading the country in fatal accidents in proportion to number of motor vehicles.

Yet Nebraska's record shows that Kansas is too high and there is occasion for greater vigilance and carefulness both by drivers and pedestrians. This is, of course, particularly true in cities.

### Ford Wins Judging Contest

B. F. Ford, a stock breeder from Seneca, won the amateur stock judging contest head at the Kansas State Agricultural College, February 9, as a part of the Farm and Home Week program. W. J. Sayre of Manhattan won second, W. A. Gladfelder of Emporia, third, and James Mitchell of Valley Falls, fourth.

In the separate classes, B. F. Ford won first on horses, third on cattle, third on hogs, and second on sheep. C. C. Otto of Riley won first on cattle, W. A. Gladfelder, first on hogs, and R. J. Biel of Spearville, first on sheep.

A silver loving cup was awarded to Mr. Ford. The prize winners in the separate classes were awarded ribbons. Prizes were presented at the Friday evening assembly of Farm and Home Week.

### Business and Markets

(Continued from Page 26)

May wheat, \$1.17 $\frac{1}{2}$ ; July wheat, \$1.07 $\frac{1}{2}$ ; September wheat, \$1.05 $\frac{1}{2}$ ; May corn, 78 $\frac{1}{2}$ c; July corn, 74 $\frac{1}{2}$ c; September corn, 74 $\frac{1}{2}$ c; May oats, 44 $\frac{1}{2}$ c.

### Slight Gains in Cotton

World cotton stocks show that the supply and carryover next August will be only 6,621,000 bales which is a decline of 8 million bales in two years. Market quotations at present are 5 to 7 points higher and final quotations for New Orleans are as follows: March cotton, 28.20c; May cotton, 27.95c; July cotton, 27.50c; October cotton, 24.78c; December cotton, 24.58c.

### Cash Quotations on Wheat

All grades of wheat at Kansas City on cash sales are unchanged to 1 cent higher. The following quotations are given at Kansas City:  
No. 1 dark hard wheat, \$1.19 to \$1.27; No. 2 dark hard, \$1.19 to \$1.27; No. 3 dark hard, \$1.19 to \$1.23; No. 4 dark hard, \$1.18 to \$1.23.  
No. 1 hard wheat, \$1.15 to \$1.23; No. 2 hard, \$1.15 to \$1.23; No. 3 hard, \$1.14 to \$1.23; No. 5 hard, \$1.13 to \$1.14.  
No. 1 red wheat, \$1.29 to \$1.31; No. 2 red, \$1.28 to \$1.31; No. 3 red, \$1.25 to \$1.29; No. 4 red, \$1.17 to \$1.25.  
No. 3 mixed, \$1.16 to \$1.19; No. 4 mixed, \$1.18.  
Corn and most other cereals show

advances of a cent or more, but oats are unchanged. The following prices are quoted at Kansas City:

No. 2 white corn, 72 $\frac{1}{2}$ c a bushel; No. 3 white, 71 $\frac{1}{2}$ c; No. 4 white 70 $\frac{1}{2}$ c; No. 2 yellow corn, 72 $\frac{1}{2}$ c; No. 3 yellow, 72c; No. 4 yellow, 71c; No. 2 mixed corn, 71 $\frac{1}{2}$ c; No. 3 mixed, 71 $\frac{1}{2}$ c; No. 4 mixed, 70 $\frac{1}{2}$ c.

No. 2 white oats, 44 to 46c; No. 3 white, 44c; sample white, 43c. No. 2 red oats, 53c; No. 3 red, 49c; No. 4 red, 43c.

No. 2 white kafir, \$1.61 a cwt.; No. 3 white, \$1.61; No. 4 white, \$1.59; No. 2 milo, \$1.77; No. 3 milo, \$1.76; No. 4 milo, \$1.75.

No. 2 rye, 51c; No. 3 barley, 60c; No. 4 barley, 60c.

### Millfeeds Reported Steady

This week millfeeds are reported in fair demand and prices are steady. The following quotations are given at Kansas City:

Bran, \$1.35 a cwt.; gray shorts, \$1.50; brown shorts, \$1.40; linseed meal, \$57.50 a ton; cottonseed meal, \$50; tankage, \$70 to \$75; alfalfa meal, \$26 to \$28; molasses alfalfa feed, \$24 to \$26; grain molasses horse feed, \$28 to \$32; grain molasses hog feed, \$41; poultry feed, \$37 to \$38.

### Seeds and Broomcorn

The following prices are quoted at Kansas City on broomcorn:

Fancy whisk brush, \$500 a ton; fancy hurl, \$480 to \$500; choice Standard, \$450 to \$480; medium Standard, \$350 to \$380; common Oklahoma Dwarf, \$330 to \$350; medium Oklahoma Dwarf, \$350 to \$380.

The following quotations are given on seeds:

Alfalfa, \$10 to \$16 a cwt.; bluegrass, \$15 to \$30, according to quality and quantity; cane, \$2.50 to \$4; flaxseed, \$2.59 a bushel; Sweet clover, \$9.50 a cwt.; Red clover, \$14 to \$18; timothy, \$4.50 to \$6.50.

### Hay Market Unchanged

This week the hay market is steady, but straw is 50 cents higher. The following prices are quoted at Kansas City:

Selected dairy alfalfa hay, \$26 to \$28.50; choice alfalfa, \$24 to \$25; No. 1 alfalfa, \$22.50; standard alfalfa, \$18.50; No. 2 alfalfa, \$16 to \$18; No. 3 alfalfa, \$15 to \$15.50.

No. 1 prairie hay, \$12.50 to \$14; No. 2 prairie, \$11 to \$12; No. 3 prairie, \$15. No. 1 timothy hay, \$15 to \$16; standard timothy, \$14; No. 2 timothy, \$12 to \$13; No. 3 prairie, \$10 to \$12.

Light mixed clover hay, \$15 to \$16; No. 1 mixed clover, \$13 to \$15; No. 2 light mixed clover, \$12 to \$14.50. Straw, \$7.50 to \$8 a ton.

### Public Sales of Livestock

#### Shorthorn Cattle

Feb. 20—J. P. Ray, Lewis, Kan.  
Feb. 20—22—Shorthorn Congress Sale, Chicago, Ill.  
March 12—J. W. Neff, Ulysses, Kan.  
March 26, 27 and 28—Central Shorthorn Breeders Association, Kansas City, Mo.  
March 29—N. P. Lugenbill, Greensburg, Kan.  
Apr. 7—Butler County Shorthorn Association, Sale at Eldorado, Kan.  
April 9—L. L. Humes, Glen Elder, Kan.  
April 9—L. L. Humes, Glen Elder, Kan.  
April 10—North Central Kansas Shorthorn Breeders, Beloit, Kan.  
April 10—J. C. Dell & Son, Beatrice, Neb. Sale at Wymore, Neb.  
April 11—Northwest Kansas Shorthorn Breeders' Assn., Concordia, Kan.  
April 14—Riley, Pottawatomie, Wabunsee Tri County Sale, Manhattan, Kan.  
May 16—Atchison County Breeders, Lancaster, Kan.  
April 19—Northeast Kan. Shorthorn Breeders' Association, Hiawatha, Kan.  
May 16—Atchison County Breeders, Lancaster, Kan.

#### Polled Shorthorns

March 13—Kansas and Missouri Polled Shorthorn Sale at Stock Yards Sale Pavilion, Kansas City, Mo.  
April 20—J. C. Banbury & Sons, Pratt, Kan.

#### Hereford Cattle

Feb. 26—Quality Hill Stock Farm, Princeton, Kan.  
March 24—E. W. Ringen, Sumnerfield, Kan.  
April 25—Northern Kansas Hereford Breeders' Association, Blue Rapids, Kan.

#### Holstein Cattle

Feb. 28—J. P. Halsell and A. R. Taylor and others, Parsons, Kan. Combination sale at Parsons, Kan.  
Mar. 7—8—Closz Bros., Webster City, Ia.  
B. L. 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.  
Feb. 23—Hostetter Engle, Abilene, Kan.

#### Jersey Cattle

Feb. 20—Venell Borovicka, Valley Falls, Kan.

#### Duroc Jersey Hogs

Feb. 19—Andrew McMullen, Gibbon, Neb.  
Feb. 19—G. O. Cleaves, Valley Center, Kan.  
Feb. 19—M. R. Peterson, Troy, Kan., sale pavilion, Bendena, Kan.  
Feb. 20—Katy Moser, Sabetha, Kan.  
Feb. 20—A. B. Holmberg, Gibbon, Neb.  
Feb. 20—J. Fear, Bala, Kan.

**DUROC JERSEY HOGS**

**Sows and Gilts of Popular Breeding**  
Bred to a son of Great Orion Sensation and out of a Scissors dam. Priced right.  
**RALPH SCOTT, Rt. 1, BURLINGTON, 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**

**40 Bred Duroc Jersey Gilts**  
New breeding, improved type and best blood lines obtainable. Good big growthy spring boars. Immunized.  
**FRANK HAYNES, GRANTVILLE, KANSAS**

**Bred Sow Sale Feb. 24**

We have a few fall gilts at the RIGHT price.  
**OVERSTAKE BROS., ATLANTA, KANSAS**

**100 Fall Pigs, Choice Ones**

For sale. **R. C. Watson & Sons, Altoona, Ks.**

**Big 325 Pound Spring Duroc Gilts**

For sale. Bred to an extra good boar for March farrow. **ARTHUR A. PATTERSON, Ellsworth, Kansas.**

**SPRING GILTS**, Pathfinder, Sensation, Col. breeding, bred to a grandson of Pathfinder and Great Sensation.  
**Paul Marsh, Sedgwick, Kansas.**

**CHESTER WHITE HOGS**

**Big Type Chester White Bred Sows and Gilts**

We will not hold a bred sow sale, we will offer a number of choice sows and gilts mated to two of the very best sons of Chief Justice 2nd. They are most all sired by Alfalfa Supreme, the sire of our Nebraska 1922 junior Champion gilt. Prices and description on request.  
**W. W. CARPER, DUNBAR, NEB.**

**10 O.I.C. Boars, 40 Fall Pigs**  
**HARRY HAYNES, GRANTVILLE, KANSAS**

**O.I.C. PIGS \$10.00 EACH**  
Bred sows. **E. S. ROBERTSON, Republic, Mo.**

**SPRING GILTS** by Neb. 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, Ks.**

**CHESTER WHITE GILTS**. Bred for spring farrow; vaccinated double method; \$30 to \$35 each. **W. H. Lynch, Neosho Rapids, Kansas.**

**HORSES AND JACK STOCK**

**For Sale or Trade Any or All**

7 Serviceable, High Grade, Large Bone, Reg. Jacks. Also 4 Young Jacks and 7 Jennets. Would make attractive price to clean up entire herd.  
**JOHN H. RUST, ESTATE, OWNER.**  
See or Address **RALPH G. RUST, PARSONS, KANSAS**

**FOR SALE**

Five extra good young Jacks, registered. The big boned kind.  
**JAMES A. LOWE, ERIE, KANSAS**

**Big Reg. Jacks**

For sale, one or a carload. Priced very reasonable. Come and see them.  
**M. H. MALONE, CHASE, KAN.**  
**J. P. MALONE, LYONS, KAN.**

**Registered Percherons**

2-year-old stallion, black, weight 1900 lbs., extra good; clean legs, heavy boned. 4 young mares in foal.  
**CLEM BRUNKER, MANHATTAN, KANSAS**

**PERCHERON MARES AND STALLIONS**  
By son of Casino, and son of Grandford. Out of good dams. The right kind.  
**VANDY G. KOLAR, HARDY, OKLA.**

**2 Reg. Percheron Mares**  
For sale, with foal to reg. stallion. One 3-year-old reg. stallion. **PERKINS & MUNRO, Oswego, Kan.**

**Shire Stallions** from prize Iowa stock. Ready for service. **John Franke, Herndon, Ks.**

**Black Percheron Stallion For Sale**  
Coming eight, wt. 2050. **F. J. Bruns, Nortonville, Ks.**

**GREAT SHOW AND BREEDING JACKS**  
Priced right. **Hineman's Jack Farm, Dighton, Kan.**

**SHIRE HORSES:** A few stallions, brood mares and colts. Our own raising. Choice blood lines. **H. H. Harvey, Clay Center, Neb.**

**STALLIONS, JACKS, MARES.** Reg. Percheron stallions and 40 mares. 35 mammoth Jacks 15 to 16 hands. Priced right. **Al. E. Smith, Lawrence, Kan.**

**GRAND CHAMPION BLACK JACKS**, Best in Kansas, for sale February 15.  
**E. F. Thompson, Dunlap, Kansas**

**GALLOWAY CATTLE**

**REG. GALLOWAYS** Bulls, Cows, and Heifers. **FASHION PLATE, SILVER LAKE, KAN.**

**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 purebred 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, altho 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.

Feb. 20—Quality Hill Stock Farm, Princeton, Kan.

Feb. 21—E. Labart, Overton, Neb.

Feb. 21—D. Arthur Childers, Emporia, Kan.

Feb. 21—Stuckey Bros., Wichita, Kan.

Feb. 21—R. E. Kempin, Corning, Kan.

Feb. 21—Enoch Lungren, Osage City, Kan.

Feb. 22—J. J. Smith, Lawrence, Kan.

Feb. 22—M. I. Bowser, Sedgwick, Kan.

Feb. 22—Dr. J. H. Burdett, Centralia, Kan.

Feb. 22—Arcile 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—Boeckensstette—Woodbury, Comb. Sale, Sabetha, Kan.

Feb. 24—H. W. Flook & Son, Stanley, Kan.

Feb. 24—Glen Blickenstaff, Oberlin, Kan.

Feb. 24—Overstake Bros., Atlanta, Kan.

Feb. 26—Earl Babcock, Fairbury, Neb.

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 2—Zink Stock Farms, Turon, Kan.

March 3—Marcy & Critchfield, Fall River, Kan.

March 6—D. S. Sheard, Esbon, Kan.

March 7—Earl J. Anstett, Osage City, Kan.

Mar. 7—W. H. Rasmussen, Norfolk, Neb.

March 7—L. A. Poe, Hunnewell, Kan.

March 10—Johnson & Dimond, Fairbury, Neb.

March 10—E. W. Nickell and E. L. Newell, Dodge City, Kan.

March 15—Duroc Association, Burlington, Kan.

Mar. 17—Jas. Robison, Towanda, Kan.

March 29—N. P. Lugenbill, Greensburg, Kan.

April 9—L. L. Humes, Glen Elder, Kan.

Apr. 16—Wm. H. England, Ponca City, Okla.

April 17—A. L. and J. M. Erwin, Adrian, Mo.

April 20—Helber & Hylton, Osawatomie, Kan. Sale at Paola, Kan.

April 21—Homer Rule, Ottawa, Kan.

April 26—Laptad Stock Farm, Lawrence, Kan.

**Spotted Poland China Hogs**

Feb. 22—Miller & Manning, Council Grove, Kan.

Feb. 26—Henry Field, Shenandoah, Ia.

Feb. 27—Dr. J. A. Beveridge, Marysville, Kan.

Feb. 28—Kansas State Spotted P. C. Ass'n. at Manhattan, Kan.

Mar. 20—Henry Field, Shenandoah, Ia.

Apr. 17—Henry Field, Shenandoah, Ia.

Oct. 8—C. W. Bale, Chase, Kan.

**Poland China Hogs**

Feb. 26—Stafford County Breeders' Association. Sale at Stafford, Kan.

Feb. 21—W. A. Prewett & Sons, Asherville, Kan., at Beloit, 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.

Mar. 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, Haddam, Kan.

March 9—Dubach Bros., Wathena, Kan.

March 12—J. W. Neff, Ulysses, Kan.

April 26—Laptad Stock Farm, Lawrence, Kan.

**Hampshire Hogs**

Mar. 14—Wickfield Farms, Cantril, Ia. Sale at Sioux City, Ia.

**Berkshire Hogs**

Feb. 21—Missouri Berkshire Breeders' Association, American Royal Sale Pavilion, Kansas City, Mo.

**Sale Reports and Other News**

**New Owner for Bradford Herd**

George Smith, an Augusta capitalist, has purchased the larger part of the Win-a-Home herd of purebred Holsteins, of Milvane, from Fred P. Bradford, of Wichita. The herd has been moved to the recently completed model farm Mr. Smith has built near Augusta. Mr. Bradford will manage the Smith farm.

This herd includes Lady Wayne Ladoga, holder of the seven and thirty-day milk record in Kansas.

**Stafford County Duroc Sale**

An even dozen Stafford County breeders consigned to the Duroc sale at Stafford, Kansas Thursday, February 8th. The 46 head of bred sows and gilts averaged \$36.75. Twenty-three buyers took the offering. There were a few pretty good Durocs in the sale but most of them were fair quality. The few enthusiastic Duroc breeders of Stafford County who try to help the Duroc business of that county do not get the co-operation they deserve from Duroc breeders of that county, whom these few breeders are really trying to help. As a result too many mediocre quality Durocs must be accepted for sale in order to get a sale offering sufficiently large to justify an association sale.

**Ross M. Peck's Duroc Sale**

Ross M. Peck's Duroc Jersey bred sow and gilt sale at his farm near Gypsum, Kan., last Tuesday, February 6, was well attended by farmers from Saline county and adjoining counties and 40 sows and gilts sold for an average of \$30.20. The gilts were not as well grown as they had been in Mr. Peck's former sales but with this exception it was a good offering of well bred gilts, bred to good boars and showing up nicely for early spring litters. The entire offering went to farmers, many of them old customers in former sales. After the sale, Mr. Peck said it was a very good sale and the average was about as much as he had expected. It was an offering that was bought worth the money and the buyers are sure to make money on their purchases.

**L. J. Healy's Duroc Sale**

L. J. Healy, Hope, Kan., opened the central Kansas Duroc Jersey bred sow and gilt sale at the farm joining Hope last Monday, February 5 and sold 45 sows and gilts for an average of \$47.65. The top was \$170 for a 2-year-old sow sired by High Pathfinder and out of a daughter of Great Wonder and bred to Sensation I One. A spring gilt by High Pathfinder sold for \$102.50. Leonard Wrightley, Alta Vista, Kan., bought several sows and gilts around the top. Other buyers were: Jack Thorp, Hope; Charles Mitch, Woodbine, Kan.; John Lundeen, Lavarre, Kan.; Woody and Crowl, Barnard, Kan., and other breeders and farmers from Dickinson and adjoining counties. It was a good offering and well grown and conditioned for the sale. Mr. Healy was selling pretty close because he is moving to Council Grove, Kan., in the spring, where he will continue

# Sensation-Pathfinder Bred Durocs At Auction

sale pavilion on fairgrounds,

**Fairbury, Neb., Saturday, March 10**

## 45 Head of Well Bred Sows and Gilts

Largely of Pathfinder and Sensation breeding. Bred to our herd boars **CRIMSON SENSATION**, a son of the Grand Champion Rainbow Sensation and **BEAU PATHFINDER**. A line bred Sensation with Pathfinder breeding on dams side. The offering will be a good useful one, the sows selling without any fitting. But in condition to do good for their owners. Write for catalog and mention this paper.

## Johnson & Dimond

**R. F. D. 4 Fairbury, Neb.**

Aucts.: Col. Jas. T. McCulloch, Col. Chester McCurdy, Col. L. H. Ernst.

# Babcock's Duroc Bred Sow Sale

In Fairgrounds Pavilion

**Fairbury, Neb., Monday, Feb. 26**

**50 Head of Our Best Offering So Far**

**10 Tried Sows—40 Spring Gilts**



THE NUGGET

40 head bred and showing pig to the service of **THE NUGGET** a great son of the one thousand dollar boar **MAJESTIC SENSATION** by **GREAT ORION SENSATION**. Most of the gilts were sired by **CREDIT SENSATION**, whose sire was second in Nebraska last year. Others are by **LEADING SENSATION**, **LEADERS KING SENSATION** and **MELINA UNEDA SENSATION**. I am selling some of my best tried sows and promise to show one of the good offerings of the year to all of my friends and others who attend. Write now for catalog and mention this paper. If unable to attend send bids to Mr. Johnson in my care.

## Earl Babcock, Fairbury, Neb.

Auct. Col. W. M. Putman, Col. Chet McCurdy, Col. C. B. Clark, Jesse R. Johnson fieldman for Capper Farm Press.

# Zink Stock Farms Duroc Jersey Sale

**Turon, Kansas, Friday, March 2**

**35 Sows—3 Boars**

More than half the females are sired by Great Sensation Wonder and bred to Great Pathmaster. Others are by Giant Choice Goods, etc. Females are bred to farrow March 12 to April 15.

## THREE FALL BOARS BY GREAT PATHMASTER.

An offering of females bred too late to put in our February 7th offering but we assure you that it is an offering that compared favorably with the February 7th offering.

Write for catalog at once. Please mention Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter.

Auctioneer—Boyd Newcom. Fieldman—J. T. Hunter.

## Breeder's Combination Bred Sow Sale

50 Bred Sows and Gilts, Selections From Well Known Herds.  
In the New Sale Pavilion.

### Concordia, Kansas, Monday, February 26

The following breeders have consigned 35 choice Duroc Jersey bred sows and gilts:

Sherwood Bros., Concordia; M. Stensaas, Concordia; W. W. Jones, Beloit, Kan.; Bolen Bros, Downs, Kan.; Earnest LaGasse, Rice, Kan.

C. B. Schrader, Clifton, Kan., Poland Chinas. Mr. Schrader is consigning 10 Poland China bred sows and gilts and they will be good and you can depend on it.

Lynch Bros., Spotted Poland Chinas, Jamestown, Kan. This firm will consign 10 Spotted Poland China bred sows and gilts that will be tops.

Sale catalog ready to mail. The 50 head are cataloged in one book. It is free and you should write for it at once. Address

**E. A. Cory, Sale Manager, Concordia, Kansas**

Auctioneers—Jas. T. McCulloch, G. B. Van Landingham, Dan Perkins.  
J. W. Johnson, Fieldman, Kansas Farmer and Mail and Breeze.

## Big Poland China Event Here

Krill's 1923 Spring Sale of Bred Sows and Gilts are Real Attractions.  
Sale in Town, in Comfortable Quarters.

### Burlingame, Kan., Saturday, Feb. 24

A splendid offering from history making Poland China families:

21 spring gilts, 17 of them by Giant Chief.

Four tried sows, real buys and money makers.

Nine fall yearlings and four spring gilts by the Giant Kansas (Fred Caldwell boar) and very choice.

The tried sows carry the blood of the best to be found anywhere in outstanding boars.

Spring and fall yearlings bred to our herd boar, Main Stay, by High Roller, dam Ruby Buster.

I want you to spend the day with us in Burlingame. For sale catalog address,

**Chas. Krill, Burlingame, Kansas**

Auctioneers, Lester Lowe, M. N. Runyan; J. W. Johnson, Fieldman, Mail and Breeze

## Dean's Poland China Sale

AT FARM NEAR

### Dearborn, Mo., Wednesday, Feb. 28

40 head bred sows and bred gilts. Two choice yearlings sired by Cicotte and bred to Dean's Clansman. The offering will either be sired by or bred to Dean's Clansman. Sale held on farm on electric line, car each way every hour from Kansas City or St. Joseph. Parties coming from Leavenworth on Great Western stop at New Market. I am selling a splendid lot of sows and gilts. I do not expect a high average. Send for catalog to

**Clarence Dean, Weston, Missouri**

O. Wayne Devine, Fieldman

#### POLAND CHINA HOGS

### Beatrice Stock Farm

THE HOME OF GAGE CO. GRAND CHAM. POLANDS. Will sell 40 head

### February 21

5 tried sows, 5 fall yearlings and 30 spring gilts, superior to our last February offering which was pronounced by breeders and fieldmen the largest gilts of the winter sales. They are big with quality and richly bred. Sired by DESIGNER JR., a proven sire of champions, and LIBERATOR BOY by Liberator. Bred to the Grand champ, CONSTRUCTOR, the biggest junior yearling shown in Nebraska. Assisted by HIGH COMMANDER, GIANT LIBERATOR, BUSTER and IOWA TIMM AVALANCHE. Two great March sons of Designer sold in the sale. Write for catalog to

**G. A. Wiebe & Son, Beatrice, Neb.**  
Auct., Col. B. E. Ridgley.

### Linebred Disher's Giant Poland

A lot of good linebred Disher's Giant females bred to a son of Liberator, the world's greatest sire. Priced reasonably.  
J. W. COSTIN, Route 6, WICHITA, KAN.

### 140 Poland to Pick From

Sows and gilts bred for spring farrow. Young boars not akin. Best breeding. Immuned. Pedigrees and satisfaction guaranteed. Priced to sell.  
ED. SHEEHY, HUME, MO.

#### POLAND CHINA HOGS

### Loy's Big Type Poland

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 Poland China Bred Gilts

At \$35.00 to \$50.00. Write for list.  
ROSS McMURRY, BURTON, KANSAS

### Big Type Poland China Bred Gilts

\$25 each. Immunized and guaranteed.  
C. R. ROWE, Route 1, SCRANTON, KAN.

#### DEMING RANCH POLANDS

Bred gilts, fall yearlings and spring boars by our Grand Champion Ranch Yankee and Lateolite.  
H. O. Sheldon, Supt. Hog Dept., Oswego, Kan.

### 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

Copper Farm Press, Topeka, Kan.

in the Duroc Jersey breeding business. The auctioneers were James T. McCulloch of Clay Center, Kan., and Lester Lowe of Council Grove, Kan., and Col. Martin of Delavan, Kan.

#### A Nice Sale at Schaffers

F. J. Schaffer, Pratt, Kansas, held his first Duroc sale at his farm near Pratt, Kansas, Friday, February 9. Thirty-one sows and gilts and four fall boars went through the ring in exactly one hour and fifteen minutes. The 12 sows averaged \$59.80. Nineteen spring gilts averaged \$43.50 or \$49.75 average on the females. The four fall boars averaged \$34.00. The offering scattered out to 28 buyers. The top was \$97.50, a sow by Pathfinder Jr. to Chas. Dyerly, Pratt, Kansas. The top gilt was an April gilt by Uneda Sensation Orion, Jr., bred to Schaffer's Smooth Sensation, at \$62.50 to Hy Barnett, Pratt, Kan. Prices ranged very even throughout the sale and a number of men bid who did not succeed in getting hogs.

#### E. E. Norman's Duroc Sale

E. E. Norman, Chapman, Kan., held his first Duroc Jersey bred sow sale in the sale barn at Chapman last Wednesday, February 7. The offering was largely of spring gilts and mostly by Norman's Col. son of Lady's Col. Orion. There were also several good things in the sale by Lady's Col. Orion. Mr. Norman had looked after all the sale arrangements early and when the sale started at 1:30 the sale barn was packed with breeders and farmers from Dickinson and adjoining counties. The sale arrangements were good and two electric lights were used to light the sale ring. It was a snappy sale and everyone seemed willing to bid promptly and it was evident that Mr. Norman was in the hands of his friends in this sale. The offering was extra good and the big, smooth spring gilts that we've thru the ring would compare favorably with any that has been sold this winter. The average, which was around \$45, was very satisfactory to Mr. Norman who was not sure just how his first sale would go. Mr. Norman announced that he would sell again in the same place next winter.

#### L. L. Humes Duroc Sale

L. L. Humes sold Duroc Jerseys at his farm nine miles south of Glen Elder, Kan., February 6 and the sale was attended like all of the Humes sales are by a big crowd of appreciative breeders and farmers from over north central Kansas. 49 head sold for an average of a little above \$45.00. The top was \$95.00 for a sow bred to Calculator. The next top was \$85.00 paid for one of her daughters bred to Long Giant. The sale was very much of a success and was conducted by Will Myers of Beloit and Col. Heinen of Cawker City. Both are well known auctioneers of that section of the state and did good work and it was appreciated by Mr. Humes. On April 9 Mr. Humes will hold another sale at his farm and on this date he will sell a draft of about 30 Shorthorns all from his own herd and a fine lot of cattle. Also 30 bred sows and gilts and 50 last fall pigs. These sows are bred to the same boars as the offering in his last sale was and the 50 pigs are of the same breeding and a dandy lot of youngsters that will sell worth the money. The sale will be advertised in the Mail and Breeze later on.—Advertisement.

#### Woody & Crowl's Sale

Woody & Crowl, Barnard, Kan., sold 48 Duroc Jersey bred sows and gilts in their annual spring sale at the farm near Barnard, Kan., last Thursday, February 8 for an average of \$60.69. The top was \$102, paid by E. R. Jarne of Luray, Kan., for a High Giant spring gilt. He bought number 6, a fall yearling by High Giant for \$67.50. L. L. Humes, Glen Elder, Kan., paid \$95.00 for number 2, a very desirable tried sow bred to High Giant. Guy Duvall, Bunker Hill, Kan., bought two sows for \$69.00 and \$64.00 each. The offering was one of the best ever sold in north central Kansas. It consisted mostly of big, well grown, tyby, spring gilts that were sired by High Giant and Climax Sensation. They were bred, many of them to boars and to a son of High Giant, Kansas Giant—the boar that was shown at Topeka last fall. The day was fine and the good roads made it possible for everybody interested to be there. Among the other buyers were the following: W. H. Sales, Beloit; C. V. Gann, Jewell; Geo. Schelomtt, Culver; W. C. Moss, Lincoln; W. E. Rinking, Tescott; J. M. Ulin, Hunter; Thos. Wallace, Milo; Walter E. Blades, Minneapolis and about every farmer in the vicinity of Barnard. It was a great offering and it was well appreciated by the big crowd that attended the sale.

#### More Shorthorn Interest in the "Central"

As a livestock organization which has continued active for 25 years, the Central Shorthorn Breeders Association is nothing short of remarkable. For the first 15 years of its life, its secretaries and other officers served absolutely without pay.

It is fortunate, however, that the adoption of the show and sale plan in connection with the meetings came as an aid to loyalty and sentiment in keeping up the association. The original show and sale plan has been improved upon until the coming event to occupy the days of March 26, 27 and 28 promises to be the most instructive and important in a business way of any yet held.

The show on March 26 will include both breeding cattle and fat steers. The public sales which follow will be held in three distinct sections: first, a select offering of 50 breeding cattle brought together to supply those who need herd bulls, high classed foundation stock and show animals; second, a larger offering of cattle in plainer condition that undoubtedly can be bought for considerable less money, but yet good enough to serve a very useful position on almost any farm of this territory; third, a sale of the show steers which will include some prospects worthy of fitting for the fall and winter fairs.

This event of course will be under the management of W. A. Cochran of the American Shorthorn Breeders Association and he should be written in care Baltimore Hotel, Kansas City, Mo., by anyone interested either as a consigner, buyer or merely a student of Shorthorns.

#### Notes from the Field

BY J. W. JOHNSON

W. A. Prewett & Sons, Asherville, Kan., will sell Poland China bred sows and gilts in the new sale pavilion at Beloit, Kan., next Wednesday, Feb. 21. You will find plenty of catalogs at the sale pavilion. It

is the day before the W. A. Davidson sale at Simpson.—Advertisement.

C. J. Fear's Duroc Jersey sale at his farm near Bala, Kan., next Tuesday, February 20, will contain some of the best breeding and some of the best grown Duroc Jersey bred gilts to be found in any sale this winter. Plenty of sale catalogs at the sale.—Advertisement.

Enoch Lungren's Duroc Jersey bred sow and gilt sale at Osage City, Kan., is next Wednesday, Feb. 21. He will sell 11 tried sows, 22 spring gilts and two boars. It is a good offering of well bred sows and gilts. You will find plenty of sale catalogs at the sale.—Advertisement.

W. A. Davidson, Simpson, Kan., sells Poland China bred sows and gilts at his farm near that place, Thursday, Feb. 22. The farm is about half way between Glasco and Simpson. The sale is next Thursday, Feb. 22. You will find sale catalogs at the sale. It is the day before the W. A. Prewett & Sons sale at Beloit, Kan.—Advertisement.

Have you written W. H. Mott, Herington, Kan., about consigning to either the Norton, Kan., sale where he can use about 30 pure bred and about 30 good high grade cows, or about consigning to the state sale at Topeka, March 20? This is important if you expect to consign to either sale. Mr. Mott is the sale manager and wants this information at once.—Advertisement.

#### Wiggins Bros. and Lyons Sale

Wiggins Bros. and Lyons of Lawrence, Kansas, are advertising a sale of dairy cattle in this issue. On February 19th they will sell 50 head of dairy cattle, 20 head recently fresh and others to freshen soon. They will also sell a lot of horses and mules, farm machinery, etc. Look up their advertisement. This will be a good chance to buy dairy cattle.—Advertisement.

#### G. R. Coad's Sale

Next Friday, Feb. 23 is the date of G. R. Coad's big clean up sale at his farm just five miles straight north of Cawker City, Kan. He will sell 50 Duroc Jerseys, registered and eligible, a lot of stock hogs, horses, cattle, farm machinery and a lot of fall pigs, eligible to registry and just as good as the sows and gilts he is selling that are bred only they are younger and of course will sell low because the bred sows is what they are looking for now. Look up the advertisement in this issue of the Mail and Breeze. It is a big sale and a good one.—Advertisement.

#### Northwest Kansas Shorthorn Sale

April 11 is the date of the northwest Kansas Shorthorn breeders association sale. I have a letter from E. A. Cory, Concordia, Kan., saying that he would like to hear at once from those who want to consign to this sale. It is none too early to begin work on the catalog and if you want to sell at Concordia this spring you should write to Mr. Cory at once and you can depend on a prompt reply. If you are not a member you can become one and consign to the spring sale. The sale will be the first to be held in the new sale pavilion built because of these sales. The date is April 11.—Advertisement.

#### G. W. Blickenstaff's Duroc Sale

G. W. Blickenstaff, Oberlin, Kan., DeCATUR county is selling in the sale pavilion, Oberlin, Kan., Saturday, Feb. 24 an offering of Duroc Jersey bred sows and gilts that will compare favorably with any sale in the west this spring, both in blood lines and in individual merit. The sale is advertised in this issue of the Mail and Breeze and the catalog is ready to mail. Write him for it at once and look it over and you may be surprised at the fashionable blood it contains. The offering is well grown and is extra good. Mr. Blickenstaff has paid the prices that it takes to get the breeding his herd contains and this is your opportunity to buy the best right at your door at moderate prices.—Advertisement.

#### J. A. Beveridge's Spotted Poland Sale

In this issue of the Mail and Breeze, Dr. J. A. Beveridge, Marysville, Kan., is advertising his Spotted Poland China bred sow and gilt sale which will be held at the farm joining Marysville, Tuesday, February 27. Most of the offering is bred to High Way Spotted Ranger, a son of Spotted Ranger, the 1922 grand champion. Others to the Champion, Harkrader, son of the junior champion, Harkrader, son of the junior champion, Harkrader. Write for the catalog today. The sale is going to be a good place to buy the right breeding and good individuals. There are 50 head in the sale. Look up the advertisement and write at once for the catalog and mention the Mail and Breeze when you write.—Advertisement.

#### Charles Krill's Poland China Sale

This is the last call for the Charles Krill sale of Poland China bred sows and gilts which will be held in the sale pavilion, Burlingame, Kan., next Saturday, February 24. In this sale Mr. Krill is selling a splendid lot of sows that are proven producers, and 21 spring gilts sired by Giant Chief. Mr. Krill's senior herd boar, The spring gilts and the fall gilts are bred to his junior herd boar, Main Stay, a son of High Roller and out of Ruby Buster. This Poland China sale should attract the attention of all who are interested in better Polandis. The sale will be held in comfortable quarters, next Saturday afternoon at Burlingame, Kan. You can ask for the sale catalog at once and receive it before the sale if you act at once.—Advertisement.

#### Sherwood Bros. Durocs

I have a letter from Sherwood Bros., Concordia, Kan., telling me about the spring gilts that they will consign to the big bred sow sale in the new sale pavilion, Concordia, Monday, February 26. These 10 gilts are the best they raised from their 1923 spring crop and a nice lot of them are granddaughters of Orion Cherry King and some are out of a sow by Col. Gano. Half of them are bred to Cherry Pathfinder, a good son of Pathfinder Paramount. The others are bred to Sensation Col., whose dam was second at the Republic county fair last fall. The Sherwoods are careful, painstaking breeders of Duroc Jerseys and their consignment to the Duroc Jersey section of this big sale is going to be good.—Advertisement.

#### State Spotted Poland Sale at Manhattan

If you are interested in Spotted Poland Chinas as a breeder you should be at the big Kansas state spotted Poland China breeders sale at Manhattan, Kan., Wednesday, February 28. The sale will be held in the livestock judging pavilion at the college and the evening before at 6:30 the

big association banquet will be held and you can attend the Dr. Beveridge sale at Marysville on the 27th and get to Manhattan on the motor in time for the banquet. Both sales are advertised in this issue of the Mail and Breeze. Write today for the sale catalogs. For the association sale catalog address, F. H. Manning, Parkville, Kan. For the other address, Dr. Beveridge, Marysville, Kan. Mention the Mail and Breeze when you write to them.—Advertisement.

#### Northeast Kansas Duroc Sales

The Northeast Kansas Duroc Jersey bred sow and gilt sale circuit will start Monday, February 19, as follows: Next Monday, February 19, M. R. Peterson, Troy, Kan., at Benda, Kan., in the new sale pavilion; Tuesday, February 20, Katie Moser, Sabetha, Kan.; February 21, R. E. Kempin, Corning, Kan., in town at the usual place; February 22, Dr. C. H. Burdett, Centralia, Kan., in town in the usual place. These four sales are among the important sales to be held this spring and should be attended by every Kansas breeder who is in the market for something good in the way of fashionable blood lines and who is looking for individuals that will strengthen his herd. All these sales can be attended very conveniently and they are four sales worth while.—Advertisement.

#### Miller & Manning's Spotted Poland Sale

Miller & Manning, Council Grove, Kan., will sell 50 Spotted Poland China bred sows and gilts in their big annual bred sow sale at that place, Thursday, Feb. 22. This offering has been selected from over 100 bred sows and gilts and will be one of the best offerings ever sold in the state. It is bred to five boars, sons of grand champions and affords, both on the side of the dams and the boars it is bred to a quality breeding and individual merit seldom found in any sale. Because of the large number they have to select from for this sale they are able to offer in this sale 50 sows and gilts that will stand out as one of the best offerings ever made in the west. This is a

firm that deserves patronage because of the high quality of their Spotted Poland Chinas and the fine treatment accorded all of their customers. Write Miller & Manning, Council Grove for their catalog and mention the Mail and Breeze when you write.—Advertisement.

#### North Central Kansas Shorthorn Sale

Geo. Mealls, Cawker City, Kan., member of the firm of Mealls Bros., breeders of Shorthorn cattle at that place, is chairman of the sales committee who have charge of the North Central Kansas Shorthorn breeder sale at Beloit, Kan., April 10. This sale will be held in the new sale pavilion at Beloit and nothing but inspected cattle will be sold in this sale. If you want to sell in this sale you should write to Mr. Mealls at once and tell him what you have.—Advertisement.

#### J. J. Smith's Duroc Sale

J. J. Smith, Lawrence, Kan., sells Duroc Jerseys at his farm joining Lawrence, Kan., in his own sale pavilion, next Thursday, February 22. I have had a lot to say about this good offering and about Commander Giant and now I am going to give you what "Jim" Smith says himself about this great boar and the good offering he is bred to for the next Thursday sale. "I am proud to offer the buying public such an offering of sows and gilts bred to this best son of the grand champion, Commander. Every breeder aspires to own some good ones and I am pleased to invite you to this sale feeling that you will agree with me that it is one worthy of all that has been said about it. Come to Lawrence next Thursday and spend the day with me. I will guarantee to please you." If you have not already done so write for the catalog at once and you will receive it by return mail. But come anyway and you will find a copy waiting for you at the sale pavilion. Remember it is next Thursday, February 22.—Advertisement.

#### J. S. Fuller's Spotted Poland Sale

J. S. Fuller, Alton, Kan., has decided to go to Concordia, Kan., with his spring sale of Spotted Poland China bred sows and gilts. The better railroad facilities and the new sale pavilion at Concordia were the deciding factors in his going to Concordia. He has arranged with E. A. Cory, Concordia, as sale manager, and for the sale catalog you should address Mr. Cory at Concordia. Forty-five head have been cataloged and the offering consists of tried sows, fall yearling gilts and spring gilts, all of the best of up-to-date breeding and bred to Mr. Fuller's two herd boars, Giant Arch Back by old Arch Back King, who was the well known king of sires. The other Fuller boar, Buster Joe, is a son of Carlson's Spotted Chief, Lynch Brothers' boar that they have shown at a number of fairs and one of the largest boars in the country. Mr. Fuller's boar promises to be just as large. In this sale Mr. Fuller is cataloging sows that he does not like to sell but in this sale he is very desirous of selling sows and gilts that will prove profitable to his customers because this is the best advertising in the long run. For the sale catalog which is now ready, address E. A. Cory, Sale Manager, Concordia, Kan.—Advertisement.

#### Kansas State Spotted Poland Sale

The Kansas State Spotted Poland China breeders association will hold its annual bred sow and gilt sale in the livestock judging pavilion at the Agricultural college, Manhattan, Kan., Wednesday, Feb. 28. The offering consists of 50 bred sows and gilts bred to a splendid string of boars, 15 or 16 leading breeders of the state association are consigning selections from their herds and it goes without saying that each consignor is putting in something good in his state association sale. This is more than just a sale because arrangements have been made for an inspection trip over the college farm and it is hoped that a good attendance of Spotted Poland China breeders and those who are thinking of going into the business will be had. These association sales are held once a year and this meeting is to be the banner meet of the association. The 50 sows and gilts, sired by real boars and bred to splendid herd boars will prove one of the strong offerings of the season. The nice sale catalog is out and ready to mail. T. L. Curtis, Dunlap, Kan., is president of the association and F. H. Manning, Parkville, Kan., secretary. For the sale catalog and all information about the meeting at Manhattan, Feb. 28, write to F. H. Manning, Parkville, Kan.—Advertisement.

#### H. E. Engle's Holstein Sale

Hostetter E. Engle's big closing out sale at the farm four miles west of Abilene, Kan., on the Golden Belt, Friday, Feb. 23 will be one of the big stock sales of the year. Of especial interest to dairymen are the 50 purebred and high grade Holsteins that he is closing out. In this herd of dairy cows you will see what breeding and building up a dairy herd has done for the dairy industry. If you are at all interested in milking please turn to his advertisement in this issue of the Mail and Breeze and read what he says of this 50 dairy cows. It affords the best opportunity of the season to buy from a working herd of dairy cows that are in their prime and sure to sell worth the money. They are federal accredited and in fine shape to go into your herd and make money from the start. In addition he is selling all his farm machinery, horses and mules, alfalfa and prairie hay, seed corn, seed rye and it is a big clean up sale you can't afford to miss. The farm is about half way between Abilene and Solomon on the Golden Belt auto road. There will be lunch on the ground and the stock sale starts at noon. Be sure to come. Write either Hostetter Engle, owner, Abilene, Kan., or W. H. Mott, sale manager, Herington, Kan.—Advertisement.

#### The Combination Sale at Concordia

The big combination sale of 50 bred sows and gilts in the new sale pavilion Concordia, Kan., Monday, February 26 will be a good place to buy sows and gilts. Five Duroc Jersey breeders are consigning 35 Duroc Jersey bred sows and gilts. Sherwood Bros., Concordia, are selling 10 and they are the tops of their last spring crop of gilts. M. Stensaas, also of Concordia, is selling a few good ones and W. W. Jones, Beloit, Kan.; Bolen Bros., Downs, Kan.; Ernest Lagasse, Rice, Kan. are the other consignors. Lynch Bros., Jamestown, Kan., will sell 10 Spotted Poland China bred sows and gilts. They are well known breeders of Spotted Poland Chinas and have exhibited at the leading fairs in North Central Kansas for the last few years. They own Carlson's Spotted Chief, a big half ton boar that won year before last at every fair he was shown at. C. B. Schrader, Clinton, Kan. is a well known breeder of Poland Chinas that al-

## Kansas State Spotted Poland China Breeders' Association Sale

In State Agricultural College Pavilion,

Manhattan, Kansas, Wednesday, February 28

50 Sows and Gilts bred to as good a string of herd boars as the breed affords. Every sow inspected and guaranteed. Many herds and many hundred hogs are represented by this collection. If you care for a 1923 quality litter, take home one of these beauties.

The consignors to the Association Sale are: John Burnett, Blue Rapids; Dan Cain, Beattie; W. E. Stice, White City; J. W. Dimitt, Plymouth; Streator Funk, Council Grove; C. D. Baker, Parkville; G. S. Wells & Son, Ottawa; N. T. Sly, Council Grove; Miller & Manning, Parkville; W. A. Cripe, Council Grove; Henry J. Haag, Holton; Amos Furney, Council Grove; Harold Johnson, Junction City; T. W. Curtis, Dunlap; S. B. Law, Larkinsburg; Dr. J. Beveridge, Marysville.

TO WESTERN AND SOUTHERN BUYERS: BUY IN KANSAS! Reasons: Large selection, best of blood lines, prices lower, shorter transportation, small express bills. Everybody invited to attend. (a) Feb. 27, 6:30 P. M.—Big Association Banquet; (b) Feb. 28, 9-11 A. M.—College Inspection Trip; (c) Feb. 28, 1 P. M.—Association Sale. For information and catalogs write F. H. MANNING, Pres., Parkville, Kan. T. L. CURTIS, Sec'y, Dunlap, Kan.

## Spotted Polands at Concordia

45 Tried Sows, Fall Yearlings and Spring Gilts. Sale in the New Sale Pavilion.

## Concordia, Kan., Monday, March 5

Because of the better railroad facilities and the new sale pavilion I am bringing my 1923 bred sow sale to Concordia. Every sow and gilt in the sale will prove a money maker to the buyer in this sale. The offering is bred to my two herd boars, Giant Arch Back 80321, a son of Arch Back King. Also to Buster Joe, a son of Lynch Bros. Carlson's Spotted Chief. It is an offering that is well bred and one that has been bred and grown right. Catalogs ready to mail. Address either

J. S. Fuller, Alton, Kan., Owner, or E. A. Cory, Concordia, Kan., Sale Mgr.

Auctioneers: Dan. O. Cain, G. B. VanLandingham, J. W. Johnson, Fieldman, Mail and Breeze.

## 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 Pattle 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.

## Clean Sweep Dairy Sale

Commencing at 11:00 a. m. the following property:

### Monday, February 19

We will sell at a clean sweep sale 1/2 mile west and 1/2 mile south of Kansas University, Lawrence.

58 Head of Cattle—41 high bred, heavy-milking Holsteins, 3 to 8 years old. (20 head recently come fresh. 6 springers fresh by date of sale.) 2 Guernsey cows, 4 years old, 1 Red Durham cow, 5 years old, fresh. 2 yearling heifers, Holstein. 10 Holstein heifer calves, nicely marked. 1 registered Holstein bull, 4 years old. 1 full-blood Holstein bull, 18 months old. HORSES AND MULES, harness, machinery, etc. Usual terms. WIGGINS BROS. & LYONS, OWNERS

#### GUERNSEY CATTLE

### RANSOM FARM GUERNSEYS

Bulls—Calves to serviceable age by 1918 world's grand champion out of record breaking dams. Ransom Farm, Homewood, Kansas

AM OFFERING two especially attractive bargains in registered Guernsey bull calves ready for service. J. N. Dunbar, Columbus, Ka.

#### LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

**BOYD NEWCOM, Auctioneer**  
219 Beacon Bldg., Wichita, Kan.

### LAFE BURGER

Livestock and Real Estate Auctioneer  
WELLINGTON, KAN.

**Jas. T. McCulloch, Clay Center, Kan.**  
My reputation is built upon the service you receive. Write, phone or wire.

**Homer Boles, Randolph, Kan.**—Stock Sales, land sales and big farm sales. Write or phone as above.

#### SPOTTED POLAND CHINA HOGS

## Spotted Polands

50 Bred Sows

At the farm joining town

Marysville, Kan.

Tuesday, February 27

10 tried sows, 40 spring gilts, bred to Highway Spotted Ranger, by the 1922 grand champion, Spotted Ranger. Others bred to Corrector's Marked by the Junior champion, Giant Corrector. Catalog ready to mail. Address DR. J. A. BEVERIDGE, Marysville, Kan.

### \$35.00 Buys Spotted Spring Gilts

By the Eulandator, a son of the International grand champion at Chicago, and Marshal'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.

### Spotted Poland Bred Sow Sale, March 1

Arch Back King, English Pickett heads our herd. Buy the kind that makes money. Write for catalog. BLANKE BROTHERS, TAYLOR, IOWA

### Bred Sows and Gilts

and good fall pigs, fashionable breeding, correct types White Scotch, Collie puppies. T. L. CURTIS, DUNLAP, KANSAS.

#### SPOTTED POLAND CHINAS

Boars and open gilts, bred sows and gilts for sale. Cedar Row Stock Farm, Burlington, Kan. A. S. Alexander, Prop.

SOWS, GILTS AND BOARS for farmers and breeders. Overloaded and selling you choice at your price. Wm. Meyer, Farlington, Kan.

#### HAMPSHIRE HOGS

## Start Right and Right Now With Silver's Hampshires

BUY YOUR BRED SOW BY MAIL—From reliable breeder who specializes in mail order trade. 300 Bred Sows and Gilts, 30 Boars, all cholera immune, to select from. Same breeding as our Grand Champion Carload which won OVER ALL BREEDS at the AMERICAN ROYAL. Write for private sale lists which give pedigrees, weights, descriptions. Also ask for catalog of March 6 sale held at Stock Yards pavilion, Kansas City, Mo. WICKFIELD FARMS, Box 8, CANTRIL, IOWA F. F. Silver, Prop.

## 200 Hampshires

For sale—Bred sows and gilts, fall pigs, both sexes. All immune. Best breeding. Walter Shaw. Telephone Derby, Kan., or address Rt. 6, Wichita, Kan.

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

REG. HAMPSHIRE, bred sows, boars, all ages; also fall gilts; herd boar, good one. Closing out, selling cheap. Henry Binard, Burlington, Colo.

#### HEREFORD CATTLE

BULLS—HEREFORD BULLS. Sire, Choice Mischief 522087. Any age. Prices right. Must sell. Vernon Sutor, Zurich, Kansas.

#### JERSEY CATTLE

### Yearling Jersey Bull For Sale

His dam is state champion silver medal cow for production, also a prize winner at the state fair. His sire is from a double gold medal cow with a record of 959.1 lbs. of butter 85% fat. He is well grown and a show bull, solid dark fawn. If you are looking for a real sire don't overlook this one. Also have bulls from baby calves up. All from R. of M. cows. Herd Federal accredited. For prices and description, write and ask for C. H. S. HILLIARD, Rt. 1, MAYETTA, KAN.

### 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 mo. old. Inspection invited. E. 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.

PRINCESS RALEIGH-POGIS BEAUTIFUL A. A. 517 lbs. milk 327 days, solid yearling bull 160. Other Pogis Irene calves \$20 to \$50. F. Scherman, Route 7, Topeka, Kan.

### Jackson County Jerseys

Reg. Jerseys, all ages, either sex. Prices reasonable. Jackson Co. Jersey Club, W. R. Linton, Sec., Denison, Kt.

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad. I. G. Condon, Hiawatha, Kansas.

#### 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, ATTICA, KANSAS

#### RED POLLED CATTLE

### Red Polls, Six Young Bulls

For sale. IRA LONG, QUINTER, KANSAS.

#### 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; reads 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.

## 50 Holstein-Friesian Cattle

A Big Closing Out Sale at the Glenwood Ranch, Four Miles West on the Golden Belt

**Abilene, Kan., Friday, February 23**

Purebreds and high-grade, consisting of 23 producing cows and heifers. The cows and heifers that go into this sale are the kind that dairymen are proud to own. Purebred sires have always been used to head this herd. At present Segis Pontius Reka of Belle Springs No. 204483 heads this herd. He is a great herd sire and will be sold.

One feature of this sale is a young herd sire 16 months old, ready for service—Bob Burke DeKol No. 384356, a son of a 20.96 pound dam.

Five head 2 year old heifers producing 35 to 55 pounds milk daily.

Eight head 3 year old cows. Among this group you will find 40- to 50-pound cows.

Seven head cows past 3 years which have milk records of 70 pounds daily.

Three head heavy springing 2 year old heifers, may be fresh by day of sale; 5 head yearling heifers; 11 head summer and fall heifers; purebred bull calf and several grade bull calves. These young heifers are a choice lot as dams will show what's behind them.

This herd is tuberculin tested under Federal supervision, being an accredited herd with a 60-day retest guarantee. For further information on this herd, write for catalog to owner or W. H. Mott, Herington, Kan., sale manager.

85 Duroc Jersey hogs, 18 horses and mules, good ones.

All farm machinery in good repair.

Grain and hay, good rye seed, pure white seed corn, 400 bales alfalfa.

200 bales prairie hay, etc.

Livestock sale starts at noon. For the sale catalog, address, either

**Hostetter E. Engle, Owner, Abilene, Kansas, or  
W. H. Mott, Sale Manager, Herington, Kansas**

Auctioneers—Jas. T. McCulloch, E. L. Hoffman, J. G. Engle.  
J. W. Johnson, Fieldman, Kansas Farmer and Mail and Breeze.

## Combined Dispersal Sale of Heavy Producing Reg. Holstein Cattle

Belonging to J. P. Halsell, Dairymen, and A. R. Taylor, Breeder, Parsons, Kan. SALE HELD AT MULE SALE BARN.

**Parsons, Kansas, Wednesday, February 28**

75 head of registered Holsteins, all under Federal Supervision.

**SPECIAL ATTRACTIONS**

10 daughters of KING KORNDYKE ARTIS KEYES, a 43-pound bull, whose dam was Champion Canadian cow.

15 daughters of PABST KORNDYKE ELDER, whose dam made 29.8 pounds butter in 7 days as a four year old.

A NUMBER OF DAUGHTERS OF CEDAR LANE SARCASTIC PONTIAC, whose dam as a 3 year old produced 23,335 pounds milk and 975 pounds butter in a year.

ALL FEMALES IN SALE OF BREEDING AGE, bred to K. K. A. Keyes or C. L. SARCASTIC PONTIAC. Many show cattle winning 20 blue ribbons in 1921 shows. A number of A. R. O. cows with creditable records.

A number of young bulls.

A great opportunity to buy real working cows and heifers, representing the best blood lines of the breed.

Write today for a catalog to

**W. H. Mott, Sales Manager, Herington, Kansas**

Auctioneer, Fred S. Ball, El Reno, Okla.

### HOLSTEIN CATTLE

**Yield!**



Every man who milks cows for a living knows that **Yield** is one of the best reasons for Holsteins.

**Yield To You Will Mean:**  
Dependable Cash Income - Profits  
Bank Account - Independence  
Better Things for the Family

Holsteins hold all world's records and average highest over all breeds for both butterfat and milk yield.

Let Us Tell You the Story of the Holstein Cow.

EXTENSION SERVICE,  
The Holstein-Friesian Association of America  
230 East Ohio Street, Chicago, Ill.

## HOLSTEINS

### 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.

BRAEBURN HOLSTEINS. Only young bull calves, and two cows, or heifers.  
H. B. Cowles, 608 Kansas Ave., Topeka, Kan.

### HOLSTEIN CATTLE

#### Mott's Holstein Sale Calendar

Feb. 23—Hostetter E. Engle, Abilene, Kan.  
Mar. 13—Breeder's sale, Norton, Kan.  
Mar. 20—Holstein-Friesian Breeders' Association of Kansas, Topeka, Kan.  
April 17—W. H. England, Ponca City, Okla.  
Nov. 15—Kansas Association sale, Wichita, Kan.  
If you want to buy write to Mott  
If you want to sell write to Mott  
Address W. H. Mott, Herington, Kansas.

#### Ewing's Cows, Heifers and Bulls

Young cows, fresh or to freshen soon. Semi-official records. All have good A. R. O. backing. Yearling bull out of state record dam (20753.9 lb. milk, 805.57 lb. butter as 4 yr. old in one yr.) Baby bulls, one out of state record cow, Lillian Korndyke Sarcastic.

T. M. EWING, INDEPENDENCE, 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.

#### 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

### SHORTHORN CATTLE

## 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.

#### Roan Scotch Herd Bull

For sale. H. L. MICHAELIS, Kinsley, Kan.

ways has good ones. He is putting in 10 and they will be as good as will be sold in any sale this spring. This is almost a "show sale" because each breeder is going to do his best to make the best showing in this sale. E. A. Cory, Concordia, promoted the sale and consented to act as sale manager. Mr. Cory is in the banking business in Concordia and is an extensive raiser of livestock on his farm at Talmo, Kan. The sale catalogs are ready to mail and you should write to Mr. Cory at once for one. Address E. A. Cory, sale manager, Concordia, Kan.—Advertisement.

#### Halsell-Taylor Holstein Sale

Mr. Halsell, Parsons, Kan., and A. R. Taylor, also Parsons, both breeders of purebred Holsteins at that place, are holding a double dispersal sale February 23. In a recent letter Mr. Halsell writes as follows:

"My reasons for selling are these: Four years ago, on account of broken health, I gave up the regular ministry, and came to the farm and bought a dairy herd of Holstein cows. I bought some of the best I could find and did not stand back on account of the price. Among these cows I got some of the best blood lines, the Ormsbys, Pietertjes and Korndykes. I bought to head my herd, Pabst Korndyke Elder, whose dam had a 3-year-old record of 25.15 pounds butter in 7 days, and a 4-year old record of 29.8 pounds butter and a test of 4.44 per cent fat. I have 15 of his daughters in the sale, some of them producing and showing well. Two years ago I bought some heifers from Mr. Sam Carpenter of Oswego, at his dispersal sale, and secured the services of his bull, King Korndyke Artis Keys, whose dam was a former champion cow of Canada with a 34.66 pounds at 2 1/2 years and at 6 years 43.95 pounds butter, both being Canadian records when made. His sire's dam, Lulu Keys, has R. O. M. record of 112 pounds of milk a day for 7 days and 100 pounds of milk a day for 30 days. Mr. Carpenter gave \$3,000 for this bull when a calf, at the Philadelphia National sale. I have 10 of his daughters and four of his bull calves for sale. All my cows are bred to him.

"I am selling these cows from a sense of duty. My health is much improved. It takes more time with these cattle than I feel I should give and I feel that I should part with them, but I cannot give them up without a struggle, for I have almost lived with them for four years, but it is a call to duty and service, and I am making the supreme sacrifice. In 1921 we took 20 blue ribbons at the fairs at which we showed, had champion Holstein cow, champion cow of any dairy breed, champion herd, and champion bull at the county fair and at Tri-State Fair, taking first in every entry and winning over the state herd. At the sale you will be told exactly what these cows have done. Many of them would have made creditable records, but we were too busy with a large farm and dairy to have them tested, but they will do again what they have done for us. I have sold and culled out the inferior animals and every cow in the herd is a profitable one. Our receipts this fall and winter from the dairy have been about \$500 a month. So if you want some self-bred, good producing cows, come to the sale at Parsons, February 23."

Mr. Taylor is a farmer and breeder of Parsons, owns his cattle and has 20 good cows and 10 heifers. His mature cows are bred to Cedar Lane Sarcastic Pontiac, whose dam produced 23,335 pounds milk and 975 pounds butter in a year.—Advertisement.

#### BY J. T. HUNTER

The J. H. Rust Estate is advertising a number of jacks in this issue; also some jennets. Anyone on the market for jack stock should get in touch with them. They are making attractive prices.—Advertisement.

Read the change in advertisement in this issue for the Reno County Duroc sale at Hutchinson, Kansas, February 27th. This advertisement gives the names of consignors and number each consignment. It will be a good offering.—Advertisement.

#### The Most Polands in One Sale

The last two issues of Kansas Farmer carried display advertisements of the Poland association sale at Stafford, Kan., Tuesday February 20. Over \$0 head sell in this sale and they will be good ones. Be there if you want Polands.—Advertisement.

This issue, and preceding issue of Kansas Farmer carries advertisement of the D. Arthur Childers Duroc sale at Emporia, Kan., Wednesday, February 21. Mr. Childers is selling several sired by or bred to his boars that won so successfully at the last two Central Kansas fairs at Emporia. Plan to be at the sale if you need some good Durocs.—Advertisement.

#### Zink's Second Duroc Sale

Zink's Stock Farms, Turon, Kansas, held their annual spring sale February 7th. It was a mighty good offering. There were a number of good sows and gilts that might have been sold in this sale, but they were not far enough along to sell in this sale and be sure of guaranteeing in pig. There will be another sale put on by the Zinks. It will be an offering of 35 sows and gilts and 3 boars. The females are mostly by Great Sensation Wonder bred to Great Pathmaster. There will be some other well bred Durocs also. See the advertisement in this issue. Write for a catalog. Please mention Kansas Farmer-Mail and Breeze. Send bids to J. T. Hunter.—Advertisement.

#### The Last Six Sale Duroc Circuit

That old saying about saving the best until the last has a considerable degree of truth in it when applied to the Duroc sale circuits this season in southern Kansas. This sale circuit under discussion is that of the following breeders who sell the week of February 19-24. They are G. O. Cleaves, Valley Center, Kan., G. E. Stuckey, Wichita, Kan., M. I. Brower, Sedgwick, Kan., R. W. Newcom, Benton, Kan., Overstake Bros., Atlanta, Kan., and H. W. Fluke, Stanley, Kan. The circuit opens with the sale Monday at G. O. Cleaves, Valley Center, Kan. This sale will be 2 miles southeast of Valley Center, Kan., or 7 miles north of Wichita, Kan., on North Lawrence Ave. This is a sale easy to get to and away from. Inter-urban cars ply between Wichita and Newton every hour and all stop at Valley Center and being on Lawrence Ave., and such a short distance from Wichita the sale to all intents and purposes is right in town. The next sale will be at the home of G. E. Stuckey, Route 6, Wichita, Kan., on Wednesday. Stuckey's Durocs live on Hydraulics Ave., south of Wichita just five

miles. Next day, Thursday, the sale to attend will be that of Mart Brower at his farm 3 miles west of Sedgwick, Kan. Now Sedgwick is just a few miles north of Valley Center and on the same interurban line and just as accessible from Wichita. Friday's sale will be at R. W. Newcom's, Benton, Kan., 3 miles southwest of Benton, Kan., or 13 miles northeast of Wichita. Benton is on the Missouri Pacific out of Wichita and within easy driving distance as you will note. It is significant and worth your attention to note that each one of these four mentioned sales is within a few miles of Wichita and train service and auto service will be excellent. You can make every sale easily. Saturday there will be two sales.—Advertisement.

#### BY JESSE R. JOHNSON

W. W. Carper is offering choice sows and gilts bred for March, April and May farrow. There are several extra good big type gilts, including 1922 show gilts and are mated to two real big type boars.—Advertisement.

#### Babcock's Nuggett Duroc Sale

Don't forget to attend Earl Babcock's Duroc Jersey bred sow sale to be held at Fairbury, Neb., February 26th. He sells 50 head of Pathfinder and Sensation bred sows and gilts on the above date, 40 of them bred to the great young boar, The Nuggett. Catalogs of this sale are free for the asking.—Advertisement.

#### The Place to Buy Good Polands

G. A. Wiebe & Son, Nebraska's old time and reliable Poland China breeders announce a bred sow sale for Beatrice, Neb., February 21st. On this date they will sell 40 head of tops picked from their big herd of over 300. The best big type blood is combined in the offering, Liberators, Iowa Timm, etc. The Wiebes' Polands win wherever shown. No firm have sold more good hogs to more different states. See advertisement in this issue and write at once for catalog.—Advertisement.

#### BY T. W. MORSE

#### The Brauer Duroc Company's Offering

The advertisement of the Brauer Duroc Company of Colorado Springs, Colo., will be found in this issue. This company owns one of the best Duroc herds in the west. They have the popular blood lines and are making reasonable prices. It will pay Duroc breeders wanting high class Durocs to get in touch with them.—Advertisement.

#### Central Shorthorn Association Show and Sale

The Central Shorthorn Breeders Association show and sale will be held in Kansas City, Mo., March 26, 27 and 28. Entries are now being received for this show and sale, and the management will continue to receive entries until March 1. Shorthorn breeders who expect to make entries should get them in as early as possible. The management also expects to have a steer show and sale this year.—Advertisement.

#### Blanke Bros. Spotted Poland Sale

Blanke Bros. of Taintor, Iowa, breeders of Spotted Poland Chinas will hold their sale March 1, 1923. Arch Back King "King of Sires" and The English Pickett are the head of this herd. These boars have become famous thru the show records and potency to produce. They will sell 70 head of sows of Arch Back King, English Marvel, Carline, Buckeye and Pickett blood strains. Write for catalog mentioning this paper.—Advertisement.

#### BY O. W. DEVINE

#### Missouri Berkshire Association Sale

The reputation of Missouri and Kansas bred Berkshires lends assurance to the high quality of the offering listed for the sale to be held at Kansas City, Mo., in the American Royal sale pavilion, on Wednesday, February 21st. Berkshires of these states have achieved honors for the breeders of Missouri and Kansas and have brought added fame to the breed. It is believed the Kansas City sale is an event of vast importance to the breed in midwest territory, and with this thought in mind, the breeders have selected the choicest representative of their herds, and have catalogued an offering that merits the patronage of every lover of the Berkshire. The effort made by these breeders to place more Berkshires on the farms of the West and Southwest where they are needed, is deserving of loyal support. The large number of transfers of registered Berkshires reported in the last year shows the wide distribution of this breed in every state, and this remarkable appreciation shown for the breed from Coast to Coast evidences the wonderful adaptability of the Berkshire in all sections of the country. Recorded transfers of Berkshires in the last few months include hundreds to purchasers, new breeders and beginners, in the states in close proximity to Kansas City, the strategic point in livestock business of the United States. Consignors to the sale are Thos. Richard, T. A. Harris & Sons, W. H. Phipps & Sons, J. W. Wenger and O. H. Wenger of Missouri; and the Missouri breeders are joined by C. G. Nash and J. D. Wynne of Kansas. Every one of the above named breeders have herds that carry the most popular blood lines and of the type and quality to suit present day requirements. The catalog will be mailed on application to Mr. Wilbur Harris, sale manager, Lamont, Mo. Mail bids should be entrusted to the sale manager, to the auctioneer, Geo. W. Berry, Topeka, Kan., or O. Wayne Devine, field representative, Capper Farm Press.—Advertisement.

#### C. L. CARTER

#### Bates Co. Duroc Breeders' Sale

Differing from most association sales, the one at Butler, Mo., February 27 will consist of top stuff selected by members of the Bates Co. Duroc Breeders' Association. They are doing this to promote the Duroc breed in that section. With all the hifalutin adjectives all used up in describing various sale offerings, it only remains to say this will be really and truly a better lot of stock than most of the highly advertised auctions. Such breeders as James E. Parks, A. L. and J. A. Erwin, James B. Marrs, Walter Hollingsworth, A. B. Simpson, E. E. Fluk, and J. B. Barr, are consigning some of their very best stock. Space is not available to describe these good Durocs but a catalog tells the whole story. Write to Walter E. Hollingsworth, Butler, Mo., for one. Many of the gilts in the sale are prize winners. The boars represented are the best the breed offers.—Advertisement.

# The Shorthorn Breeders of Kansas

## 15 Splendid Young Bulls

Handled under ordinary farm conditions that insure their future usefulness. The home of Fair Acres Sultan. Marquis, a worthy son, is also in service. L. M. Noffsinger, Osborne, Kas.

## Bulls by Rothnick Sultan

Four good ones, three are roans, one white. Rothnick Sultan was first in aged bull class at Beloit, 1922, and senior grand champion. WM. WALES & YOUNG, OSBORNE, KAN.

## Huber & Fleming, Meriden, Kansas

SUCCESSOR TO H. E. HUBER  
Young bulls by our herd bull, Imp. Imperator by King of Diamonds, dam Village Queen.

## Cedar Heights Stock Farm

Two yearling bulls, pure Scotch. One lavender and one bloom. Farm near Topeka on West 6th Street road. Address, H. T. FORBES, TOPEKA, KANSAS

## COUNT VALENTINE 2nd 694458

First at Sedalia, second Topeka and Hutchinson 1921 shows. Sire of Honor Maid, undefeated champion heifer at same shows. A great bargain in this great sire. Sold fully guaranteed. H. M. Holmes, Topeka, Kan.

## 1886 Tomson Bros. 1922

A remarkable collection of breeding cows of approved blood lines noted for their uniform thick fleshing qualities. Some very choice young bulls. Tomson Bros., Wakarusa, Kan., or Dover, Kan.

## Sunflower Shorthorns

Herd headed by Golden Laddie, son of Maxwellton Rosedale. 10 bulls from six to 10 months old for sale. Pure Scotch and Scotch topped. Write for prices. J. A. PRINGLE, ESKRIDGE, KANSAS

## FEMALES OF SCOTCH BREEDING

In ages from six months old heifers to cows with heifer calf at foot. We invite you to visit our herd. S. B. AMCOATS, CLAY CENTER, KANSAS

## ELMHURST SHORTHORNS

The kind that pay the rent. Something always for sale. W. J. SAYER, MANHATTAN, KANSAS

## W. J. & O. B. Burtis

Farm four miles west of Manhattan on Golden Belt Highway and Interurban line. We offer two young Scotch bulls, a few bred cows and heifers. Herd under Federal supervision. Visitors welcome.

## Crystal Spring Farm Herd

Over 100 registered Shorthorns. Young cows and heifers for sale at attractive prices. Young bulls of Sultan and Villager breeding for our fall trade. Theo. Olson & Sons, Leonardville, Kansas

## Bluemont Farm, Manhattan, Kan.

Farm joins Manhattan where visitors interested in Shorthorns are always welcome. Address as above.

## BENNY B. BAYER, MANHATTAN, KAN.

Stonehaven Farm is three miles S. W. of town on main highway and Interurban line. We can supply choice Scotch and Scotch topped bulls, cows and heifers.

## Rose Hill Shorthorns

Pure Scotch and Scotch topped (accredited herd). Choice young bulls. 20 females. Herd headed by 1000 International bull, Linwood Topman, a double grandson of Avondale. W. H. Molyneux, Palmer, Kansas.

## DECATUR CO. BREEDERS' ASS'N

### Harry M. Roberts, Seiden, Kan.

Quality Shorthorns. A 12-month-old Marr Clara bull calf, also a Marr Goldie January calf. Also a few very choice Poland China spring bears. Write today and address as above.

### Two Pure Scotch Bulls

Both roans, one a Cruickshank Victor and the other a Cruickshank Victoria. Nine and 11 months old. Splendid young bulls. WARNER J. MARVIN, Achilles, Kansas

### MORTON'S PUREBRED STOCK FARM

OBERLIN, KANSAS  
A few good, low down, beefy bull calves for sale sired by a great grandson of Avondale. Reasonable prices. Chester White bears on approval. Address as above.

### Victoria's Baron 2nd

A pure Scotch heading our herd of nearly all pure Scotch cows. Duroc spring bears by a son of the 1920 World champion Patbarker. VAYROCH BROS., OBERLIN, KANSAS

### MILLER BROS., DANBURY, NEB.

Village Knight 2d by Imported Lovely Knight, a pure white bull, heads our herd.

## SHORTGRASS BREEDERS' ASS'N

### A. SLAVEN & SONS, SELDEN, KAN.

Choice Sultan at head of herd. 50 head in herd. 10 choice young bulls for sale.

### A. B. Shoemaker & Sons, Lucerne, Kas.

Herd headed by grandson of Cumberland's Types. Also registered Durocs and Chester White hogs.

### L. A. Teel, Lucerne, Kan.

Herd headed by Meadow Goods, Bulls by him for sale.

### FOR SALE—COWS AND HEIFERS

Also some young bulls, reds and roans. A. C. SMITH, JENNINGS, KANSAS.

### RIVERVIEW FARM Shorthorn Cattle

Headed by Baron Tommy and Sultan bred cows. Duroc hogs headed by Sensation Chief and Red Raven Jr. T. F. Stout & Sons, Studley, Kansas.

### SILVER SPRINGS STOCK FARM

Polled bulls; dual purpose; 1st prize winners. No doling, no going. J. A. Miller, Quinter, Kas.

### MY HERD BULL, SILVER KING

Is two years old, nice roan, pure Scotch and 1st in class. Jr. and grand champion, Cove County fair 1922. J. L. MANN, QUINTER, KANSAS.

### LANCER, MY NEW HERD BULL, 2 YRS.

Dark roan, 1900 pounds and good. Large, dark B. C. R. I. Red cockerels, \$2. Laying strains. Elmer S. Graham, Quinter, Kan.

## Scotch and Scotch Topped Shorthorns

But 80 per cent of the herd is of pure Scotch breeding. One of the strong herds of the state. Visitors welcome at all times.

### R. W. DOLE, ALMENA, KANSAS

### A SON OF VILLAGE MARSHAL

Heads our federal accredited herd of pure Scotch Shorthorns. Farm located near Muscotah where visitors are always welcome.

### ROBT. RUSSELL, MUSCOTAH, KAN.

### BIG FIELD FARM SHORTHORNS

An exclusive pure Scotch herd headed by the great show and breeding bull, Rosewood Prize. Herd government tested. Write your wants. Poland China bred sow sale February 3, 1923.

### T. J. Dawe & Son, Troy, Kansas.

### INTRODUCING AN ALL SCOTCH HERD

headed by Lavender's Diamond by Diamond Emblem. Two very choice young bulls for sale ready for service. For descriptions and prices address, E. A. Myer, Troy, Kansas.

### Scholz Bros., Huron, Kan.

Springdale Stock Farm herd headed by Imp. Rosewood Stamp. Bulls of serviceable ages by him and cows bred to him for sale.

### Our Farm Near Lawrence

The home of good Shorthorns. Two bulls, 18 and 12 months old. When in Lawrence call at our office.

### HASFORD & ARNOLD, LAWRENCE, KAN.

### WILDWOOD STOCK FARM

50 females. Herd headed by Armouredale and Fair Baron. Always something for sale.

### ASHER & ALLISON, LAWRENCE, KAN.

### Ten Choice Yearling Bulls

Reds, Roans and White. Mostly pure Scotch. 20 very choice females, including cows with calves at foot and nice young heifers.

### E. A. CORY & SONS, TALMO, KANSAS

### Young Bulls and Heifers

by Lord Albion. My farm joins town on the east and we want to show you our Shorthorns when you are in our vicinity.

### Address, E. A. Campbell, Wayne, Kansas.

### QUALITY RATHER THAN NUMBERS

Always something to sell. We like to show our Shorthorns to interested parties and will be glad to hear from anyone needing stock.

### Address, E. B. Donham, Talmo, Kansas.

### Meall Bros., Cawker City, Kas.

New Buttergask Shorthorns. Headed by Lavender's Marshall 856495. Males and females for sale.

### A. A. Tennyson, Lamar, Kan.

I have for sale six bulls, breeding ages, by my herd bull, Clara's Type. Also cows and heifers to reduce my herd. 100 head in herd.

## Sires That Have Influenced Kansas Herds—18

As was the case with Gallant Knight, chronicled in the previous issue, Grand Victor was in service at a time when the number of Scotch females available for raising herd bulls was small. As a result the present generation can get no correct idea of the real rank of either bull by looking for their names in the pedigrees of the leading herds of this time. One of the penalties we have paid for following a fashion, is the loss of much that was accomplished by the best breeders of America during the 75 years which preceded importation of Scotch cattle in numbers sufficient to make available any considerable supply of Scotch bred herd bulls. Men who have been in touch with Shorthorn affairs for even as long as 30 years have seen sent to the range, many sons of bulls like Grand Victor, and out of high class choice bred cows, representing five to ten generations of improvement in the herds of capable breeders. Meanwhile, responding to the fashion for pure Scotch herd bulls, mediocre animals were being used on registered herds; sometimes because a bull of Scotch breeding could not be found, as good as the Scotch topped bulls that had gone to the range; sometimes because the breeder could not, or would not pay the price. As our Scotch cattle population increased this condition was corrected and Scotch bred cattle became really our best source of herd bull material. We had taken our loss, however, and sons of bulls like Grand Victor, from Scotch topped and Bred or Booth bred dams, averaging better than did the Scotch cows that were available, even up to 1905, largely were lost to our registered herds.

There is no going back to that time. But the experience, if we are not allowed to forget it, may serve as a guide in the future.—Livestock Editor.

### GRAND VICTOR 115732

Grand Victor 115732 was a bull of rare quality. He had sufficient scale, was very smooth, had a good masculine head with a drooping horn and a pleasant countenance. He was bred by Jos. Duncan, Osborn, Mo., got by Grand Elector 86826, a roan imported from the herd of Amos Cruickshank. The dam of Grand Victor was Imp. Lady Victoria by Vengarth 84009. Vengarth was sire of Sunflower, the dam of Baron Flower.

Grand Victor first proved his value as a sire in the herd of H. C. Duncan, and continued this valuable demonstration in the herd of George Bothwell and for both owners' herds he was a successful prize winner. H. C. Duncan is a veteran in Shorthorn ranks and has bred and owned some excellent cattle and from repeated conversations with him I am quite sure he regarded Grand Victor one of the best breeders ever used in his herd. And when this bull was purchased by

## YOUNG BULLS FOR LIGHT SERVICE

And about 25 bull calves. Also some desirable young females. Real club material. Come to Abilene. Address

### C. W. TAYLOR, ABILENE, KAN.

### DR. HARKEY'S ACCREDITED HERD

Young outstanding show heifers and bulls by the grand champion REALMS COUNT 2nd. A superior herd but those for sale are priced right. DR. W. C. HARKEY, Lenexa, Kansas.

### Bluemont Auditor, Jr. Champion STOCK SHOW

Two bull calves for sale sired by Secret Lad. Dams by Missie's Last and Watonga Searchlight. G. D. HAMMOND, ST. JOHN, KANSAS.

### J. P. Ray & Sons' Herds in Kan. and Okla.

Headed by Cumberland Hero by Cumberland Diamond and Missie's Sultan 2nd by Missie's Sultan. Sale Feb. 20. Write Guy Defay, Mgr., Hooker, Okla., or J. P. Ray & Sons, Lewis, Kansas.

### A Large Well Bred Western Kansas Herd

Dams mostly by Avondale Villager by Augustine and Whitehall Glacier by Fort Memory. Junior sires are Emblem Marshall by British Emblem and Madley or Maxwellton Wanderer. Offering cows, heifers, bulls and young stock. Robert J. Ackley, Holcomb, Kan., Motor Rt.

### The Oldest Shorthorn Firm in Linn Co.

Dams mostly by Searchlight, Orange Lad, Orange Major and King's Choice. Herd sire, Vinewood Baron. Offering a number of nice bred heifers, yearlings, and calves. Priced to sell. Write A. M. Markley, Mound City, Kan.

### Cumberland Diamond—Villager's Champion

These sires head the herd. Dams from popularly bred Scotch families as well as some from milking strains. Heifers, bulls, cows and young stock for sale. E. L. STUNKEL, PECK, KANSAS

### Good Reliable Breeding Shorthorns

Imp. Kinchery Ensign at head of herd. Dams by Lavender Stamp out of popularly bred Scotch dams. A Lavender Stamp yearling bull and some Scotch topped females for sale. F. X. KELLY, GARDNER, KAN.

### THE FOUNDATION KIND

Senior sire, Rosedale Secret by a son of Whitehall Sultan. Junior sire, Roan Acres Sultan by 2nd Fair Acres Sultan. Dams, Dainty Dame, Wimple, Nonpareil, etc. Scotch and Scotch topped females and youngsters for sale. F. W. Wilson & Son, Wellsville, Kan.

### KELLERMAN'S SCOTCH SHORTHORNS

Roan bull by BEAVER MARSHALL, Campbell Bloom dam. 8 months and weighs 900 lbs. Red bull, same sire, out of Victoria dam. Both priced to sell. G. F. KELLERMAN, MOUND CITY, KAN.

### Dual Shorthorns

"Record of Merit" cows \$250. Untested cows, heifers and serviceable bulls \$100 to \$150. Bull calves cheaper. Herd Federal accredited. Herd headed by White Goods. J. W. HYDE, ALTOONA, KANSAS.

### Choice Heifers

Open or bred. Herd sires: (Imp.) FANCY COMET and CHALLENGER'S KNIGHT K. Bulls of serviceable age all sold. Write us about these heifers. H. I. Gaddis, McCune, Kas.

George Bothwell the improvement made in the Nettleton herd was really remarkable. Mr. Duncan then realized he had made a mistake in selling Grand Victor and he bought one of his calves from Mr. Bothwell, recorded as Golden Lavender 222970, which as a breeder proved a worthy son of an illustrious sire.

It was on the get of Grand Victor that George Bothwell used the great sire, Nonpareil Victor 132573, and by this combination of blood produced so many prize winners at state and national shows.

All successful cattle breeders recognize the importance of sires and there is a disposition sometimes to give the credit of a marked improvement in a herd to some one noted bull, when part of the credit should have been given to good bulls previously used. Many breeders who knew both bulls, fully agree that Grand Victor laid an excellent foundation on which Nonpareil Victor built so splendidly. Their combined blood certainly resulted in producing Shorthorns of marvelous excellence, and judging Grand Victor on his own record, on the merit of his own produce, it can be safely said that he was one of the great sires of his day.

Among the successful show animals of the time which either were sired by Grand Victor or were out of Grand Victor dams were the champion bull, Nonpareil of Clover Blossom, and the following, all winners in state or national shows: Rosamond Victor 26th, Victor of Clover Blossom, Grand Victor Victor, Nonpareil Hero, Clover Bud, Nonpareil Comet, and Nonpareil King, the last named being a remarkable animal, winning first as a calf at the International, and giving a good account of himself in the show rings from that time till he won fourth as an aged bull in the Lewis and Clark Exposition.—B. O. Cowan.

## Shorthorn Grade Steers

are worth \$36.40 more at 1000 pounds weight than steers sired by common bulls. For particulars address

### American Shorthorn Breeders' Association

13 Dexter Park Avenue, Chicago, Ill.

## BULLS AND CALVES

Scotch and Scotch topped bulls and calves. Nicely marked. Some bulls old enough for service. A number sired by Fair Acres Jr. THEO. JAGELS, HEPLER, KAN.

### 1894—Nevius Farms Shorthorns—1922

Females of best Scotch families. Young herd bulls by Golden Search by Searchlight, and Brave Sultan. Priced right. C. S. NEVIUS & SONS, CHILES, KANSAS

### R. M. Anderson, Beloit, Kan.

Milking Shorthorns, headed by Glenrose Lad 566412, the best Dairy Shorthorn bull in the west. Must sell him. Write for price.

### Cloverleaf Herd of Shorthorns

A herd of pure Scotch Shorthorns headed by Baron Dale by Diamond Dale. Scotch cows and heifers for sale. Farm four miles west of Sumnerfield on the Nebraska-Kansas line. Write for prices and descriptions. G. F. HART, SUMNERFIELD, KANSAS.

### HEAVY MILKERS OF BEEF TYPE

Practical Farm Shorthorns in fact is our aim. Several outstanding young herd bulls by Villager Magnet 468066 for sale. Fred Abildgaard & Sons, R. 6, Winfield, Kan.

### HEIFERS AND BULLS

By Imp. Bampton Dramatist, out of Scotch dams, a number of which are imported. Write to visit our herd. D. WOHLSCHEGEL & SONS, Harper, Kan.

### RUGGED FARM BULLS

At farmer prices. FAVORITE by Cumberland Type heads the herd and giving fine results. Accredited herd. Write us. FRED MANINGER, HARPER, KAN.

### WHITE'S WELL GROWN SCOTCH BULLS

Dark Roan Sept. 2-year-old; light roan May yrling; Nov. yrling; Jan. yrling; Feb. yrling. Priced reasonably. Federal accredited herd. 60 day rotter if desired. You'll like these bulls. C. H. White, Burlington, Kansas.

### Emblem Jr., Noted Son

of Imp. British Emblem heads my Shorthorns. His choice sons and daughters now for sale. E. S. DALE, PROTECTION, KANSAS

### ALFALFA LEAF FARM SHORTHORNS

A herd of choice bred, thick fleshed, early maturing Shorthorns. Herd headed by MAXWALTON MAX-DOLIN. Herd is federal accredited. Young stock for sale. JNO. REGIER, WHITEWATER, KAN.

### Homer Creek Shorthorns

Herd federally accredited. The get of Scotch Lord have been consistent winners at the leading county and district fairs of Kansas, Oklahoma and Missouri this fall. CLAUDE LOVETT, NEAL, KANSAS

### 1910—EUREKA SHORTHORNS—1923

VILLAGE MASTER by Silver Knight and VILLAGE PARK BARON by Imp. Gainford Rothes Prince in service. Both bred by J. F. Prather, Williamsville, Ill. Write your wants or call and see the herd. Harrison Brookover, Eureka, Kansas.

### High Class Bulls For Sale

Including some sired by Marauder out of Matchless Dale dams. Offering our senior sire, Cumberland Cup. New sire is SCOTTISH CROWN by Marshall's Crown. Ivy Allen & Sons, Burlington, Kansas.

### Lowmont Shorthorns—Federal Accredited

Herd bulls, Augusta's Archibald by Right Stamp, out of Imp. Brandy's Augusta 4th and Merry Omega by Anoka Omega. Young bulls for sale. E. E. HEACOCK & SONS, Hartford Kansas.

### Collynie Bred Shorthorns

Offering Kansas Prince for sale. Have used him for almost 7 years. He has proved a great sire. Also a 2-year-old Scotch bull that is a real bull. O. O. MASSA & SONS, Coffeyville, Kansas.

### KNOX KNOLL STOCK FARM

SCOTCH CUMBERLAND 480200, grand champion 6 strong 1922 county show, heads my federal accredited herd of 50 females, Junior sire, RADLUM STAMP 1024606. S. M. Knox, Humboldt, Allen Co., Kansas.

### 125 FEMALES OF BREEDING AGE

All bred last spring to Villager bulls. A tuberculin tested herd of Orangeblossoms, Victorias, etc. Scotch and Scotch topped. Nothing for sale now. WALTER WELCH, MACKSVILLE, KANSAS

### MORE IMPORTED COWS

than in any other herd west of the Mississippi. Imp. LOCHDUB WARRIOR at head of herd. Young stock both sexes for sale at reasonable prices. 100 head in herd. J. C. ROBISON, TOWANDA, KANSAS

### LOOKY ACRES SULTAN

By Fair Acres Sultan, heads my herd. Most of the dams are on Victoria foundation. Young stock by Looky Acres Sultan and Villager Viscount, by Gregg's Villager. Write us. Fremont Leidy, Leon, Kansas.

### BRITISH VILLAGER

by British Emblem and out of a Myrie dam, heads the herd. Dams mostly Orange Blossoms, Aconites, Proud Queens, etc. Nothing for sale; inspection invited. ASENDORF BROS., GARDEN PLAIN, KAN.

### POLLED SHORTHORNS

Grassland Polled Shorthorns  
Young bulls for sale of a very high quality. Also females, either cows or heifers. Inspection is invited. Address, ACHENBACH BROS., Washington, Kan.

### Banburys' Reg. Polled Shorthorns

Some of the best blood of the breed. 10 bulls for sale \$75 to \$500. Public Sale and Calf Show April 20, 1923. Calf Show 10 A. M. J. C. BANBURY & SONS, PRATT, KAN.

### POLLED SHORTHORNS

increasing in popularity. Cows, heifers, yearling bulls by Forest Sultan and Buttonwood Marshall. A large herd from which to make selections. C. M. Howard & Sons, Hammond, Kan.

### SUNNY SLOPE STOCK FARM

Young stock for sale, either sex, sired by Cumberland Sultan. Good individuals and priced right. Inspection invited. T. M. WILLSON, LEBANON, KANSAS

### D.S. SHEARD, ESBON, KAN.

Cows and heifers of the best Polled blood lines. Sultans, Select Goods and Barons. Your inspection invited.



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