

Twenty-Eight Pages

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# FARMERS MAIL AND BREEZE

Library K S A L

Vol. 44.

May 2, 1914

No. 18.



"O, Happy Day"



## School Special:

County Unit A B C

By D. A. Ellsworth

Schools That Make Farmers

By W. D. Ross

High Schools Near Farms

By Henry Hatch

Why Consolidate Schools

By E. Gasche

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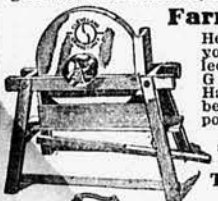
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**Schools That Make Farmers****What a Kansas School Teacher Saw in Indiana**

BY W. D. ROSS

State Superintendent of Kansas Schools

**M**ORE boys would become farmers  
and fewer would become lawyers,  
clerks in stores, and railroad and  
factory hands, if we had consolidated  
schools to take the  
place of so many  
one-room district  
schools.



W. D. Ross.

Recently I visited  
two consolidated  
schools in Mont-  
gomery county, In-  
diana. The Brecks  
consolidated school  
and the Wayne. The  
Brecks school is 5  
miles from any  
town. It was es-  
tablished in 1901  
and was the first  
consolidated school  
in the county. Pu-  
pils are hauled to and from the school  
in covered heated wagons. The longest  
haul is 5½ miles.

When the Brecks  
school was opened  
there were 149 dis-  
trict schools in the  
county; now there  
are only 26. The  
other 123 have  
been consolidated  
into 22 consoli-  
dated schools.  
Only 16 out of ev-  
ery hundred chil-  
dren in school in  
Montgomery coun-  
ty now attend the  
one-room district  
schools.

Every consoli-  
dated school has a  
four-year course in  
agriculture. Re-  
cently 500 pupils  
in the Montgom-  
ery county consolidated schools were  
asked what they wanted to become when  
they grew up. An equal number in the  
district schools were asked the same  
question.

In the district schools 55 boys wanted  
to be lawyers; but only 21 of the boys  
in the consolidated schools admitted as-  
pirations for the bar. Forty-eight dis-  
trict school boys wanted to be mechanics  
and 86 of the consolidated school boys.  
Then came the real back-to-the-farm  
movement. Only three boys in the dis-  
trict school bunch wanted to be stock  
breeders, and only 92 said they wanted

to become farmers. But in the consol-  
idated school contingent 41 were for  
stock breeding and 129 said they were  
planning to become farmers.

In other words, 180 boys in the con-  
solidated schools wanted to remain on the  
farm, out of the 500; in the district  
schools only 95 would have anything  
more to do with farm life.

I account for the fact that so large a  
per cent of the boys in the consolidated  
schools wanted to remain on the farm  
is because the old district school gave  
them the idea that farming is a dreary,  
lonely, burdensome occupation. The  
consolidated school has linked it up with  
the convenience and spirit of modern  
life and made it a live and interesting  
occupation for the boys. In Randolph  
county, Indiana, 95 per cent of the  
graduates from the grade schools last  
spring are in the high school this  
year. Twelve years ago when there  
were no consoli-  
dated schools in  
that county the  
per cent of grade  
school graduates  
going into high  
school was 21, the  
same, virtually, as  
in the rural school  
districts of Kansas  
today.



Two Young Farmers

In my opinion  
the same results  
may be obtained in  
our Middle West-  
ern and South-  
western states ex-  
cept in thinly set-  
tled counties. The  
Indiana law, which  
provides that  
whenever the at-  
tendance of a dis-  
trict school falls  
below a daily average of 12 the dis-  
trict must be consolidated with another,  
would prove a hardship in some of  
the sparsely peopled counties in  
the western half of several of our  
states.

One other advantage Indiana has is  
better roads, taking the state as a  
whole, but that is not an insurmount-  
able obstacle. Good roads are coming,  
and following them, sooner or later, will  
come the consolidated schools, better ed-  
ucation, and fewer of the strongest boys  
and girls going to the city instead of  
building up the farming communities.

**Gould Has a Kafir Contest**

The boys of eleven counties in the  
southwest corner of Kansas are to have  
a kafir-growing contest this year—a con-  
test that will bring substantial prizes  
and lots of honor to the winners. The  
contest is being organized by L. H. Gould,  
a graduate of the Kansas Agricultural  
college and district demonstration agent  
for southwestern Kansas. In a recent  
two-day motorcycle trip over his dis-  
trict, Mr. Gould talked about this con-  
test at twenty rural schools. More than  
200 boys signed up for the work, and  
a great many more will enroll within the  
next few weeks.

Preliminary contests will be held in  
each of the counties. The winners in  
these county contests will be sent to  
Manhattan next winter, for farmers'  
week, to enter their kafir in the state  
contest. Any boy may enter the state  
contest, but the winners in these coun-  
ties will have their expenses paid. In  
Kearney county the first five, and in  
Stevens county the first four boys will  
be sent. The other nine counties are  
planning to pay the expenses of the boy  
who takes a first in the preliminary.

After the county contests, the winners  
from the eleven counties will take their  
kafir to Dodge City and enter it in a  
district contest. The winner here will  
have his expenses paid for a ten weeks'  
course at the Kansas Agricultural col-  
lege next winter.

The money already has been pledged  
for this work, says Mr. Gould. The boys  
are taking up with the idea in fine shape,  
and the prospects that the plan will be  
a success could not be better.

Every boy will grow an acre of kafir.  
He will be graded 30 per cent on yield, 30  
per cent on net proceeds, 20 per cent on  
the exhibition of grain, and 20 per cent  
on an article telling how to grow an  
acre of kafir.

It will be noted that the net proceeds  
from the acre count for 30 per cent  
on the final grade. A strict account  
must be kept of all work done, and this  
must be charged up against the value  
of the crop produced. If a large yield  
were the only thing taken into consid-  
eration a tendency would be fostered  
to do work that a farmer could not af-  
ford to do on a large field.

**To Go To Many Schools**

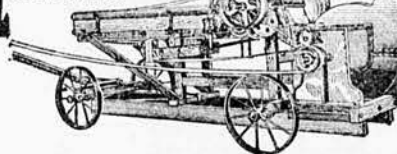
The good people of Lindsay were  
delighted a few nights ago when Gov-  
ernor Hodges—after hearing the sing-  
ing of the Messiah—declared, feelingly,  
that his little girl, now 9 years old,  
should go to Lindsay for her musical  
education, says the Emporia Gazette.  
But the Lindsayers did not know what  
the people of Manhattan know that this  
little girl is to be educated at the Kansas  
Agricultural college. Neither did they  
know that Lawrence has a prior claim  
over all subsequent promises, for the  
governor's daughter is also to be sent to  
the State University. The governor has  
said so in his speeches. With a few  
years at Washburn, Baker, Emporia and  
Winfield, little Miss Hodges will be well  
equipped for the battle of life.

It's a fine thing for a man to keep his  
mouth shut when it would not be hon-  
orable for him to open it.

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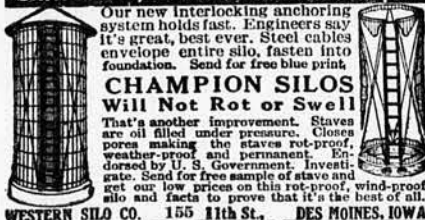
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# THE FARMERS MAIL AND BREEZE

An Agricultural and Family Journal for the People of the Great West



Volume 44  
Number 18

TOPEKA, KANSAS, MAY 2, 1914

Subscription  
\$1.00 a Year

## The County Unit A B C

Some Facts Every Farmer Should Know About Schools

By D. A. Ellsworth, Secretary Kansas State Teachers' Association

The county unit system of school government described here is the plan proposed by the state teachers. It does not represent the view of the Farmers Mail and Breeze, necessarily. It is printed because every reader should have the information and because we believe Mr. Ellsworth has presented his case impartially. It is as much the duty of the Mail and Breeze to give the teachers a hearing as it is its duty to give its readers the facts.

**I**F THERE is one subject in which parents are keenly interested that subject is schools. Scarcely a man or a woman, in city or country, lives a day without hearing or seeing something about it. Books by the library-full have been written about it. Millions of words have been flung at helpless audiences by more or less eager and earnest men or women in efforts to support this or that theory as to education. Consolidation; county unit; single unit; district organization—with one name or another the problem confronts you every day. And after you've finished reading or listening, how much clear, usable information have you tucked away for the future?

The Farmers Mail and Breeze has asked me for a concise question-and-answer arrangement of the necessary facts in present hour school questions as many of us view those facts—a sort of A B C of the school problem. Here it is as I view it:

What is meant by the county unit?

A plan to put all the rural schools and such small town schools as employ fewer than six teachers into one group for each county.

Does that mean to do away with the present district organization?

There would be some changes in it, no doubt, but there is no thought of doing away with the districts. In what way will the county unit be better than the present district unit?

Two things are claimed for the county unit. The first is a better method of taxation. The second deals with administration of the schools.

How would the tax be levied and apportioned?

All the districts in the county unit would form a county district for purposes of taxation. Instead of a hundred or more districts, each with its separate levy, there would be one district and the same levy on all property within it.

Can you show how this would help matters?

Take Montgomery county, for example. The districts range in valuation from \$27,700 to 3 million dollars. The first has to vote the full amount allowed by law,  $4\frac{1}{2}$  mills, and all they get is \$125. The second one levies 35 cents on the thousand and realizes \$1,050. If the second district were assessed even the average levy for that county the amount would be seven times as great. That is the district where the Standard Oil company has a tank-station,

and so, you can see, Mr. Rockefeller is the one that escapes even the average tax for that county, while the farmers of the poor district near by must pay the full amount and then not have enough for a school. And the same thing is true in every county. The corporate plants escape the average tax as it is and the poor district gets the maximum all the time.

Then you would have the total valuation of the county unit assessed to meet the total cost of the schools of the county unit?

That is the plan for taxation under the county unit.

Does that go to prove that the present plan by districts fails to give the children of the poor districts as good a deal as it gives to the children of the other richer districts?

Yes. In other words it means inequality of opportunity to the children of the rural schools. More than that it violates a just principle of taxation that taxes should be levied according to ability to pay.

I have read that poor service costs more than good service under the present system; have you an example to prove that?

Every county in the state has examples to prove that. Take Decatur county, for instance. District 99 is valued at \$27,720. They levied the full amount— $4\frac{1}{2}$  mills. That gave them about \$125 to run a seven-month school and they paid \$230 for a teacher. They had eight children enrolled, with five present on an average. And it cost them about \$35 for each child. District 68 has a valuation of \$231,512. They levied 2-2-10 mills. That gave them over \$500. They paid their teacher \$520. There were 47 children enrolled, with an average of 40. It cost that district about \$12 for each child. Now get this: The first district has just half as good a plant; it levied twice the tax; it had one month less school; it paid the teacher one-half as much salary as the other district, and it cost it nearly three times as much by the child. That proves that poor service costs more than good service, or to put it another way, the present district system makes for inequality in the cost of service. And this works both a hardship to the child and to the taxpayer.

How would the county unit plan help this?

The matter of taxation we have agreed, and so does almost every one agree, can be adjusted equitably under the county unit plan far better than by merely modifying the present district plan. In time it may be that the common schools will receive direct support from the state just as the state supports the higher institutions now. The fact is that Kansas is one of the eight states that do not do this now. California contributes fully half to the support of the common schools; Maine does even more than that.



Every Boy in Kansas Should Learn How to Make Things Worth While.

There are those who would have federal aid, and it may come some day. But right now there is no plan so ready as that of the county unit to make taxation equitable, sufficient for all the schools, to keep the power to fix rates and proportion the proceeds justly with the people who pay the tax, as the county unit.

What about the wisdom of keeping the present boards of directors in charge of district schools?

The plan of the county unit is to supplement the work of the present boards rather than to supplant them. In some states they have no district boards, and no districts. The county board has the power to employ the teachers, establish new schools, buy the supplies, consolidate schools, supervise the work, employ a county superintendent, establish high schools, in fact exercise as much power and control over the schools of the county as the board of education does in the average city. The whole tendency now is to direct administration by qualified executives, but only under authority delegated by the people. The commission form of government is the least autocratic of all and this is true by virtue of the initiative, referendum and the recall. So a county board would mean no loss of democracy. The members would be chosen by the voters of the school's unit. No two would be from the same township. There would be six of them, say. They would be paid by the day, perhaps \$3 a member. They would meet once a month. It would be no high-priced board. Lay boards should not draw experts' salaries.

Is that the plan you favor in Kansas?

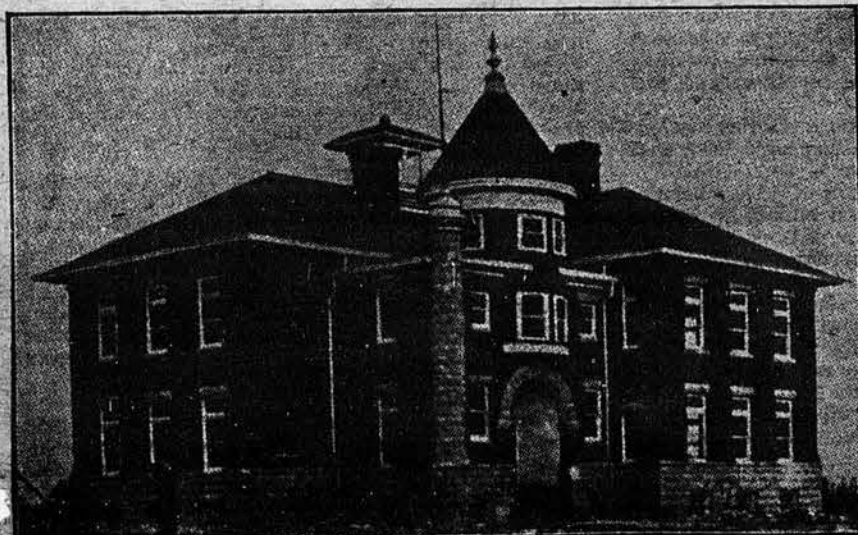
No. I would have the county board levy and apportion taxes. It should provide for those things which any one district board could not do. But the district board could choose the teacher, select the equipment, direct the school, while the county board will have plenty to do in obtaining uniformity, acting as agents for all the boards, encourage federation, and, above all, provide for rural high schools.

Will you please describe again the things which seem to be weaknesses of the present plan?

They are (1) inequality of opportunity to the children; (2) unequal taxation and inequitable distribution; (3) inequality in the cost of service rendered; (4) too loose an executive authority, and (5) the need of a board to do those things which are concerned with the inter-relations of the various district schools, such as uniformity, federation and supplying the county with a complete system of rural high schools.

Why have there been so many resolutions against the county unit?

(Continued on Page 3.)



The Consolidated High School at Rose Hill, Kan.



# DEPARTMENT EDITORS

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Entered as second-class matter Feb. 17, 1906, at the postoffice at Topeka, Kansas, under the act of Congress of March 3, 1879.

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# The Farmers Mail and Breeze

Published Weekly at  
Eighth and Jackson Streets, Topeka, Kansas.

ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor.  
CHARLES DILLON, Managing Editor.  
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# PASSING COMMENT—By T. A. McNeal

## Editor Palmer Wants to Know

Editor Palmer, of the Jewell City Republican, week before last devoted two more columns of his editorial space to a discussion of the currency question. He is firmly wedded to the theory that money must have intrinsic value in itself and that this intrinsic value must be gold.

He believes that if any other than gold money is used, such as paper currency, this must be redeemable in gold. He believes that to make money out of material that has not intrinsic value; in other words, that is neither made of gold nor redeemable in gold, would lead to financial disaster and possibly to the ruin of the government.

He likens gold to the pound or yard as a measure of value, as the pound and yard are measures of length and weight, and insists that the yard must be measured by some actual substance and also the pound.

Finally, he asks me what I would have inscribed on the money that did not have intrinsic value in itself. As the last question is the one about which Brother Palmer seems most concerned, perhaps I had better answer it first:

Believing, as I do, that it is a proper function of government to provide a suitable medium of exchange and that this medium should stand for all kinds of intrinsic value and not for one particular kind, I am not greatly troubled by this question. The denominations of money are mere arbitrary divisions fixed by law. Our present denominations seem to me to be as convenient as any that could be devised, and therefore, I would not have them changed.

Now, as to the inscription: Suppose the government issues a bill of the denomination of \$5. The inscription on that piece of paper would be "Five Dollars." The government would also inscribe on this bill that it was a full legal tender in payment of all taxes and debts, public and private.

That bill, in my opinion, would pass current and be accepted at its face in exchange for all kinds of values just so long as this government remains a powerful and respected nation. If our government should fail, if the time ever comes when this nation of ours takes its place among the nations that are dead, its currency would become worthless because the faith and power behind it would be gone.

But suppose that evil hour comes, does Mr. Palmer believe that our present currency and substitutes for money will remain valuable because we pretend that we are going to redeem them in gold?

There are in the United States, according to the best estimates obtainable, something less than 2 billion dollars in gold. Under our present system all other forms of currency and all forms of credit, such as bonds, notes, bank drafts, etc., are redeemable with this less than 2 billion dollars of gold coin.

It has been estimated by gentlemen high in authority that the total evidences of debt, such as national, state and municipal bonds, railroad bonds, other corporation bonds, notes and bills of exchange, etc., amount in round numbers to 80 billion dollars. All of these 80 billions of evidences of debt, most of them interest-bearing, are supposed to be redeemed in gold. In other words, for every dollar of gold money in existence in this country there are more than \$40 of promises to pay.

Suppose that this mighty government of ours were to go down in disaster and irretrievable ruin. Suppose that the nations of the world should unite against it and send their untold myriads of armed men, capture our cities, raze our capital and wipe out our government. Does Mr. Palmer suppose that the fact that we are on a gold basis; that our debts are promised to be paid in gold, would make them any more valuable than if they did not have this promise back of them?

Suppose that Brother Palmer should be alive and doing business at the time of such an awful calamity, and had in his possession 10 government gold redemption bonds of \$1,000 each and \$10,000 worth of bank notes and \$10,000 worth of government notes, either redeemable or not redeemable in gold, what would his government bonds or his bank notes or his government notes be worth? And suppose that the \$10,000 in government notes were not redeemable in gold, would that make them worth less than the government bonds which the government had promised to pay in gold?

Mr. Palmer asks if disaster has not followed the issue of non-convertible paper money. I presume he means paper money that was not issued with the promise to redeem it in coin. It has in certain cases, but not so frequently as in cases where coin has been

the recognized money of the country. Nations are but aggregations of individuals and as in the case of an individual disaster follows the promise to perform what the individual is not able to perform, so financial disaster has followed when nations have made agreements they were not able to fulfill.

Suppose I refer to a case which Mr. Palmer may have had in mind when he asked that question; the case of the issue of the assignats by the French republic immediately after the French revolution. The assignat was a land currency. The new government had confiscated the lands of the nobles and with these lands for security issued the new currency.

If the new republic had been well established and at peace there is every reason to believe that the new currency would have proved satisfactory, but it was a government born in the throes of revolution. It was beset on every hand by powerful enemies. Every monarchy in Europe was threatening its existence. In addition to the tremendous forces on the outside with which it was forced to battle, France was steeped in poverty, the heritage of centuries of misrule.

Under the circumstances the new republic did what any other nation would have been compelled to do under like circumstances. It strained its credit to the breaking point. It issued of the new currency a total of 45 billion francs, which was a great deal more than the landed security behind the assignats would warrant. So they declined in value until they became practically worthless.

But would it have made the matter any better if the French republic had promised to redeem the assignats with gold instead of land? It would not, for the very good reason that the government would have been no more able to redeem its promise in the one case than in the other.

When the southern Confederacy was formed it issued gold redemption bonds and paper money which bore on its face the promise of the Confederate government to redeem it within a certain time, two years I think, after peace had been declared between the Confederacy and the United States.

At first the world believed that the Confederacy would triumph, and while that impression prevailed the Confederate bonds sold readily at par or nearly par in the money markets of Europe. During those early days of the Confederacy the Confederate currency passed current at its face value in every city of the South.

But when it became manifest that the North was determined to use every resource at its command of men and means to put down the Rebellion, there began to be a doubt about the future of the Confederacy. As our armies pushed their way slowly but persistently southward the doubt increased, and just in proportion as it increased the purchasing power of the Confederate bonds and Confederate currency decreased, until with the surrender of Lee the last vestige of value went out of both. But the currency was worth just as much as the gold redemption bonds.

I suppose that Mr. Palmer will say here that while the Confederate bonds and Confederate currency became worthless, the gold coin in the Confederate treasury still was worth as much as while the Confederate government was still in existence. That is true, and if it were possible to do the business of the world with gold money there would be considerable force in this argument, but he knows that to conduct the business of the world or of the United States with gold is an impossibility. He knows that to undertake such a thing would bring on the most colossal panic of all history. It would certainly topple over our whole financial structure and precipitate industrial chaos.

The business machinery of this and other nations runs on now because of a prevailing blind faith that the promises made will not have to be fulfilled.

There are, according to the most reliable statistics I have been able to find, about 8 billions of dollars of gold money in the world. On this narrow foundation had been piled a superstructure of debt that staggers the imagination and appalls the thinking mind. It is impossible to state the total amount of this burden of debt, but it probably reaches fully 200 billions. And practically all of these multiplied billions of debt are promises to pay in gold. Does Brother Palmer think that a currency issued by the government with a debt and taxpaying power and exchangeable for all values, would be less substantial than these promises to pay that can never be fulfilled?

It seems to me that the situation is fraught with danger. I do not approach this question dogmatically. Possibly my conclusions may be wrong. Cer-

tainly my study of the question during the past 10 years has changed my view. I have been driven to my present conclusion by what to me seems an irresistible logic, but I fully realize that other men as honest as myself, with good brains, like Brother Palmer, disagree with me. I respect their opinions and concede that they may be right and I may be wrong.

My excuse for giving the matter so much space is that the industrial and financial system of the world, I fear, will sooner or later break down under its constantly increasing burden of indebtedness; the promises to pay that can never be redeemed; the terrific interest burden that equals annually nearly as much as the entire amount of gold money in existence in all the coffers of all the people of all the civilized nations.

## Concerning Mexico

At the time this is written President Wilson still insists that there is not a state of actual war in Mexico. That he most earnestly hopes to still avoid actual war is evident and it does credit to his heart and also, I think, to his judgment.

I do not believe it will be possible to avoid sending a large army into Mexico, neither do I believe that the president has much hope that that can be avoided, but he must be given credit for doing everything within the bounds of reason to avoid the tremendous expense and considerable loss of life that will necessarily follow the sending of an army down there.

In last week's issue I said that the incident at Tampico that precipitated the taking of Vera Cruz by United States marines seemed trivial to the ordinary citizen as compared with many other incidents that had been passed over in silence by our government. This is true, but later developments, in my judgment, justify President Wilson in ordering the capture of Vera Cruz.

These later developments plainly show that it has been the steady purpose of Huerta ever since our government refused to recognize him as the rightful head of the Mexican government, to insult this government and drive it to intervention. Huerta believed if he could succeed in doing this he would unite the Mexican people behind him and although he must have realized that the final result would be the subjugation of Mexico by the United States, he would be in better shape if he had to surrender to the forces of the United States than if conquered by the Constitutionalists under Villa.

Acting on this theory, he was determined to offer such an insult to our government that we would be forced to resent it. If the Tampico incident, which seemed trivial in itself, had been passed over, Huerta would have followed with some more flagrant insults until our self respect would have compelled us to take him in hand.

Huerta is, to my mind, the most despicable character in modern history. Even the most bloodthirsty savage among any of our Indian tribes has a code of honor, but Huerta has none. He is a creature of inhuman cruelty and almost unbelievable treachery. The most savage Arabs, whose regular business is to plunder and murder, will not harm one with whom they are breaking bread or one who is their guest. They may rob him the next day, but while he is their guest he is safe on the honor of the Arab.

Huerta obtained his position as head of the military forces of Madero by vehement promises of loyalty, then went to dine first with Madero's brother and then with the president himself in order that he might have the opportunity to seize, torture and murder them. Nothing since the time of some of the basest of the Roman emperors has equaled this act of Huerta's for treachery, cruelty and general all-around infamy.

Sooner or later we had to dispose of the drunken murderer, Huerta. If that was all, the job would not be very serious, but everything indicates that we will be forced to take charge of Mexico. When that is done the cry will go up that the flag must never come down and that we must assume control of all territory to the Isthmus of Panama. That means if we adopt that policy, that we will have another problem on our hands as troublesome and as expensive, perhaps, as the Philippine problem.

It may be that we will be forced to take over Mexico, but I do not believe that such a step will be either necessary or desirable. Our territory is already too extensive and takes in too many incongruous elements. We are so cumbersome and have so many diverse interests pulling against each other that progress is almost impossible.

Let us hope that Wilson will be able to carry out



his policy of pacification without exploitation. Let us hope that the reorganized government of Mexico will be founded on the principle of justice to every citizen of Mexico. Let us hope that the lands of Mexico under the new dispensation will be divided among the peons, who, under a wise and beneficent rule, will have the opportunity to own their little farms and learn how to till them, educate their children and in time fit them for the duties of citizenship.

### The Vote on the Dog Tax Law

I am receiving a good many letters of complaint about the dog tax law passed by the 1913 legislature. One or two indignantly ask for the names of the legislators who voted for the law.

House bill 800 was introduced by Mr. Spiker, of Lyon county, on February 14. It was recommended for passage by the committee on state affairs on February 18 and passed the house on March 3. On third reading the bill was amended on motion of Representative James Orr, of Atchison, by inserting the following words: "Provided, that any person harboring a dog on his premises and disclaiming ownership thereof shall forthwith and in the presence of the assessor, kill such dog."

The members voting for the final passage of the bill were Armstrong, of Cherokee; Bailey, Barrett, Bay, Bentley, Blakely, Burtis, Carnahan, Carney, Chase, Cummings, Dodderidge, Doerr, Dowling, Focht, Foster, Frey, Gillum, Graber, Hangen, Hanna, Hendricks, Herr, Houston, Houtz, Jensen, Kerschen, Kincaid, Laing, Lumpkin, Lyon, Mahurin, McDonald, Miller, of Ottawa; Milton, Mitchell, Moorhead, Moyer, Mulroy, Newlin, Nichols, Orr, Ostlund, Ossweiler, Phillips, Ragle, Reitzel, Ross, Satterthwait, Scott, Shuey, Spiker, Stevens, Stone, of Sherman; Strain, Tannahill, Tanner, Tilley, Timpkin, Todd, Topping, Tromble, Tulloss, Turner, Uplinger, Wilson, of Crawford; Woodbury, Zutavern and Speaker Brown, 69 in all.

Those voting against the passage of the bill were Armstrong, of Cloud; Ashcroft, Atkinson, Boyd, Brewster, Carroll, Cook, Dailey, Davis, of Edwards; Davis, of Gray; Dawley, Fallis, Freeland, Gibson, of Cowley; Gibson, of Crawford; Gilman, Helton, Hines, Holbrook, Jewett, Jocelyn, Keene, Kyser, Lane, Lauback, McCollum, McGregor, Miller, of Cherokee; Robson, Showalter, Smischny, Stone, of Shawnee; Sutor, Tyler, Tyson, Walker, Williams, Wilson, of Greeley. Total, 38.

The following members were marked absent or not voting: Blaisdell, Bunker, Crippen, Drew, Gordon, Hamm, Harned, Johnson, Noble, O'Connor, Perryman, Riddle, Schlicher, Sharples, Thorp, Voiland, Wacker, Watts. Total, 18.

The house bill was reported adversely by the senate committee to which it was referred, but a somewhat similar bill, senate bill 270, had been introduced in the senate. This bill passed the senate on March 4 by a vote of 25 to 9. The senators voting in favor of the bill were Bowman, Carey, Carney, Davis, Denton, Gray, Hinds, Howe, Huffman, Joseph, Kinkel, Klein, Lambertson, Logan, Mahin, Malone, Nighswonger, Overfield, Price of Clark; Shouse, Stavelly, Trott, Troutman, Waggoner.

The senators voting against the bill were King, McMillan, Meek, Nixon, Pauley, Sutton, Williams, Wilson of Washington, and Wolf.

The senate bill was messaged back to the house, which proceeded to strike out all after the enacting clause and amend by inserting the present law. The amended senate bill was then passed by a vote of 64 for and 17 against. The members voting in favor of this bill, which is the present law, were Barrett, Bentley, Blakely, Brewster, Bunker, Burtis, Carnahan, Carney, Chase, Cook, Cummings, Dailey, Dawley, Gillum, Gordon, Graber, Hamm, Hangen, Hanna, Hendricks, Herr, Hines, Houston, Houtz, Keene, Kerschen, Kincaid, Laing, Lauback, Lumpkin, Lyon, Mahurin, McDonald, McGregor, Miller, of Ottawa; Milton, Moorhead, Moyer, Nichols, O'Connor, Ostlund, Ragle, Riddle, Robson, Ross, Satterthwait, Schlicher, Scott, Spiker, Tannahill, Todd, Topping, Tromble, Tulloss, Tyson, Watts, Wilson, of Greeley; Woodbury, Zutavern and Speaker Brown.

The 17 voting against the bill were Carroll, Davis, of Gray; Fallis, Gilman, Holbrook, Jocelyn, Lane, Miller, of Cherokee; Newlin, Reitzel, Smischny, Stone, of Shawnee; Tilley, Tyler, Uplinger, Wacker, Williams.

The senate then agreed to the house amendment and passed the bill by a vote of 22 for to five against. The senators voting for the bill were Bowman, Carey, Carney, Davis, Gray, Hinds, Huffman, Lambertson, Logan, Malone, Milton, Nixon, Overfield, Paulen, Simpson, Sutton, Trott, Troutman, Williams, Wilson, of Jefferson; Wilson, of Washington; Wolf. The five senators voting against the bill as amended by the house were Joseph, King, McMillan, Nighswonger and Pauley.

In his final message to the legislature, under date of March 17, Governor Hodges mentions the dog tax law as one of the meritorious measures passed by the legislature.

### A Question of Fences

Editor The Mail and Breeze—Please answer the following questions pertaining to Kansas fence laws:

A owns three quarters of one section of land. B owns one quarter of the same section. A has the four quarters under fence with B's verbal consent. B takes possession of his quarter, starts improve-

ments and moves in, neglecting to give A any definite notice. Who is the lawful owner of the fence surrounding the two sides of B's quarter?

B makes nominal offer for fence. Is not that an acknowledgement of A's ownership? If A is the lawful owner of the fence, can he take it down and move it without giving B notice?

If necessary to give B notice of removal, how much time should elapse between time of notice and removal?

If A builds entire division fence on the line, can B connect any of his fences to it?

If A builds entire division fence on his own land, can B compel him to build any part of another fence on the line?

#### INTERESTED SUBSCRIBER.

Under the old common law a fence was considered as part of the realty, but this rule might be modified by several conditions, such as the long established custom of the country in which the fence was built. I think it has been the custom in western Kansas very often to regard fences as personal property rather than as part of the realty. However, in the absence of a custom of that sort the fence would become a part of the real estate and belong to the owner of the land unless there was a written contract between the parties, changing this rule.

Contracts affecting real estate are not changed by parole or verbal contracts or understandings. Therefore, unless the old law rule is modified by the customs of the country, as suggested above, I think the courts would hold that the fence belonged to the owner of the land, notwithstanding a verbal agreement.

The fact that B made a nominal offer for the fence would not be an acknowledgement of A's ownership. He might make such an offer in order to avoid controversy and expense.

If, according to the custom of the country, A owns the fence, he has the right to remove it and no particular notice would be required before such removal could be made.

If A builds the entire fence on the line between his land and that of B, he can compel B to pay for half of the fence. B could not attach his other fences to the line of fence built by A and still refuse to pay for the original cost or cost of upkeep of said fence.

If A chooses to build a fence entirely on his own land, B could not compel him to build another fence on the line.

### What Are the Soldiers Paid?

Editor The Mail and Breeze—Please give us some information as to the pay of soldiers. What do the privates get in time of peace? Has their pay increased since being moved to the Mexican border? What was the extra cost of sending the navy to secure the public salute? About what do the corporals, sergeants, lieutenants and captains receive and during what kind of service is their pay increased? Greenleaf, Kan.

The monthly pay of privates for the first term of enlistment ranges from \$15 to \$18 a month. In addition they are furnished with rations and clothing. The term of enlistment is for seven years. The pay of non-commissioned officers ranges from \$21 to \$75 a month, ranging from the lowest ranking corporal to the highest ranking non-commissioned officer. Master electricians and chief musicians of bands receive the highest non-commissioned officer pay, \$75 a month.

Additional pay of from \$1 to \$4 a month is given during each enlistment period of four years after the first. Expert gunners, riflemen, sharpshooters and marksmen receive from \$2 to \$5 a month extra pay. Casemate electricians, loaders, gun commanders and gun pointers receive from \$6 to \$9 a month extra. Twenty per cent increase of pay is allowed enlisted men during service in the Philippines and the same rule will no doubt apply to service in Mexico.

The pay of a captain is \$2,400 for the first five years of service, \$2,640 for the next five years; \$2,880 for the next five years; \$3,120 for the next five years and \$3,360 after 20 years' service. A first lieutenant receives \$2,000 for the first five years, \$2,200 for the second five years, \$2,400 for the next five; \$2,600 for the next five years and \$2,800 after 20 years. Second lieutenants receive \$1,700 for the first five years; \$1,850 for the next five years and \$2,040 for the next five years. The pay of all these officers is increased 10 per cent over these rates when they are in active service or when serving in a foreign country.

I do not know the cost of sending the fleet to Mexican waters to compel the salute.

### Truthful James

"There is another thing," said Truthful, "that makes me weary and that is this thing of charging all the cyclones up to Kansas, and also all the bugs."

"I have seen cyclones in other states that make any of the ones we have had in Kansas seem like the gentle breeze stirred by a lady's fan in comparison. A cyclone passed through Iowa when I was a young man that was a cyclone right. That cyclone went into a house, picked up the kitchen range, shoved it out through a window, carried it fourteen miles and set it up in another kitchen. It had brought the stove pipe along with the stove and put it up; also kindled a fire in the stove and set the kettle on the fire. Did you ever hear of a Kansas cyclone doing a thing like that?"

"That same cyclone stripped the feathers off a

hen and also off a turkey and then stuck the hen feathers on the turkey and the turkey feathers on the hen. The hen was proud of the change as she had always had an ambition to be a turkey, but the turkey was so mortified on account of being made to look like a hen that it pined away and fretted until it died.

"That same cyclone struck a house occupied by a family consisting of a man and his wife and fifteen children and the man's mother-in-law. The members of the family were not injured to amount to anything but they were terribly scattered. They were scattered over seventeen Iowa counties, no more than one member of the family in any one county. The mother-in-law was carried over into Missouri but she came back. The man admitted on the quiet that he had been trying to lose her for a good many years but it was no use.

"And then there is an impression that the bugs are worse in Kansas than anywhere else. They are not. I have seen more bugs and bigger bugs in Missouri, Iowa and Nebraska than I ever saw in Kansas. A friend of mine in Nebraska lay down one day in the shade of a tree and fell asleep. While he was sleeping a flock of grasshoppers came along and bit off his whiskers. He was proud of his whiskers and when he discovered what the grasshoppers had done to him the language he used was something awful.

"In Iowa I have known the chinch bugs to be so thick that one couldn't sleep nights on account of the noise they made. They had a way of gathering in crowds after the day's work was over and raising thunder. Sometimes they would howl and sing nearly all night. Many a night I have got up and emptied both barrels of my shotgun into a crowd of chinch bugs. That would have the effect to scatter them for a while but in an hour or two they would get together again and make as much disturbance as ever.

"They were larger and fiercer than the Kansas bugs, as also were the grasshoppers. You have seen the ordinary grasshopper exude what looks like tobacco juice from his mouth but I never saw a Kansas grasshopper chew tobacco. In Nebraska and Iowa they did. I have seen large, depraved looking grasshoppers up there sitting on the fences chewing tobacco and spitting at corn stalks ten feet away. You never saw a Kansas grasshopper do anything like that."

### Mixing Things Up

If your house were afire would you ask the kind neighbor who brought water to put it out, whether he was a Democrat, a Republican, or a Progressive before you would let him help? Or whether the water he was carrying was Republican, Progressive, or Democratic water?

This is something like our present situation in Kansas, now a three-party campaign seems probable. There is danger of mixing things up and it is going to take the exercise of unusual political common-sense on the part of the people to avoid the sacrifice of their interests.

We don't want all our fine enthusiasm and the ginger we intended to exert for a cleaner and more and more efficient public service in Kansas, to degenerate now into a mere contest between party organizations; and that is the danger. Instead of mere political jockeying we want something DONE this year.

Our urgent need this year of all years in Kansas is action, achievement! We want all the things Kansas has made up its mind that it needs in its business—the things we have so long been fighting for and now generally agree on. We want a real merit system. We want and must have health, business freedom, prosperous conditions and a square deal in every respect for our farm industry. It is the most vital of all vital industries for the well-being of the nation and is our chief business in Kansas. We cannot afford to divide up our political strength if we would do these things now—now that we have only to unite on them to get them done or bring them about.

In the best sense, political parties are the vehicles for putting public measures into operation, they are not of themselves the end sought. They ARE necessary but are to be judged by what they accomplish. Mere partyism is a perversion of their office. This year of all years the thinking, deeply earnest men and women of all political faiths in Kansas are interested solely in bringing about the triumph of the measures and principles for which they have been so long contending. They do not care a rap which party is the vehicle if it has the political strength to put these measures through.

In the present situation there seems only one line of action that promises results: It is for every voter in Kansas to do his part in his party primary to sift out the wheat from the chaff. Then when election time comes let Kansas' noble army of ballot scratchers finish the winnowing out process and circumvent the plot to split up and divide their strength, needlessly, by uniting in choosing the man, men or set of men, likely to be able to accomplish most for the advancement of public service and humanity in Kansas. It's action, not spell-binding nor wind-jamming that we need in Kansas this year.

*Arthur Capper.*



## High Schools Near the Farms

Transportation Is the Chief Bar to Consolidation

BY HENRY HATCH

DISTRICT schools are now drawing to a close all over the country. It is the time of taking stock, of estimating the progress made during the recent term and of planning for the future. We, as farmers, are beginning to realize that we have not been fairly dealt with in school matters in the past, and now we are seeking the remedy. We realize that the higher and better schools have been taken away from us and located in the larger towns and cities, where many of our boys and girls cannot attend or where we do not wish to send them because of bad influences; hence there is agitation for better schools closer to the farm.

In some sections district schools have been consolidated successfully, but this is not practicable everywhere because of lack of transportation. The consolidated plan cannot be made to work where the country is rather thinly settled and long drives would be necessary to gather the children. Another objection to the consolidated plan is the abandoning of good buildings that may now be found in many districts. Within the last five years some very fine school houses have been built in districts, houses that cost \$2,000 and more. Few of these could be used to advantage in consolidation, and it would be necessary to sacrifice them at a low price.

It is not so much because of poor schools up to the eighth grade that makes our present district school unsatisfactory, but the fact that after a pupil has been graduated from the district school the next step is to a school that is too far from the farm, to the high school in the larger towns and cities. This means sending the boy and girl away from the home influence just when this influence is most needed, at an age when the watchfulness of a parent is most needed. The average pupil is now graduated from the district school when from 14 to 15 years old. To send the boy or girl to a town or city at that age, to board with strangers and to associate with all kinds of company, does not tend to improve the moral character. Parents are more and more inclined to shun this, and as a consequence many pupils go no further than the district schools with their education.

Why not the high school in the country? I can find no objection to the plan, in fact I think it is the coming way of handling the school problem after the pupil has been graduated from the district school. In a few instances the plan has already been tried, and with much more success than to bring together all the pupils of a considerable scope of country into what is called the consolidated school. This plan calls for no disturbance of the present district school, but after a pupil has been graduated from the district school the high school is naturally the next step, and in many states it must be the next step if the pupil expects to become a teacher, as high school work is being made compulsory in many of our states. We are being told that this necessary high school work is going to prevent many poor boys and girls from the farm from following the work of teaching; that it means the



Farm or City—Which?

teachers of the future will come largely from the towns and cities where high schools are located, thus cutting out the farm boy and girl, however well fitted naturally for teaching. There is something in this theory, yet, as we expect more from our teachers from year to year and are paying an advance in wages it follows that they must fit themselves for the work in order to be worth the salary they are to get and to come up to the requirements.

I can see in the country high school the remedy for nearly all the ills with which our present school system is afflicted. Let us suppose that four to six common school districts should combine and build a high school building, centrally located. With the districts of average size, this building would not be beyond driving distance from any home within the territory included. In many instances three and four pupils could ride in the same vehicle. The pupils, being 14 years old or more, would in most instances do the driving themselves, whereas, in the consolidated school accommodating pupils of all ages, a driver is necessary for nearly every wagon, and the long ride for small children is too much, besides. This plan offers the advantages of a high school education without going from home to get it. The pupil is at home every night, therefore parents know where their boy or girl is when night comes. Neither does this plan give the pupil the touch of town and city glitter which is so responsible for so many boys and girls leaving the farm. Altogether too many of our boys and girls are educated away from the farm by the environment of the town and city high school. The school itself may not educate away from the farm but its surroundings do; hence the boy or girl, after four years of school in town or city, seldom is satisfied on the farm. To them their four years of life there have been pleasant because they have not had to work for their living, and they do not realize that living there and working for it would be any more unpleasant. The country high school building need not be expensive. A two-room building,

costing no more than \$3,000 and probably less, would answer the purpose of a four to six district territory, and two teachers, one a man and the other a lady, could handle the work of teaching. I believe the clear thinking, progressive farmers of any average farm community would gladly "stand the tax" to provide such a school for the education of their boys and girls after they are through with the district school. In many states they already "stand the tax" of educating high school children without getting much of a chance to get any of the education for their own children. Kansas, for instance, has what is known as the Barnes High School law, which is a disgrace to the state for its unfairness. All the high schools created by this law are located in the towns and cities where few farm children can conveniently attend, and where, if the children do attend by boarding with whoever will take them, the moral influence is not always of the best, yet the cost is always enough.



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## More Prizes For Capper Boys

The State Fair at Hutchinson Has Started Its Corn Contest—Are You Keeping a Careful Record of Work Done?

EVERY Kansas boy in the Capper Corn Club will do well to get into the corn and kafir contests managed by the state fair at Hutchinson. How would you like to win a free trip to the fair next September with all expenses paid? There is a chance for one boy in every county in the state, to do this and win a cash prize besides.

While these contests will be put on by the state fair management the county superintendent will be in direct charge in each county. If you wish to join this contest send your name, address and age to your county superintendent and ask him to forward it to Secretary A. L. Sponsler at Hutchinson. If there isn't time for that send it direct to Hutchinson yourself. All names of contestants are to be in the hands of the secretary by May 15. Only boys between the ages of 13 and 20 are eligible.

In this contest boys in Phillips, Rooks, Ellis, Kiowa, Rush, Pawnee, Edwards, Comanche, and all counties west, are to grow kafir. All boys living east of the counties named are to grow corn. The eastern or corn section of the state is divided into two parts—the Kaw valley, and the Arkansas valley districts—in each of which a separate list of cash prizes is offered.

Secretary Sponsler will be glad to furnish any other information about the contests but the thing to do now is to send in your name, then ask questions afterward. This is not a yield contest but an exhibit contest, the boy growing the best 10 ears of corn or 12 heads of kafir in every county being declared the winner. This corn may be selected from the acre or patch you are growing in the Capper contest. Some of the

The contest editor would like some outdoor photographs of Capper boys and girls. Pictures of boys at work in their corn, or of girls busy with their tomatoes, are especially welcome. But there will be no objection to any good photograph of a club member, taken out of doors, no matter what else may be in it. Every picture that is clear and distinct will draw a prize—a first class jackknife for boys and a collection of souvenir post cards for girls. With your picture send a letter telling how you are getting along with your corn or tomatoes, or write anything else of interest concerning the picture. Both letters and pictures will be published sooner or later, in the Mail and Breeze.

Capper boys have their corn planted while others have been waiting until after May 1 to begin. In the average year in Kansas we would rather take our chances with May planted corn. It nearly always makes a better stand and frequently catches up with the early plantings, especially during a cold, wet spring. We want to again urge every contestant to keep a careful record of all work done on your

acre-plots. Just as like as not some boy is going to win a first prize next fall on a carefully kept record even though someone else may have beaten him on yield.

Many of the girls in the Tomato Club are ready with their plots of ground and are only waiting for their plants to grow large enough to be set out. There is no use in being in a hurry with tomatoes for they are a warm weather crop. Cold, wet days will stunt them. In Kansas there is usually not much to be gained in setting out the plants before May 15. Better leave them in the bed that long, to grow stocky and become thrifty. Be sure they are not too thickly planted, or they will be spindly. A little thinning out will remedy this.

Some of the boys and girls, who were in the contests last year, have the idea that it is not necessary to renew their memberships. This of course, is a mistake and it would be a pity, indeed, if some contestant should find next fall that he or she had forfeited the right to a prize through this oversight. Be sure you have sent in your name this year and then go after one of the prizes as if you meant business. You will find the membership blank on this page. This will probably be the last opportunity to join this year.

### This Enters You in the Contest

ARTHUR CAPPER, 800 JACKSON STREET, TOPEKA, KAN.

Please enter me in the  
Boys' Corn Growing contest.  
Boys' Kafir Growing contest.  
Girls' Tomato Growing contest.

(Draw a line through the contest you do not wish to enter.)

My name is.....

P. O. and State .....

My age is.....

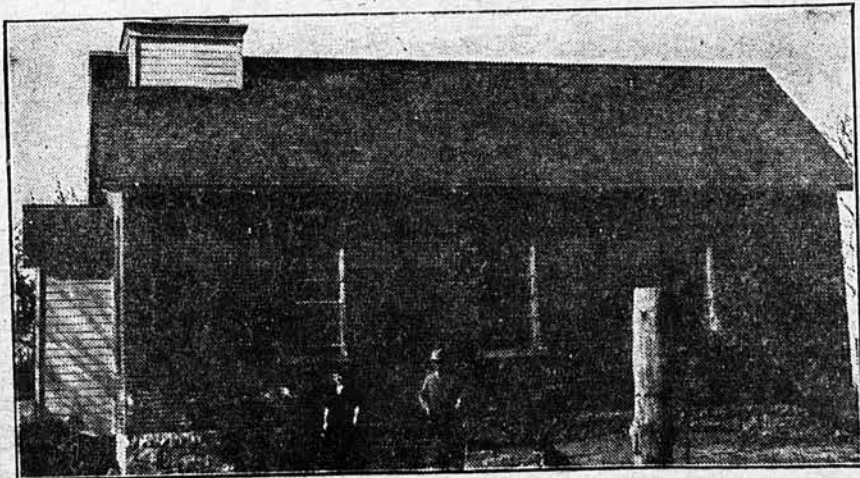
Properly filled and mailed as directed, this blank entitles the signer to the full benefits of the club and contest, without further notice from the Mail and Breeze.

### One Teacher, Five Pupils

BY JOHN H. BROWN,  
Atchison, Kan.

You've seen this kind of school house many a time. This one is on the land adjoining the State Orphans' home on the north. The teacher, Anna Haight,

receives \$30 a month. There is a scarcity of children. Five are now on the roll. A notice tacked on the door says an election will be held soon to get more money to continue the school term. Education comes high in this district. The trustees are Martin J. Baker, Sam Gilwick and L. Scott.



One Teacher and Five Pupils in This School, Near Atchison

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L-F

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Hutchinson, Kan., March 31, 1914.  
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# Why Consolidate Schools?

Reasons the National Grange Gives for Favoring It

BY E. GASCHÉ  
Lecturer Pomona Grange, Coffey County

THE National Grange, which advocates vocational training in country schools, believes such schools must be consolidated to secure the best results. It would cost too much to properly equip every school district and provide trained teachers. Consolidation seems to be necessary in order to have pupils enough to make it worth while to provide the required teachers and equipment to successfully carry out the plan. But not consolidation with town or city schools where the sentiment is all against rural pursuits, or any work that soils hands or clothing.

Better farms, houses, rural schools and roads have been some of the things the National Grange has advocated from its beginning. As soon as the Grange was organized it joined the farm press in the demand that the funds provided by the Morrill Act should be used to establish and support real agricultural colleges, instead of being given to classical schools, with a very diminutive course in agriculture tacked on the end of their classical courses. The contest which followed showed the Grange that some of the educators thought the Grange did not know what farmers needed. The result of the contest is well known.

## "Country" High Schools Needed.

Since the "land grant" colleges have become true agricultural colleges, the Grange has been advocating rural school betterment. Has favored taking the high school to the country so that rural children can complete a high school course in the safety and comfort of home surroundings. For experience has shown that the environments of town and the influence of such teachers and classmates educate country youth away from the farm.

Careful study of school statistics will prove to you that only a small per cent of our children ever complete the high school course, and a very small number can go to college.

As it is well known that the present high school course is arranged to prepare pupils for the college or university, many farmers are asking that a course of study be arranged for country pupils that will fit them for their life work, instead of compelling them to waste months of precious time over studies that cannot help them in their life pursuit. Vocational training—this to include agricultural, mechanical and domestic science—does not require some of the branches included in the present high school course. These studies should be made elective so that all pupils that wish to go to college, and prepare for teaching, or some other profession, need not be forced to leave home to take the high school course.

## A Really Rural School Wanted.

Rural patrons do not wish to interfere with the management, or the course of study preferred for town and city schools, but they do want a share in planning for rural school betterment. The "plaster cast" course of study which all children are made to fit, whether it fits or not, is not suited to rural needs. The times, and the needs of the country demand something more from our schools and colleges than a set of candidates for

the soft-handed professions. The need is for a much larger number of trained workers in many vocations, and our country schools should do what they can to prepare our children to meet this need. A reasonable amount of money expended for this purpose is a good investment for the state. "The best is none too good for our Kansas children."

Better schools may cost more money, but so does the present day equipment of our farms, our homes, our roads and many lines of public service. It is our duty to see that we get "value received" for any expenditure of funds we may have to make in improving our rural schools. It will surely cost less to give a farmer's children a high school education in the country than to send them to town for it.

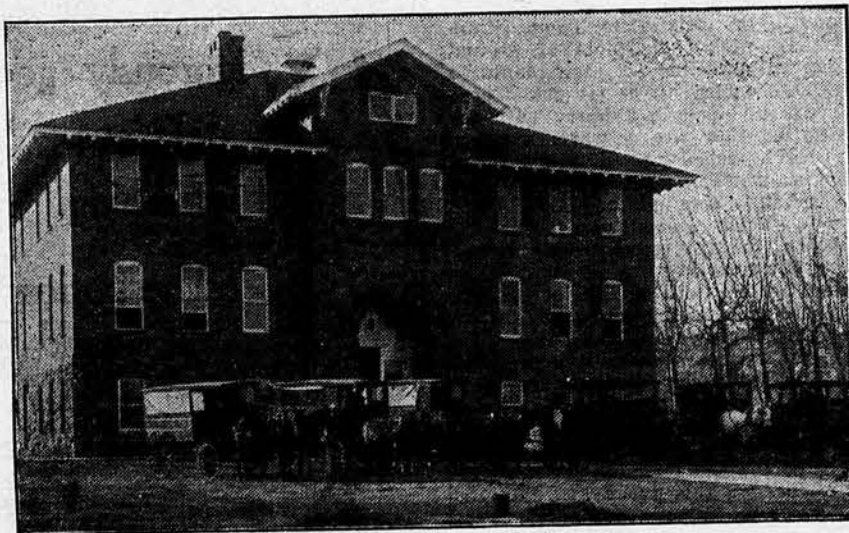
Besides, our tenant farmers and the small farmers and the day laborers need better school advantages near home that they may have the chance to give their

reaction. Neighborly hospitality also is being forgotten, because the children are kept so busy evenings with their books. If it is brutal to put so much physical labor on children that there is no time left for rest or play, what is to be said of crowding their waking hours with so many mental tasks that they have no time, or are too tired to play?

This brings us to another matter. If we centralize the schools, we must have good roads for the children to travel to and from school. Children that have to ride two or more hours to reach the school, and as many to return, study six hours a day, perhaps play an hour or more during the recesses, put in nearly twelve hours a day in a way that heavily taxes their strength, without counting the time it should take to follow this up with the proper amount of study. We cry out against the long hours and heavy tasks set children by factory owners. Let those who have charge of our school affairs have a care that they do not overburden the children while trying to help them.

## Good School Roads Would Help.

Picturesque cross state and county highways and boulevards would advertise our country to long distance travelers, but they pay no taxes here, nor



A consolidated school and wagons for pupils, near La Porte, Col.

children a fair start in life. We must keep in mind that teachers and educators have something to sell—their services as instructors. Farmers buy these services to help their children acquire a certain amount of knowledge. All over the world the buyer has the right to say what he wants to buy. In preparing for the teaching of our country children, surely our rural people should have the right to say what lines of knowledge shall be taught their children, whether they shall be prepared for entrance to college or for their life work.

## Courses Are Too Crowded.

Another thing which should be kept in mind is more freedom from night study, so that a little time may be left for rest, for neighborhood sociability and hospitality. If the county unit system of school management is to provide a uniform course of study in the city, town and country high schools, and crowd in the vocational course with the already crowded high school course, then we must strive to obtain separate management for rural schools.

Already the high school course is so crowded with studies that there is no time for just plain rest, and family rec-

help build up the country. But good school roads would save the time and strength of our children, develop the resources of the county and its communities, make it a better place in which to live, and easier for the children to go to day school, Sunday school, church and other social centers. Good school roads for all the children will solve the cross-state and country road question, as well as advertise us to all good people who want a desirable place for a home. Let the educators and farmers "meet together, talk together and work together" for rural school betterment.

Waverly, Kan.

## The County Unit A B C

(Continued from Page 3.)

For the same reason you read about when District 76, in Coffey county, demanded the repeal of a law that was repealed one year ago. It was resolved that teachers and college professors should not suggest to them what was good for their schools. And again a Marysville meeting resolved that the teachers didn't have any right to use their own money to advance the things which they believe will help the schools. Both meetings were simply in error. What is needed is a debate in every county in the state on the county unit. Shape the question in this way:

"Resolved, That our county would be benefited by the county unit."

Get down to the local conditions. Let the facts speak in their own tongue. Let the plan stand or fall as a fair, clear-headed analysis of the local conditions may determine. That is the only test.

Cut out the resolutions that abuse your neighbors. No one has any frame-up to put over. We are all citizens of a great state. Let us think for ourselves, have respect for our neighbors' opinions, take counsel together, and be fair.

There are so many things one can do that count for something rather than worry over something that can't be helped.



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## More Corn From a Thin Stand

More Often Too Many Kernels Are Planted to the Hill

BY HARLEY C. HATCH

NEVER before has such a proportion of the corn crop been planted with seed two years old as will be this year. In this locality we believe fully half the acreage will be planted with 2-year-old seed. A great deal of this seed has been tested and found good which is what could be expected. The corn of 1912 matured fully and it certainly was kept dry during 1913. The danger with many will lie, not in having too thin a stand, but in having one too thick. We are all familiar with articles in the papers which explain that the farmer has lost one-third of his crop when he secures only two-thirds of a stand of corn. This is never true. Even in the best of corn years a given number of stalks planted thinly will produce more corn than the same number planted too thickly, and it can very easily happen that two-thirds of a stand of corn will produce more corn than a full stand. It has happened often here in Kansas. Two stalks to the hill with each hill  $3\frac{1}{2}$  feet from the others is enough; in drills we much prefer to have our corn 24 inches apart in the row than to have a stalk every 14 to 16 inches. When we drill our corn we aim to drop a kernel every 18 inches and we have always found that plenty thick enough for our upland here in eastern Kansas.

Considerable corn has been planted here but the main acreage will not go in for a week or more yet as the weather has not warmed up to stay. Farmers here are not in so much of a hurry to plant corn early as they used to be. They have found there is such a thing as being too early as well as too late. In former years we used to think we were late if the first week in May did not see the last of the corn in the ground but as the years went by we began to find out that the last planted corn, or that which went in the ground about May 1 was nearly always the best, other things being equal. Corn that is too early may come up all right but it nearly always encounters at least one cool spell which turns the leaves yellow and stunts it. We believe the best corn is that which grows right off without a backset.

Work on this farm for the week ending April 18 consisted of plowing the hog pasture and sowing it to oats and rape, fitting 14 acres and sowing it to alfalfa and planting some more potatoes. All of this work should have been done earlier but heavy rains prevented field work here during the first part of the month.

The  $3\frac{1}{2}$ -acre hog pasture was plowed with the gang plow and harrowed down. The oats were then sown with a press drill and the rape by hand at the rate of 4 pounds to the acre. Then it was all given another harrowing, which put the ground in very good condition.

The ground we sowed to alfalfa had been fitted before the heavy rains by two diskings but was packed by the rains and another disking became necessary. The seed was sown by hand at the rate of 1 bushel to 4 acres. Another good harrowing also put this ground in shape. Anyone who advocates sowing more than 1 peck of alfalfa seed to the acre must have seed for sale. If even one-third of the 1 peck sown on each acre grows evenly there will be a stand and to spare.

The gang plow pulls harder than the single plow, cutting surface considered and four horses are hardly enough to pull the gang with its two 12-inch plows set at a good depth if they are made to walk steadily all day. But while the gang may pull harder it does better work; the narrow cutting plows leave the soil in much better condition than where a wide furrow is turned. Another thing in favor of the gang is that there can be no cutting and covering; the furrow cannot be made wider than 12 inches or the lead wheel will leave the furrow.

Our first planted potatoes are coming up but there are not enough of them to supply us. We had intended to plant the bulk of the crop during the first week in April but continuous rains pre-

vented and made the planting just a little later than we liked. In former years we used to plant the potatoes intended for winter and spring use, the first week in May, but since we have had so many dry seasons we find the early planted ones do better. With normal rainfall potatoes planted now will yield well and will keep much better than those which ripen so early in the season.

We had a mighty narrow escape from having a good 4-horse team ruined this week. They were hitched to a disk. One of the outside horses is a big strong colt. In some manner she got her bridle off and just simply walked off with the rest of the team. They were close to the pasture fence and when they came to this the colt jumped right over it. The driver simply could not hold them and as they started down the line of the fence they became frightened and ran. They tore this fence up for 20 rods running right astride it and then stopped without any of the horses receiving a single scratch. It seems hardly possible that they could get so mixed up with a three-wire fence without injury to themselves but they did it and we were mighty thankful when the team stopped, to see no blood running. The total damage consisted of a broken line in the harness and some broken castings on the disk. Another disk was obtained and the team went right to work again as if nothing had happened.

A friend writes from Le Roy that he has installed at his farm the South Dakota way of unloading a full wagon-load of hay into either barn or stack at one load. It is done by means of ropes and pulleys and our friend says he learned how to do it while living in South Dakota. He does not feel competent to tell how it is done in a letter so asks us to visit him some time and see how it works and we can then tell the Farmers Mail and Breeze folks about it. We are going to do this; we are anxious to know how it is done especially as our friend says that with one man and team he can put a load of hay off a wagon and into the barn in 5 minutes.

This morning—April 18—we opened the gates to all the yards and let all the cattle out to pasture. The grass is good and the stock should have no trouble in getting filled. Should cold storms come later we shall feed some hay if it is needed. This is about the average date for turning the stock on prairie pasture on this farm. One year we turned them out April 8, another year there was not grass enough May 1, to keep the stock; but April 20 is a fair average date where the stock can be fed and sheltered if cold storms come later. The pastures in which stock have run all the time show but little grass; the stock have kept it cropped close ever since it started. We prefer to keep the stock up until the animals can get a "full bite" before letting them out; it is best for them and the pastures, too.

### "Glad To Have It Around"

Speaking of the Farmers Mail and Breeze, I may say I consider it the best farm paper published in Kansas. It is more than that, it is a fine paper to have around the house for any member of the family. I like to read T. A. McNeal. Also I like the way the paper has of making things plain.

S. Schultz.

R. 2, Delphos, Kan.

Farmers Mail and Breeze is a paper that a farmer can't get along without.

W. H. Fager.

Carbondale, Kan.

My whole family is pleased with the Farmers Mail and Breeze. I have been a reader of the paper for four years.

John F. Nutsch.

Woodrow, Utah.

I like the Farmers Mail and Breeze. I think it is without exception the best farm paper published.

Burton Hahn.

Lost River, Sask., Canada.

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## KEEN KUTTER

farm and garden tools. They stick. They stick 'cause they've the stuff in 'em that makes friends. Why—I wouldn't any more think of buyin' any other kind of tools than I'd think of livin' in a city flat, missin' the blossoms an' forgettin' there's a moon. There's a power of reason in just the fact that no Keen Kutter tool ever went back on me—an' if that wa'n't enough, the Simmons people give their dealers leave to hand back the price any time I say so—any time you say so.

Tom Profit.



Grass Hook  
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## Harvest Will Soon Be Here

Never before in the history of this State, has there been a prospect of so great a crop of small grain as this year. Not only is the acreage great, but conditions are splendid.

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(Signed) D. K. Smith.

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SAVE ALL THE HAY—PAY BIG PROFITS!

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## Dairy Cows But No Pasture

A Dry Lot Success Recorded Near Great Bend, By W. G. Merritt and Son—Land Values the Cause

ABOUT 170 head of animals, or more than one to the acre, now are kept on the 160-acre farm of W. G. Merritt and Son, near Great Bend, Kan. Just 105 of these animals are Holsteins, this dairy breed being the leading line on the farm. The animals are kept in the dry lots and stables all the year; they get no pasture. In addition to the cattle, there are 60 head of hogs and five horses. George Merritt, the son, is the active manager of the place.

The dry lot feeding of dairy cows in the summer is not at all common in Kansas. Mr. Merritt said the plan was adopted because of the high price of land around Great Bend, and because of the uncertain growth of the grass in the pastures. The growth of grass even in a normal year usually is much cut short by dry weather in the middle of the summer; this was especially true last year. It has been Mr. Merritt's experience that the feeding cost is lower in the dry lot, when it is considered that some feeding must be done during the hot weather even if the cows are on pasture, if the milk flow is to be kept up. Seventy-seven cows are being milked now on the Merritt farm. The remainder of the 105 head is made up of dry cows, calves and bulls. Sixteen of the animals, including the four herd bulls, are purebred. Mr. Merritt intends to increase the size of the purebred herd as soon as possible, and to eliminate the grades. The cows are making good records; one is giving 70 pounds of milk a day, and five are above 60 pounds. One cow has a year's record of 14,743 pounds, and eight are above 12,000 pounds. Good feeding has gone along with quality breeding in the production of these results. A very extensive use is made of both silage and alfalfa hay, as both feeds can be cheaply produced at Great Bend. The cows get all the alfalfa hay they can eat. The ration of silage generally consists of from 30 to 40 pounds a day, depending on the cow. It is somewhat reduced just now, as the supply is running low. The concentrated feed consists of corn chop and bran, mixed half and half. The amount fed to the cow depends somewhat on her milk production; the average is five pounds.

There are two silos on the Merritt farm, each 36 by 18 feet. They hold 194 tons of silage apiece. They are filled with a No. 12 Ohio silage cutter. Mr. Merritt says, however, that the capacity is not so great as he should like to have, so he will buy a No. 15 cutter of the same make this summer. The dairy barn is near the silos, and the



cows are always fed in the barn in their stanchions. The barn is not quite large enough to hold all the cows; Mr. Merritt expects to enlarge it before long. The barn has a cement floor; the manure is thrown directly into a manure spreader, and is hauled to the field

every day when the farm work permits. The milk is sold to the Merritt-Schwier Creamery Company at Great Bend, and it is used mostly for making starters for the bacterial fermentations of the cream. Milk used for this purpose must be of high quality. In addition to delivering pure milk, a farmer who gets a contract of this kind must be well established, so the creamery will be certain of a steady supply of milk.

Mr. Merritt hauls his milk to the creamery with a one-ton Avery truck. He uses a Case water tank on a wagon as a trailer to hold the buttermilk that is hauled back to the hogs. The truck is used on a cream route at a good profit in the summer. The route the truck was operated on last summer was 25 miles long; 27 cans of cream were hauled on the truck and 24 cans on a wagon trailer. The truck cost \$1690, and it can be run seven miles, loaded, on a gallon of gasoline.

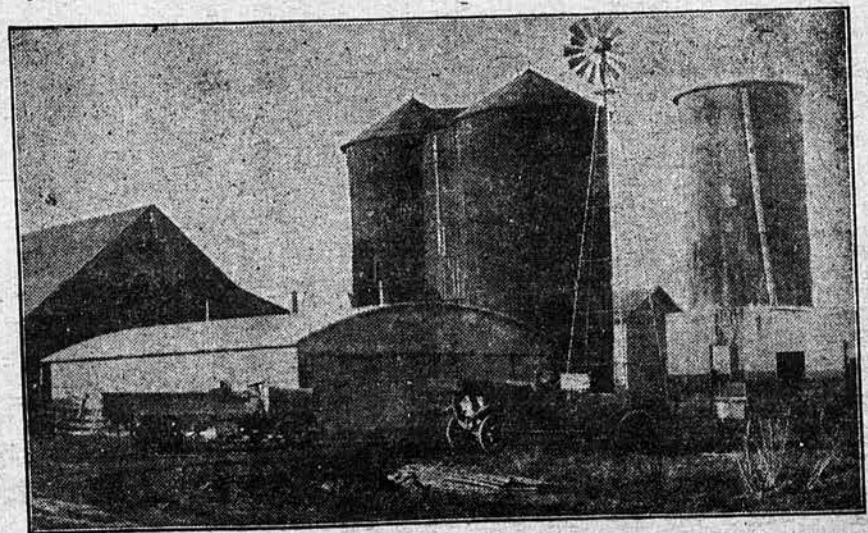


Segis Pontiac Perfection.

and he has had some fear of the disease since. It did not discourage him from growing hogs, however, but now all are vaccinated against cholera, and insurance is carried on them besides. He thus has a double assurance that cholera will not cause him a big loss again. Every care was taken after the cholera outbreak to clean up the farm before more hogs were bought. The fences were destroyed and the fields were plowed up. Some grade hogs had been kept before the outbreak, but when Mr. Merritt started into the hog business again only purebred hogs were purchased.

Plenty of care is taken to keep the dairy herd free from disease, too. The cows have the best of feed and care. Then the tuberculin test is given every nine months, so there is little chance of tuberculosis getting very far in the

(Continued on Page 11.)



Substantial buildings and powerful motors are features of the Merritt Dairy near Great Bend.



## For More Manual Training

BY J. H. MILLER,  
Kansas Agricultural College.

Manual training is taught in Kansas in the high schools or grades in about one hundred and forty schools, and I have letters from sixty school superintendents who hope to introduce it next year. Why teach manual training? Because it trains the brain, hand and eye. It cultivates exactness and absolute precision as nothing else does. It develops a sense of mastery, a feeling of power and a consciousness of independence. It dignifies labor and it has an intellectual value that is far superior in most cases to almost any other subject of the curriculum.

Where should it be taught? Wherever there is a boy—anywhere from the primary grade and into the high school and normal work. It is not to train carpenters and blacksmiths but it is to train men to work effectively. Every boy or young man who goes to any school should have the same opportunity to study manual training that he has to study arithmetic or English. It should no more be set aside for one grade or for one school than should mathematics or English.

Manual training should be started in the fourth grade or later and it should be offered in all the normal schools, in the Agricultural college and in the university. I wish every rural teacher could have at least two terms of wood-work, and I hope it will be taught in every school in Kansas within the next five years. Seven years ago domestic science was being taught in only four or five high schools, and it now has a place in more than two hundred high schools. Agriculture was then taught in only one high school, and now it has a place in probably four hundred high schools. We are making progress.

## Consolidated Schools Are O. K.

As you published an article from my friend A. H. Jurgens about our school district here, I should like to say a few things because I fear some one in some remote part of the state might take Mr. Jurgens seriously and turn down the proposition of consolidating schools. The press, the platform and the educational institutions are certainly doing

Collection of the income tax in Kansas City has disclosed two men, one with an income of \$10,000 a year and the other \$4,800, who have never paid a cent of city, county or state taxes. These men, doubtless, would be insulted at an open and public offer of alms from the community, but it appears they were willing to accept alms from the community in secret—a far meaner, contemptible thing.

their best for us and it is to be regretted that all this time we, the country people, are not much aroused. Mr. Jurgens says that reforms cost money. Certainly, and so do rural mails, parcel post, telephones and automobiles, and Mr. Jurgens has all these.

Would it be any cheaper to buy a 20 to 40-acre farm for every school district and build a modern schoolhouse on it and all the necessary barns and outbuildings, than to consolidate five or six districts and have one building for all this territory? Certainly a greater number are accommodated by having the schoolhouse in the small town than if it were in the country. There are about 100 pupils in our school and about 15 of them are hauled from Mr. Jurgens's neighborhood. He certainly would not want the schoolhouse moved to his neighborhood.

We have better schools now than we had years ago because we have a better grade of teachers. The consolidated school is not by any means a new and untried proposition. It is in operation all over the United States and is a decided success everywhere. Mr. Jurgens dislikes to throw away the good old customs in use a hundred years ago and holds on to the old German school sys-

tem of that time which may give satisfaction over there but does not here. Time and space in a farm paper are too valuable to elaborate on the advantages of a good education. That education begets laziness is simply "tommyrot".

Our driver informs me that he begins to load the pupils at the most remote farm houses at 7:40 in the morning and has two stops to make between these places and Mr. Jurgens's home, which he reaches at 8 o'clock sharp. Now that is not an unusual hour for the mothers to get their children ready for school, so it must be the ladies farther up the road whose slavery Mr. Jurgens is worrying about. However, they are not complaining, especially the one whose daughter attended our high school last year and is now teaching.

As to doing away with the transportation wagon, we never heard of that before. Our school is doing fine. The patrons and pupils are satisfied and nobody is knocking except Mr. Jurgens.  
Rock Creek, Kan. C. S. Hunter.

## Dairy Cows But No Pasture

(Continued from Page 10.)

herd. In addition to this, insurance also is carried on the dairy cattle.

The handling of the high class dairy proposition like Mr. Merritt's requires careful work. He has given much attention to solving the labor problem. Four men are employed, and they are all married—Mr. Merritt believes it always pays to hire men who are married, and to provide homes for them. One of the hired men has been with Mr. Merritt five years. The men get a horse, a garden spot, chickens and milk, and they receive from \$40 to \$50 a month.

"The employing of married hired men is the real solution of the hired man problem on the western farms," said Mr. Merritt. "The married men are more contented than the single hands, and they are not so apt to pick up their things and leave overnight. A dairy farm must have careful, experienced help if affairs are to run smoothly, and we have found that married men will fill this demand in the most satisfactory way."

In establishing his herd, Mr. Merritt has made a special effort to get bulls that have a good line of milk producing cows behind them. The bull at the head of the herd is Segis Pontiac Perfection, 68500; he was bred by T. A. Page of West Edmonton, N. Y. The sire of this bull was King Pontiac Hengerveld, 53207, so he combines some breeding that is very popular just now among the Holstein men. A younger bull was purchased last fall from William Everson, of Lakemills, Wis. This animal is directly related to a cow that was second at the National Dairy Show last fall.

One of the leading cows in the herd is Lady Veeman Jane, 162063, that was purchased from Robert Cromly at Lakemills, Wis. Mr. Merritt is well acquainted in the Holstein centers of Wisconsin around Ft. Atkinson, he has purchased several carloads of Holsteins there in the last five years.

Perhaps the most interesting thing on the Merritt farm is the way the animals are kept in the dry lots the year around. Travelers who have studied the dairy farming methods of Europe have returned and lectured to us in deeply technical terms about the way the Denmark farmers use the dry lot method of feeding, and how Kansas farmers ought to take up the same system, when we have had a farmer using this method all the time. Now all the feed used on the farm is grown there; most of the concentrated feed and about 100 tons of alfalfa hay a year are purchased.

Mr. Merritt is making a successful and profitable use of the dry lot method of keeping dairy cows under Kansas conditions. What is even more important, however, is the fact that he is building up in central Kansas a Holstein herd that will do much to raise the standard of this breed in the West.

## Mulefoot Hog Association Officers.

New officers of the American Mulefoot Hog Record association elected recently were: John Dunlap, Williamsport, Ohio, president; Prof. C. W. Burkett of New York, N. Y., vice president, and R. E. Pfeiffer of Columbus, Ohio, secretary. The association decided to have the breed represented at the Panama-Pacific exposition in 1915.



## Farmers are Shrewd Buyers

and excellent judges of tobacco quality—being naturally expert at valuing any product of the soil. They are big users of PIPER Heidsieck because they appreciate the high quality of the leaf and the wholesome satisfaction in this rich, pleasant, tasty tobacco.

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## School shoes that wear like iron

Mayer Honorbilt School Shoes are strong, sturdy and lasting. They "wear like iron", give twice the service of other shoes, and cost no more. These school shoes have double leather toes—hard to wear out—soles and uppers made of extra tough, wear-resisting leather.



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HONORBILT

## WAGONS BUILT LIKE A BRIDGE

Weather Has Little Effect On Them

Davenport Roller Bearing Steel Wagons, like modern steel railway bridges, do not decay or wear out. Made of steel "I"-beams, channels, and angles—weather conditions do not affect them. Wet or dry, hot or cold, Davenport Wagons are always ready for use. No cracked hubs, split felloes, or loose tires to replace or repair. No time or money spent on repairs.



## Davenport Roller Bearing Steel Wagon

Gears are of high grade structural steel, like that used in railway bridges and modern "sky-scrappers." Axles are I-beams, with ends rolled down to receive spindles. All original strength is retained. No material is cut away. Gear parts are steel angles and channels, carefully built and braced so that the load is evenly distributed. No one piece carries more than it should. Put together with steel rivets, inserted hot, not a single part or piece will come loose and rattle on Davenport Gears, even after years of use.

### Steel Wheels Don't Shrink

Steel wheels, made with a tension, are the only ones used on Davenport Wagons. The weight of the load is always carried by all the spokes—each one doing its share whether it is at top, bottom or sides of the wheel. Strongest wheels ever put on a wagon.

### Roller Bearings Reduce Draft

Roller bearings, straight spindles, etc., together with construction of the entire gear, reduce the draft to the minimum. These bearings make it possible to haul a load on a Davenport with two horses that would ordinarily take three.

The Roller Bearing

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You don't take the wheels off a Davenport to oil it. Just push back the cover of the dust-proof oil cup and squirt in a few drops of oil—the cover closes automatically. Hardly a minute to a wheel—and the job is done.

**New Book Free** Read "From Man to Power to Machinery," how roller bearings reduce draft, how neck weight is taken off the horses, and many other things about Wagons you should know. Send for this book today—just ask for book B12 and it comes free.

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Moline, Illinois



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No Hoops, No Bands, No Guy Wires. No "Expert" needed to put it up. Once up—up to stay. Solid as a rock, and damage proof.

The silo you've been waiting for. Overcomes every objection found in silos of other makes, and which meets every requirement of the perfect ensilage preserver.

The three big features of the "TUNG-LOK" Silo are durability, simplicity of construction, and low cost. "TUNG-LOK" Silos are built on a wonderful new tongue-and-groove locking principle. Every piece of material is cut, shaped and fitted by special machinery, tied in bundles, numbered and shipped direct from our big factory. We furnish easily understood blue prints and building instructions. One man and a boy can put up a "TUNG-LOK" Silo in three days. No special equipment and no expensive "expert" labor required.

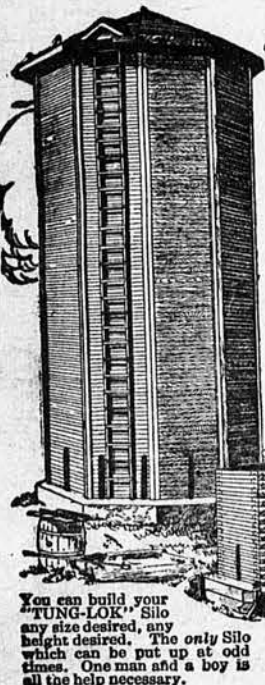
"TUNG-LOK" Silos are wind, sun and frost proof, the most substantial Silo ever built. Our interlocking principle does away with hoops, guy wires and bands. Height and capacity can be increased at any time.

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We want you to know all about this wonderful new "TUNG-LOK" before you decide upon a silo of any make. We want to send you our interesting illustrated book, fully describing the "TUNG-LOK."—Special money-saving "Neighborhood First Sale" offer, in effect for a short time only. Send name today.

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You can build your "TUNG-LOK" Silo any size desired, any height desired. The only Silo which can be put up at odd times. One man and a boy is all the help necessary.

## See K. S. A. C. and Be Wiser

The Interesting Impressions of a Visitor

BY R. P. McCOLLOCH

IF ONE has not visited the Kansas Agricultural college at Manhattan one has not seen Kansas. In Kansas, people say a city of 3,000 is a good sized city. More than that many boys and girls attend the college annually. The youth of this state passes in a steady stream from building to building, throngs the halls and study rooms, gathers in the auditorium, intent upon work, glorious in strength and comeliness, filled with the hope and faith of young life, overflowing with the joy of living and learning. The students come from the homes of Kansas. They have pride of state, of class, of college; the thought that dishonor must not come to any of these, the consciousness that here is opportunity, that at this school there is democracy, and that Kansas is to be through them.

The immense stone buildings are actual temples of learning. The buildings are set on the finest campus to be found anywhere. The grounds are ample, the campus being a section of a great farm. There are stretches of lawn, clusters of trees, beds of flowers, climbing vines, broad, winding walks, shady nooks, open places for parade and drill and for May day gatherings. The campus is enclosed with low stone walls, and one enters through gateways ornamented with rugged stone arches, gifts of classes that have passed out and on. From the entrances there is a graceful slope up to where the hill is crowned with the central building, Anderson hall—a building the mention of which makes many a Kansas heart beat faster, and fills the minds of many a Kansan with pleasant memories.

### Commencement Week is Not Far Off.

It is at commencement time that the college is at its best and the young life gives its most joyous expression. It is the school's gala time. There is music everywhere, the blare of brasses and rattle of drums as the military department engages in parades and sham battles. There is the sound of flute and violin, harp and piano as the college orchestra appears in recitals, or plays for the gathering of audiences in the auditorium, or for the march of college heads, deans, professors, distinguished visitors and seniors. There are sweet voiced singers who give the college musical numbers for the year, lifting the minds of the people out of the regions of fact into the regions of fancy. There are college plays and college pranks, class day exercises and reunions, and there is an ever passing stream of the young life and the swelling and pulsing of the tide.

This school fits for actual life. It may educate for professions, but it does more than that. Graduates of this school are in demand everywhere. Civil, mechanical and electrical engineers from this college are at work in the remotest parts of the world. Experts from the school are teaching nations, states, communities how to farm, how to grow fruits, how to breed good stock. Others are eradicating hog cholera, checking harmful insect life, controlling disease.

There is no part of the school that does not interest one and make one think. In one building, the young people are studying the value and chemistry of foods; in another the adaptability of certain soils to certain crops; in another building the varieties of wheat and corn,

the relative value of these varieties; in another, fruits, fruit trees and plant life; in the veterinary building, horses, hogs, cows, sheep and other farm animals; in a different building, the quantity and quality of milk and its products; in another, home making; in another electricity and its application to industrial life and farming; in another, insects that harm crops, injure fruits and bring disease; in another, the care of stock and poultry. About the grounds young men are seen carrying surveying instruments, measuring, surveying, learning to build modern highways and bridges, construct irrigating ditches, lay out railroads. These are the coming civil engineers. And there are great work shops where young men work in iron, brass and wood, fitting themselves to be architects and builders.

One will come upon a boy intent upon his work, laboring in a plot of well kept ground. He will tell you he is trying to demonstrate the best time to plant different varieties of crops. You will find this lad a man of parts who knows more than you would think he knows and who, although his father may laugh at him, is yet to teach Kansas when to plant and what to plant.

### Grasshoppers Are Interesting.

In one of the buildings one may see a Japanese boy. He came across the seas to this school to look at the hind leg of a Kansas grasshopper. The thing may seem odd, but it is a most serious matter. One has only to watch him as with glass in hand, he carefully examines the grasshopper's leg, takes it apart, puts it together. Follow him to the library where he reads the life history of that insect. Then see him return to the grasshopper's leg and watch him again as he puts it under the powerful glass. In that lad's mind there is a great desire and a compelling purpose and out of his study and research there must come something of value to his people and to the world.

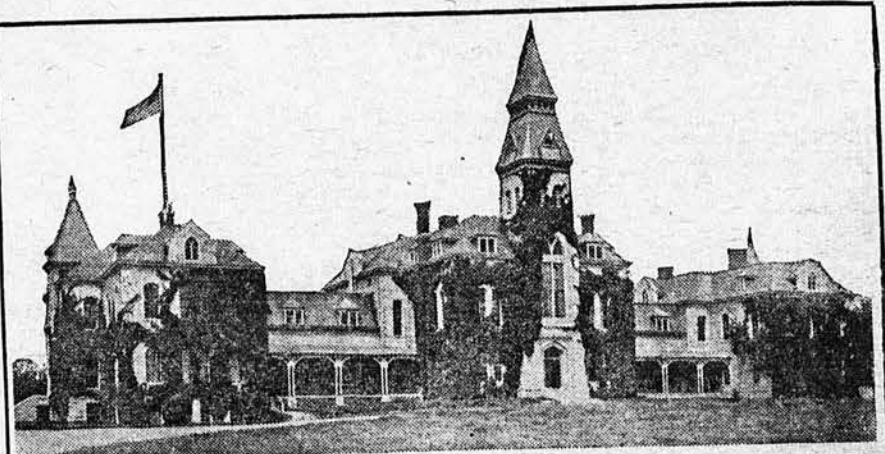
On commencement day, Old Kansas and New Kansas meet at this school. Here come the fathers and mothers to see their boys and girls and to feel the final joys of sacrifice for them. There goes a gray haired woman leaning on the arm of a strong young fellow who wears the cap and gown of the graduate. One knows nothing of the pride and joy of a mother's heart until he looks upon such a picture. If the mother greets one, it is with rather a patronizing air, with head high lifted, and the haughty dignity of a queen who has reared a prince and is about to send him out to claim the kingdom which she believes is his.

### To Control Kafir Smut

How can the smut in kafir seed be controlled?  
C. A. Hartford, Kan.

The treatment for smut in kafir seed consists merely in heating the seed in water 15 minutes at a temperature of from 132 to 134 degrees F, which kills the smut spores. It is essential that the temperature should be that high, but it should not be higher, or the seed may be injured.

Let your good nature be the chimney that shall carry away the smoke of all argument.



Anderson Hall, One of the Oldest Structures on the Hill, Is the Main Building.



## School Improvement in Nebraska

BY L. R. WILLIS.

There is a one-room school in District No. 40 in Adams county, Nebraska, that is doing good work in agriculture and domestic science. This school is about four and one-half miles from Hastings. It has no better equipments nor surroundings than the average rural school. In many respects it is not as well equipped as many other schools.

The beginning of the work in domestic science was the outgrowth of an industrial county teachers' institute, held in the county during the last week of August, 1912. Nothing was offered at that institute but agriculture, manual training and domestic science. In preparing for the institute, the county superintendent purchased a workbench, a complete set of tools and a kitchen cabinet. On the closing day of institute a spelling contest was held, and these articles were awarded to the best spellers. The teacher in District No. 40 won the kitchen cabinet.

Late in the fall the teacher and larger girls began to lay plans for work in cooking. The pupils furnished the material, and under the teacher's directions prepared a number of articles of food. During the cold weather they prepared soup or an oatmeal porridge for their lunch. They also baked bread, cookies and cakes. This work was all done by the girls under the guidance of the teacher.

One of the pleasing features of the work was the fact that the school was able to overcome the objections made by many people concerning the teaching of the subjects in school, in that no time

in the office of W. D. Ross, state superintendent of public instruction. The total high school enrollment in 1909 was 28,208, out of a total enrollment of 397,936. In 1913 the high school enrollment for the entire state was 39,468 out of a total enrollment of 393,992.

While the high school enrollment has increased 40 per cent in five years, the total enrollment in schools of the state, exclusive of the institutions of higher learning, has dropped from 397,936 to 393,992, a decrease of approximately 1 per cent.

## Plea for Two-Room Schools

If the state of Kansas wants to help its common schools let it furnish more money to the districts which have pupils enough for a two-room school house with two teachers. If adjoining districts have too few pupils, or are too poor to do likewise, let them send their pupils who are ready for the seventh or eighth grades, to the higher class room in the nearest district, letting their tax money apply where they attend school.

I have taught school and am now a school patron. The average rural teacher in a one-room school has about 30 different classes every day from 9 a. m. till 4 p. m. Who can do justice to 30 classes in one day? Or who can do the work outlined by the state, and as it ought to be done, in seven or eight months, even, by alternating some of the higher branches?

The chief objections to central or township schools are that we must get our little ones ready for a long trip early every morning in all kinds of weather and we do not have them back

## Open the Schools

Closed school shutters on week-nights—are they not in effect a cold shoulder, turned to a would-be social community? In the old days a school house was a meeting place for the countryside. There public problems were discussed, the chorus was trained, the boys and girls gathered with their elders, and for six nights the school kept "open house."

"Let me alone and I'll let you alone," constitutes an attitude which gains nothing. If the people of a neighborhood have no common gathering place where they can hear each others' voices raised in laughter, in song, in talk or public debate—if the children of a community have no assembly room where they can let off some of their bottled-up high spirits under the eyes of their elders, why should not the school house be pressed into service? Why should it not come again into its heritage as the people's Social Center?—Exchange.

was taken from the regular school hours. The pupils did the work before and after school and at the intermission periods. This year sewing has been added to the course. The pupils now give a part of three afternoons a week to this work—with time taken during the school hours.

The work in sewing is especially interesting. The pupils keep notebooks of all their work. They write up their notes at the close of each lesson and fasten in their notebooks the work they are doing, so far as they can. This includes samples of fancy and plain patching, the various stitching, hemming and darning. The complete articles, such as plain and fancy aprons and plain dresses, are taken home and used as finished.

This spring the pupils are studying elementary agriculture with the other work. A great deal of it will be experimental work, such as the testing of seeds, testing the water-holding capacity of various soils, a study of soils, testing of milk for butter fat and the study of plants.

The school has a kitchen cabinet, a 3-hole oil stove with an oven, a set of dishes, and various utensils necessary to carry on this work. Other equipments will be added from time to time. The people of the district are interested in this phase of school work as much as they are in the book part. It means the beginning of the introduction of some practical phases of school work to supplement the work in books.

The present teacher is serving her first year in the school. She is a high school graduate of a normal training course and she has had four years' experience. She has entered into the life work of the community.

## High School Enrollment Increasing.

In the last five years the high school enrollment of Kansas has increased 40 per cent, according to figures compiled

until late in the evening. Then there must be some careful choosing of a driver for the transportation wagon. Perhaps the greatest objection is that many children who live far off the routes are simply denied school privileges.

T. F. Malsbury.

Humboldt, Kan.

## Teachers Learn Cooking

Twenty county superintendents in Kansas have arranged to have the Agricultural college folks conduct classes in home economics in their institutes this season. Several others have employed local instructors. An instructor spends one week in an institute handling a class for five afternoons in three hour periods, giving five lessons in cooking and five lessons in sewing, the same work usually given in one of the college movable schools, each lesson representing the equivalent of a dozen regular lessons. It is not expected to give a thorough course but only to suggest to teachers of rural schools how and what may be taught in country schools, largely through what the extension division of the college calls its home economics clubs.

Miss Frances L. Brown will conduct classes as follows: Fredonia, May 25-29; Ottawa, June 1-5; Kansas City, Kan., June 8-12; McPherson, June 22-25.

Miss Florence Snell will conduct classes at Colby, May 25-29; Norton, June 1-5; Smith Center, June 8-12; Mankato, June 15-19; Minneapolis, June 22-25.

Miss Edith Allen will have the following appointments: Mound City, May 25-29; Olathe, June 1-5; Cottonwood Falls, June 8-12; Howard, June 15-19.

You feed your cattle and horses and hogs from the products of the fields—yes, and your family, too. What are you feeding your land?

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The man who made these pictures made others much like them, put them together and made a book of them.

Perhaps you will like them so much that you will want all of them. "Moving Picture Lessons for Children," is the name of this sixteen page book. It was made by William Newell Hull, A. M., and if you wish to order it, send 25 cents to The Hall Sales Agency, 706 Jackson St., S. Topeka, Kansas.

The Moon Rose—She Fell.

One night when mother was little, she and her sister were out on the porch watching the moon. Mamma was going backwards saying, "The moon is after me, the moon is after me." She backed too close to the edge and fell off backwards into a tub of rain water. She got up and went into the house. Grandma took off mamma's dress and put on one of grandpa's old shirts. She had the croup that night.

Gladys Goodwin.

R. 2, Alta Vista, Kan.

Unless the purebred dairy cow can prove that she has the ability to invest large amounts of grain and roughness in an economical way into large quantities of milk, she has no business on that dairy farm.

(Copyrighted Dec. 4, 1913, by W. N. Hull.)

One line down.

I make a man.

I put a head on him.

I make a man.

I put legs on him.

I make a man.

I put knees on him.

I make a man.

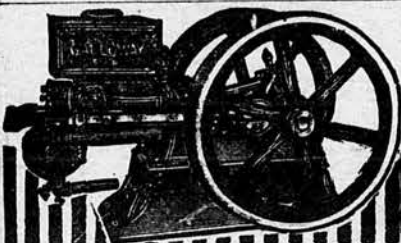
I put feet on him.

I put arms on him.

Walk, Mister Man.

I put elbows on him.

His name is TIM.



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Engine  
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You  
Money



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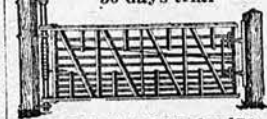
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## A Wide Awake Neighborhood

Good Times Are Possible Even in the Country

BY MRS. FANNIE ROBERTS  
Kay County, Oklahoma

I HAVE been noting lately the suggestions concerning clubs in the country, but I have never seen any plan outlined that seemed to me to fill the bill as does our club in this neighborhood. Five years ago six women met at my home and organized a club. Of our trials and mistakes I will say nothing, although they were all stepping stones. Today we have an organization of which we are all proud. We have five officers, president, vice-president, secretary, treasurer and reporter. Our membership is limited to twenty members. We meet every other Thursday.

At the end of every six months the club is divided into two committees who proceed to make out the program for the coming six months, three months for each committee. Every member must appear a certain number of times during the six months. The unmarried daughters are all privileged to come at any time without invitation, but all others outside the club must be invited by the hostess, for we meet at the homes of the members in turn. We have several good musicians among the girls. Refreshments are always served after adjournment, something dainty but not elaborate.

On New Year's day we hold our annual banquet, and this last time there were ninety-two present. About ten more were eligible to come. On the Fourth of July we have our annual picnic, each club family inviting a family. We call our club the Women's Country club. Our colors are green and white, which means that we are alive and that we stand for purity.

The programs which have been arranged for the present six months are as follows:

January 8, Needle work—Paper, "Needle Work." Roll call, "Different kinds of needle work."

January 22—"Joan of Arc." "Eugenics." "Keeping Children Interested in the Home." "Cleopatra." Roll call, "Anecdotes of Famous People."

February 5 Famous Women—"Elizabeth Browning," "Esther," "Helen Hunt Jackson." "Who is to Blame for Women's Dress?" Roll call, "Short Cuts in Housekeeping."

February 19, Temperance—Paper, "Temperance." Song. Poem. Reading. Song. Roll call, "Temperance Quotations."

March 5, "My Days with Maude Adams in the Desert." Debate, "Do Moving Pictures Have a Moral Tendency?" Poem. Parody. "Story of Ruth." Roll call, "Name and Discuss Some Bible Character."

March 19, Drama, "Hiawatha." Irish Story. Parody. Reading. Roll call, "Irish Jokes."

April 2, Negro Program. "Booker T. Washington." Banjo solo. "The Moses of the Negro." Negro poem. "Paul Lawrence Dunbar." Song by quartette. Roll call, "Negro jokes."

April 16, Woman as a Bread Winner—"Home Life at the Fur Posts." "The Wife as Bread Winner." Reading. "How One Woman Won Out in Her Battle as a Bread Winner." Club paper. Special song. Roll call, "Native state and flower."

April 30, Purity—"The W. C. T. U., Its Organization and Benefits." Poem. Temperance Story. Paper on "Temperance." Special Song. Home hints.

Roll call, "Bible quotations on temperance."

May 17, A talk to parents. "Child Correction and Obedience." "Men of the American Crisis." Talk. Special song. Poem. Club prophecy. Roll call, "Home hints and recipes."

May 28, Oklahoma—Paper on "Oklahoma." "How One Woman Found Riches." "Oklahoma Resources." Club paper. Poem. Roll call, "Name county in Oklahoma and give county seat."

June 11, "Ella Flagg Young." Poem. "Woman's Moods and Tenses." Special song. "Harriett Beecher Stowe." "Belva Lockwood." Home hints. Roll call, "Sketch of a noted woman."

June 25, "How to Live." "Legend of the Orange Blossom." "Tuscan Farmers." Special song. "Story of Russia." Home hints. Surprise. Club paper. Roll call, "Brief biography of your life."

The president of the club is Mrs. Maggie Hays; secretary, Mrs. Alice Johnston. Anyone wishing to get any more information can do so by writing either of those or myself. We should like to get in touch with other women's clubs.

R. 2, Tonkawa, Okla.

The members of the Country Club who have made this kind offer will, I am sure, appreciate the courtesy of a stamped, self addressed envelope accompanying each request for information. If others are willing to give us their time and experience the least we can do is to pay the money cost of it.—Editor.

## No More Whisky for Sailors

Alcohol as a beverage has been barred out of the United States navy. The order has been issued by Josephus Daniels, secretary of the navy. The order reads: "The use or introduction, for drinking purposes, of alcoholic liquors on board any naval vessels, or within any naval yard or station, is strictly prohibited, and commanding officers will be held directly responsible for the enforcement of this order."

Time was, as those who have read the naval experiences of past generations will remember, when rum, brandy and whisky formed a part of the regular official rations, and one of the chief characteristics of sailors was their ability to dispose of an amazing quantity of intoxicants. But the instruments now used in warfare have made alcohol detrimental to the naval man. The modern warship is a floating laboratory of delicate and accurate machines. The gun pointer who directs a 14-inch rifle on the modern man-o-war needs not only personal courage but also absolute steadiness of nerve, clearness of vision, and fine muscular co-ordination. All these things modern physiology has shown to be impaired by even small amounts of alcohol.

Every man on the modern battleship, the officers as well as the most humble member of the crew, needs at all times to be in a condition of the highest physical and mental efficiency. Intoxication in the naval officer today might easily be as disastrous as cowardice or treason. The nation needs on its battleships today the most capable, clear-headed, cool-brained and steady-handed men, and these men are not found among the habitual or occasional users of tobacco in any form.

The daily prayer of the politician is, "Give us this election a long ballot!" The prayer seems likely to be answered.



The Children Enjoy Their Summer Picnics

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MISSOURI VALLEY FARMER, BC21, Topeka, Kansas



## Schools May Make Good Citizens

Having just read the article, "What's Wrong With the Children?" in the Mail and Breeze of April 11, I would like to add a suggestion to the ones given in that article. The article states that criminals, like poets are (frequently) born, not made. Perhaps so, but I think our public school system is a very good factory for producing criminals. There is no standard of behavior for school children. Each teacher is an autocrat. He makes his own rules for the government of his school and enforces them as best he can. Some of these rules are wise and just, and the teacher forceful and tactful enough to maintain good order; but at the beginning of the next term, with a new teacher, all that went before he sponged off the slate and a new game is begun of matching wits with the teacher.

And so it goes year after year throughout the child's school life. He puts in a good share of his time and energy to the one purpose of breaking every rule. And who can blame him? There is no uniformity; he gains no friends or rewards for perfect deportment, nothing depends upon it. Why should he strive for it? On the other hand, if he is successful in outwitting the teacher he is the center of attraction for the school.

My suggestion in this: Adopt a simple code of rules for all the public schools of the state, and require as good grades in deportment as in any of the studies. Require a higher grade each year for promotion than the year before, until 100 is reached. Contests could be arranged and awards made for highest average grades, banners for best behaved classes and schools. Following this plan it would soon be unpopular to be disorderly.

A committee of experienced teachers could soon formulate a code of rules covering the most common causes of disorder, and a course of action adopted in case of incorrigibles. The teacher would then have some tangible authority behind him, and would not be responsible for making unreasonable rules, for the rules would be alike in all schools, and every year there would be some progress towards a law-abiding citizenship. County superintendents, together with judges of juvenile courts, could pass upon the rules and clearly define the child's right of self defense; and the rules might be submitted to district meetings for discussion before being ratified. The teacher's position should be so clearly defined that he would feel secure in taking necessary steps to conquer rebellious pupils without fear of facing discharge or an expensive lawsuit. Once it becomes unpopular to be disorderly there will be fewer cases of incorrigibility. Public opinion will move in a different direction.

Perkins, Okla. Reader.

## A School for the "Hand-Minded"

"I like this school because I never could have learned anything and I am more use in the world." This is the way a girl pupil in the Elementary Industrial school of Cleveland, O., describes her impressions of the new kind of school work, according to a bulletin just issued by the United States Bureau of Education.

The Elementary Industrial school was established to give "hand-minded" boys and girls as good a chance as the "language-minded" have always had. Cleveland was one of the first cities in the United States to make a distinction between the two types of children—those who take to books and those who do not. In Cleveland, as in most American cities, about half the children have been leaving school in the sixth grade. The Cleveland school authorities saw that much of this waste was due to the attempt to force abstract intellectual effort on boys and girls whose interest was in doing things. The Elementary Industrial school was meant to meet this situation. To it the boys and girls were admitted if they were over 13 years of age and were two or more years behind their grade in school.

In this school one-half of the time is devoted to English, mathematics, geography-history (these two in close connection) and to hygiene of a thoroughly practical character. The remaining periods are given to manual and industrial work, including shopwork, to domestic economy and gymnasium practice. A poll of the pupils showed that with the girls cooking and sewing were favorite

subjects; with the boys, mechanical drawing and woodworking. In other schools of the same type which it is proposed to have in Cleveland, it is probable that the course will be extended to include a year or more of definitely vocational or trade school work, in preparation for specific employment.

The school has been successful, even in the face of adverse conditions. The enrollment has doubled in the past four years. Pupils who had long since lost interest in school work of any kind, some to the extent of being known as "dullards" and "incorrigibles," have become eager and alert, not only in the hand subjects, but in the academic work as well.

In speaking of the Cleveland work, Prof. W. N. Hailmann, author of the bureau's bulletin, says: "The ordinary school was born among and for the language-minded. Intellectual and physical culture, not manual self-expression and economic insight, was its aim. The industrial worker was practically excluded from it; he had no leisure for it, no time to engage in its play. This one-sidedness still clings to the school, and it is hard to eradicate."

"The Cleveland Elementary Industrial school may not offer the best general solution, certainly not the only solution, of the problem; but it does offer a solution that lies in the right direction, and one which is at least a promising beginning."

## High Time to Swat the Fly

Those who are waging war on the flies—a most useful and important war—speak of the fly as the fly that "will not wipe his feet." It is a good rough phrase to attract attention, but unfortunately the fly does wipe his feet. He wipes his feet on the food that you eat, on the faces and on the lips of your sleeping children. He is a frequenter of offal; the female fly lays her eggs in the manure piles.

All the germs, all imaginable horrible microbes, fasten themselves to the spongy feet of the fly, and the fly brings the germs into the house, and there wipes them off his feet.

How often have you seen the fly standing on a lump of sugar in the sugar bowl, industriously shuffling his front feet! He is wiping off the disease germs, rubbing them on the sugar that you are going to eat.

The important work of humanity in the future will be fighting, not the big, monstrous animals, as in the past, but the little enemies, and especially the invisible enemies. Men must kill off their small enemies—the rats, that spread the bubonic plague and other diseases; the flies, the mosquitoes. And after fighting them they must fight the microscopic, invisible germs, more dangerous still.

Keep out the flies, keep out the mosquitoes. Put up your fly screens now, if you haven't them up already.

There is more health in a house well screened against insects than in many a doctor's visit.—Anti-Fly Crusade, Detroit, Mich.

## There May Be Selfish Children

The woman who sets the best example of self sacrifice is not usually the one whose children develop the charming quality of unselfishness. She may give up all her pleasures, her good looks, and even her health in untiring efforts to give the rest of the family pleasant times, and after a while they will just let her do it and appreciate it in the same way they do the air they breathe and the water they drink.

A most unselfish and lovable family of girls was treated when small to a little wholesome neglect. They early learned to wait upon themselves and to do little things for mother, not only bits of housework but trifles for her personal comfort. Instead of washing and dressing the children and afterwards being too tired to care about her own appearance she attended to that first and felt better equipped to help them after her own toilet was arranged with care. It was so in everything. Some people called her selfish. But she has kept her youth, and her daughters adore her and are proud to have her share their good times. Pearl Chenoweth.

Jennings, Kan.

He who can either drink or let it alone usually shows his strength of mind by not letting it alone.

# America's Telephones Lead the World Service Best—Cost Lowest

from "London Daily Mail"

"Why is it that Government ownership and management of the telephones is practically always a failure? Why is it that throughout the length and breadth of Great Britain and the Continent hardly a single efficient long-distance service is to be found? Why is it that—"

from "Electrical Industries" (London)

"THERE is a certain amount of satisfaction in the fact that Mr. Winston Churchill got so angry over the freaks of the telephone the other day that he flung his receiver on the floor. As a member of the Government which purchased the telephone system, he deserves all the torture that Office working can inflict. But his rage, doubtless"

From "Le Petit Phare de Nantes," Paris

"But today I found I had to talk with Saint Malo, and, wishing to be put through quickly, I had my name inscribed on the waiting list first thing in the morning; the operator told me—though very amiably, I must confess—that I would have to wait thirteen hours and ten minutes (you are reading it right) in order to be put through."

Herr Haberland, Deputy, in the Reichstag

"The average time required to get a connection with Berlin is now 1½ hours. Our business life and trade suffer considerably on account of this lack of telephone facilities, which exists not only between Dusseldorf and Berlin and between Berlin and the West, but also between other towns, such as Strassburg, Antwerp, etc."

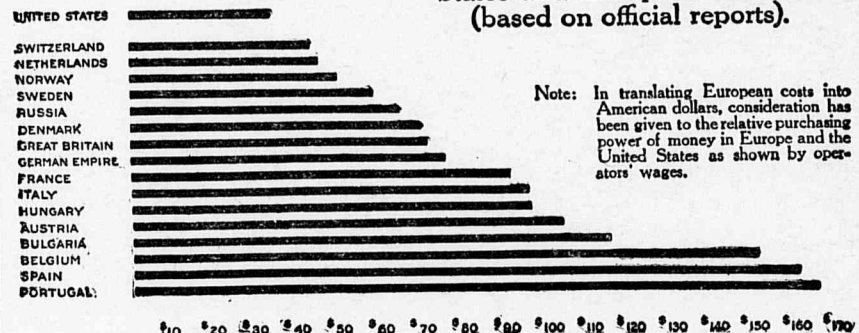
Dr. R. Luther, in the Dresdner Anzeiger

"In the year 1913, 36 years after the discovery of the electro-magnetic telephone, in the age of the beginning of wireless telegraphy, one of the largest cities of Germany, Dresden, with half a million inhabitants, is without adequate telephone facilities."

Herr Wendel, in The German Diet

"I refer here to Freiberg. There the entire telephone service is interrupted at 9 o'clock p. m. Five minutes after 9 o'clock it is impossible to obtain a telephone connection."

## Real Average Cost of Telephone Service per year to a subscriber in the United States and European countries (based on official reports).



These are the reasons why there are twelve times as many telephones for each hundred persons in the United States as in Europe.



AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
AND ASSOCIATED COMPANIES

One Policy

One System

Universal Service

## Big Tonnage! Big Profits!

No delays, sure, certain operation. These are yours with the fast working Sandwich Motor Press. Many owners make enough clear cash to pay for their outfit the first year—\$200 to \$300 clean profit each month. One Sandwich owner writes he baled "32 tons in 8 hours with a 3-man crew." Another how he averaged \$18 to \$22 per day after paying all expenses. These men can do this because they have the right press. 20 years experience built into it and special patented features found only on the Sandwich press—these are the reasons Sandwich owners make more money than others. The Sandwich way, the sure way.

**SANDWICH Money Maker MOTOR PRESS** 4, 6, 8 or 10 h. p., of more power than rated. Geared magneto. Full engine power delivered to Press by heavy steel roller chain. No power lost, no belts to slip or to delay. Simple self-feeder and the big feed opening just swallows the hay. Friction clutch right on press.

Can Start or Stop Instantly  
Coupled Up Short  
Easy to Turn  
Great on Windrows  
2½ to 3½ tons per hour

## SANDWICH SOLID STEEL HAY PRESSES

Free Book! The Way to Win. Send a postal today for our free catalogue "Tons Tell." It gives you reliable figures of the cost and profits of the hay baling; shows all the Sandwich Hay Presses, both motor, belt and horse power. Also ask for our special terms so you can buy your press from the profits made the first year. Write Quick. Address Sandwich Mfg. Co., 107 Oak Street, Sandwich, Ill. Box 107, Council Bluffs, Ia. Box 107 Kansas City, Mo.

## ATTENTION, FARMERS

FARM IMPLEMENTS Sold to you now at wholesale prices. Our 44 years of experience and guarantee is stamped on every tool that we manufacture.

<p><b>SWANSON</b> 3-time, 2-row Wheel Disc Cultivator. 4 disc, 4 shovel, neck- yokes and eveners. \$31.50 Add for 8 shovel \$2.25</p>	<p><b>ST. JOSEPH STEEL</b> King, Two-row Wheel Disc Cultivator 4 disc, 4 shovel eveners and neck-yokes \$31.50</p>
<p><b>KIRLINTWO-ROW</b> Sled Cultiva- tor, 4 disc, 4 knives \$18.00</p>	<p><b>20th CENTURY</b> CULTIVATOR 4 Shovel Pin Brake \$22.65</p>
<p><b>NEW WAY LISTING</b> HARROW 3-Section, - \$12.00 5-Section, - 20.00</p>	<p><b>TERMS</b>—Cash with order, or acceptable note. F. O. B. St. Joseph, Mo. Write for our Big Farm Implement Catalogue.</p>

**SWANSON-ST. JOSEPH FLOW COMPANY**  
SAINT JOSEPH, MISSOURI



### Has Faith in Feterita

Knowing that feterita ripens much earlier than corn or kafir, I planted 10 acres last spring for early hog feed. Three acres of this was on ground broken in August, 1912, and the rest on ground broken in the spring of 1912 and planted to kafir that spring. Aside from my usual acreage of corn I also planted cane and kafir, planting the kafir three times before obtaining a stand. When the cane was about a foot high it died from the effects of the hot weather and although the kafir did not die, it had a very sickly look.

In spite of the blistering days and hot nights and seemingly absolute lack of moisture in the ground, the feterita grew slowly but steadily. Its leaves did not roll up to any great extent and it grew and matured seed when an adjoining field of kafir remained stationary for six weeks.

I planted the feterita May 8 and a few ripe heads were seen scattered over the field the last week in July and by August 10 most of it was ripe. The 3 acres on the sod broken the previous August yielded approximately 15 bushels to the acre and on this part of the field it grew tall enough to be cut with a corn binder. On the remaining 7 acres the yield was approximately 5 bushels to the acre and the height was so irregular that I could not cut it with a binder.

Everything ate the seed greedily from chickens to horses. The fodder was very similar in appearance to kafir but, while the stock appeared to relish it, I hardly think it contains as much nutrition as kafir fodder.

One trouble with kafir is that it has been mixed with other members of the sorghum family until now it is almost impossible to procure pure seed. It has contended with the vagaries of our climate until it has formed the habit of late ripening which even a normal season cannot overcome. Thus the deterioration of the seed and its tendency to ripen later each year have made kafir grown from our seed no longer dependable in dry seasons.

It seems to me that the man stands in his own light who does not plant a reasonable acreage of feterita to supplement other spring crops.

I am so favorably impressed with it that I expect to list 40 acres this spring for hog feed. I intend if possible to regulate the drill on the lister so that the seeds will average 10 or 12 inches apart in the row. That should give it a fair chance to yield 30 to 40 bushels to the acre unless we have another year like 1913.

Russell, Kan.

J. F. Beveridge.

### Fatal Ailment in Flocks

I have lost 23 chickens in the last three days, and there are several more that will not eat. Before they die their heads become dark red, and they live about half a day as a rule after this. We have fed them well, and they have a free range. What is the matter?—E. E. H., Conway Springs, Kan.

So little is told concerning the condition of the birds that it is merely guesswork on my part to suggest a cause or cure. The feeding of corn alone would be sufficient to cause the trouble. In that case the remedy would be to give other grains, reducing the amount of corn and giving the birds all the sour milk they will drink. If this is not possible, buy some commercial meat scrap and feed them enough to make about 10 per cent of the total ration.

W. A. Lippincott.

Kansas Agricultural College.

### Now Comes the "Chicken" Silo

The man who in this year A. D. 1914 doubts the value of the silo as an aid to farming is a back number. On many farms the silo is now considered as necessary as the barn or windmill. But while the number of silos in this Middle West has been doubling and trebling in number almost every succeeding year, and while silo factories have been working day and night to keep up with the demand, all attention has been turned to big structures—the kind that hold one or two hundred tons. The small farmer who cannot afford to lay down \$200 to \$500 for a silo has been lost sight of entirely.

But now the chicken silo has arrived—a silo that will hold an acre or two of fodder, or 3 to 25 tons of silage. They cost from \$25 up and ought to be just the thing for the man who has a cow or

two, a flock of chickens, and a sow with pigs. They ought especially to appeal to the small farmers near town who have just a few acres which must of necessity be farmed intensively. Almost any forage, including corn, kafir, cane, alfalfa, peas, clover, and rye, could be put into such a silo and be available as a No. 1 green feed the next winter, to keep the hens laying and the cows giving milk when eggs and butter prices are at their highest.

The pioneers in this new field for the silo are the Woods Brothers of Lincoln, Neb. It was they who originated the idea and who have now put such a silo on the market, for which they deserve credit accordingly.

### Another Good Egg Case

"On the front cover of the Mail and Breeze of April 4 we notice you have an illustration of a case of eggs over the title, 'The State's Best Case.'"



The Roberts Egg Case is a tackle for shipping eggs than the one you showed. To convince you that our claims are not extravagant we are today sending you one of these cases for examination.

Thus reads a portion of a letter from the Roberts Specialty company of Kansas City. Which calls for an explanation. When the editor wrote the caption for the picture in question, he had in mind only the contents and not the receptacle in which they were packed.

The sample egg case put out by the Roberts company has been received and carefully examined, and we will agree

As long as appointments to the public service are made in payment of political debts, as long as they are used to catch or hold votes, as long as job-hunters hold on indefinitely because of a supposed political "pull," we shall have high taxes and expensive government.

that it is a far better case for shipping eggs by mail than the one pictured on the cover. We believe it will carry eggs safely with as much or more rough handling than any case we have yet seen. It complies with the postal regulations in every particular. The case itself is made of heavy corrugated paper board. The fillers are cushions made of pressed excelsior, with small cavities hollowed out for the eggs.

### Tobacco Stems for Lice

We always look with interest for the poultry items but have never seen one remedy for lice. To keep lice from little chicks we scatter tobacco stems and cigar stubs over the floor of their coops. Tobacco stems can be had at any cigar factory. Tobacco stems put in hens' nests while hens are sitting will keep them from leaving the nests on account of lice.

Kingman, Kan.

### Incubator Chicks

Dear Sir: We hear so much about the difficulty of raising incubator chicks. I have been in the business for 21 years, always lost so many I was quite discouraged. This year I sent 50c (M. O.) to the Walker Remedy Co., L. 13, Lamoni, Iowa, for their Walko Remedy and am having great success with it—makes me think I have found a gold mine. If I had only tried it long ago, just think of the hundreds, yes thousands of little downy fellows I could have saved. It certainly is a boon to incubator users.—Mrs. Chris Wolf, Exira, Iowa.—Adv't.

### 1914 22 Cal. HUNTING RIFLE Free

A REAL GUN. Take-Down pattern, with latest improvements, walnut stock and grip. Shoots accurately 22 long or short cartridges. Handsome, durable. SEND NO MONEY only your name and address for my easy plan of securing this fine rifle absolutely free express prepaid. Write today. D. W. BEACH, Box 55, Spencer, Ind.

# You need a new DE LAVAL CREAM SEPARATOR NOW

**1<sup>st</sup>** If you are still using some gravity or setting process of creaming—

BECAUSE your cows have likely freshened now and your supply of milk is greatest.

BECAUSE your spring work requires every minute of your time and a good cream separator will be a great time and labor saver.

BECAUSE your young calves will thrive best with warm, sweet separator skim-milk.

BECAUSE with your increased milk flow your greater waste of cream, without a good cream separator, must run into more money than you can afford to lose.

**2<sup>nd</sup>** If you have a very old De Laval or an inferior separator of any other kind whether new or old—

BECAUSE the losses of the poor separator from incomplete skimming, and the tainted product of the hard-to-clean and unsanitary separator mean most when your volume of milk is the greatest.

BECAUSE of the ample and "more than advertised" capacity of the De Laval, with which you can separate more quickly and save time, when time means most to you.

BECAUSE an improved De Laval Cream Separator is so much simpler and more easily handled and cared for than any other, and you

can't afford to waste time these busy days fussing with an inferior or half worn-out machine.

BECAUSE the De Laval Separator of to-day is just as superior to other separators as other separators are to gravity setting.



These are all facts a De Laval catalog, to be had for the asking, helps to make plain, and that every De Laval local agent is glad of the opportunity to prove to any prospective buyer. If you don't know the nearest De Laval agency simply write the nearest main office, as below.

## The De Laval Separator Co.

165 BROADWAY, NEW YORK

29 E. MADISON ST., CHICAGO

50,000 Branches and Local Agencies the World Over.

### Stannard's Processed Crude Oil Kills Lice and Cures Mange.

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market for the reason that it kills the nits as well as the lice, and remains on your stock for so long that it thoroughly cures them. Put up only in 52 gallon barrels, and sold for \$5.00 per barrel. Why pay \$1.00 per gallon for a dip when you can get the best for less than 10c per gallon? My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$4.00 per barrel of fifty-two gallons. See my advertisement of refined oils at wholesale prices in next week's issue. Send cash with order. Address C. A. Stannard, Box M, Emporia, Kan.





### Farmer Onswon Talks on **BEATRICE** Cream Separators

The man who buys the Beatrice Cream Separator need never buy another separator.

It has but few parts that can ever wear out. And there's not a single part that can ever wear out or rust out that is not replaceable.

When the bowl or other part does finally wear out, you don't have to junk your machine and buy a new one. You simply buy a new part.

**If you should replace every single part that could wear out on your Beatrice, the cost would be less than \$35.**

Isn't that better than paying \$110 and over for a new machine, which is necessary with some separators?

That is just one of the great Beatrice points. The Beatrice is the high-grade, fair-priced separator that you can clean in two minutes and that gets all the cream whether the milk is hot or cold.

Know all about the Beatrice before buying a cream separator. Be sure to write the nearest office for free catalogue and name of dealer near you.

**BEATRICE CREAMERY CO., Chicago**  
Des Moines, Ia., Dubuque, Ia., Lincoln, Neb., Topeka, Kan., Denver, Col., Oklahoma City, Okla., St. Louis, Mo.



I have started more breeders on the road to success than any man living. I have the largest and finest herd in the U.S. Every one an early developer, ready for the market at six months old. I want to place one hog in each community to advertise my herd. Write for my plan, "How to Make Money from Hogs." C. S. BENJAMIN, R.F.D., 33 Portland, Mich.

**\$7.55 Still Buys**  
**World's Champion**  
**140-Egg Incubator**  
Double cases all over: best copper tank; nursery, self-regulating. Best 140-chick hot-water brooder. \$4.95. Ordered together, \$11.50. Freight Paid (E. of Rockies). No machines at any price are better. Satisfaction guaranteed. Write for book today or send price now and save time. Jim Rohan, Pres.  
**BELLE CITY INCUBATOR CO.**  
Box 21 Racine, Wis.

### Tells why chicks die

J. C. Reefer, the poultry expert of 1514 Main St., Kansas City, Mo., is giving away free a valuable book entitled "White Diarrhoea and How to Cure It." This book contains scientific facts on white diarrhoea and tells how to prepare a simple home solution that cures this terrible disease over night and actually raises 98 per cent of every hatch. All poultry raisers should write Mr. Reefer for one of these valuable free books.

## Rains Help Crop Prospects

Except in Western Kansas, Wheat Is Flourishing

By Our County Correspondents

**M**ORE or less general showers the first of the week have put new life into all growing vegetation and crop conditions are more promising than at any time this season, wherever rains have fallen. Wheat, alfalfa, and pastures, in particular, are making an excellent showing while spring sown crops are getting as favorable a start as in any season in recent years. "Old settlers say this is the most promising spring ever known here," says H. H. Wright of Clay county, Kansas.

The only discouraging reports this week are from the extreme western Kansas counties where continued dry weather and sand storms are damaging wheat and other growing crops. The damage, however, is greatest from the wind as there is still plenty of moisture in the subsoil and this would support the wheat for a time. Early sown wheat that is well established is not being hurt very noticeably but late sown fields are blowing out badly.

**Trego County**—Wheat damaged somewhat by the recent sand storms. Stock looking well and enjoying the wheat. Oats badly damaged by frost. Eggs 14c; butter 18c.—Wm. Claycamp, April 25.

**Clay County**—All kinds of crops including grass, alfalfa and fruits are doing fine. Old settlers say this is the most promising spring ever known here. Stock doing nicely.—H. H. Wright, April 25.

**Crawford County**—Fine growing weather. Oats, wheat and alfalfa doing well. Corn planting about finished and acreage is light. Stock nearly all on pasture. Ground working fine.—H. F. Painter, April 25.

**Norton County**—Grass making fine growth and stock is picking up. Most all small grain killed by electric winds. Some farmers have begun listing. Cows \$70 to \$90; milo \$1.45 a bushel; barley \$1 to \$1.50.—Mrs. Margaret McGee, April 25.

**Greenwood County**—Corn planting commenced. A good many oats sowed. A great deal of alfalfa sowed this spring. Grass starting slowly. Feed practically all fed out. Corn 80c; hay \$14 to \$16; potatoes \$1.25; eggs 15c; butter 18c.—E. E. Rardon, April 18.

**Republic County**—No rain in April except in the eastern part of the county. Wheat and oats look good but they need rain. Pastures green but not making much growth. Corn ground about all disked and planting will begin about May 1. Eggs 15c; butter 21c.—E. Erickson, April 25.

**Bourbon County**—Weather fine now and corn planting is in order. Big acreage of corn will be planted, but a large per cent of the former acreage will be supplemented by grain sorghums. Stock nearly all on pasture now. Spring pig crop smaller than usual.—Jay Judah, April 25.

**Sheridan County**—Driest April on record. The excessive rainfall last December is saving the wheat. Plenty of moisture in the subsoil yet. Late sown wheat blown out somewhat but the September sowing stands at 100 per cent. Cattle going on grass thin.—R. E. Patterson, April 22.

**Decatur County**—Wheat in fine condition but will need rain soon. It is still being pastured. Corn planting is in progress. Spring grain and pastures in good condition. Cattle scarce and high. Horses somewhat cheaper. Corn 74c; wheat 75c; butter fat 20c; eggs 15c.—G. A. Jern, April 25.

**Douglas County**—Corn planting in progress. Every farmer is busy. Wheat looks good. I believe we will have one of the earliest harvests on record unless we get cooler weather and more rain. Thermometer registered 83 at 4 o'clock today. Alfalfa will do to cut by May 10.—O. L. Cox, April 25.

**Dickinson County**—Weather nice and warm. Good rain over parts of the county. Wheat and alfalfa coming fine. Oats show a good stand and are stooling nicely. Grass is backward. Farmers busy planting corn. Soil in fine working condition. Apple and cherry trees in bloom.—F. M. Lorson, April 25.

**Rush County**—Early sown wheat doing well. Late sowings damaged by frost, wind and dry weather. Prospects for a crop of oats and barley not very good on account of damage by the freeze of April 7. Corn and listed feeds going in rapidly. Much road building being done.—J. F. Smith, April 25.

**Sedgwick County**—Fine growing weather. Plenty of rain. Wheat is making a very rank growth. Rye is heading. Alfalfa growing fast. Potatoes up to a good stand and gardens look fine. Corn planting has been delayed by the wet weather. Most farmers have their work up in good shape.—J. R. Kelso, April 25.

**Wilson County**—A great deal of flax and alfalfa was killed by freezing. Alfalfa has been resowed. Some sweet clover has also been resowed. Most of the corn is planted. Ground is in fine condition. Wheat and oats look fine. Cattle out on pasture. Prairie grass is coming up. No chinch bugs. Adolph Anderson, April 25.

**Stanton County**—High wind today and the dirt is blowing so we can hardly see. The ground is moist down 5 or 6 feet but is getting dry on top. Not much being planted yet on account of the wind. Much of the wheat is blown out. Milo \$1.50 a hundred; eggs 10c; yearlings \$25; cows \$72 to \$90.—G. S. Gregor, April 24.

**Anderson County**—First two weeks of April wet and farm work held back on that account. Very little corn planted. Oats up to a good stand and are looking fine. Alfalfa making a good growth. Pastures looking well. Some stock on pastures. Gardens made and potatoes planted. Peaches damaged by the frost but are not all killed. Pig crop will be light this spring.—G. W. Kiblinger, April 22.

**Wichita County**—It is getting a little dry. Wheat begins to need rain. Corn planting has begun, and a large acreage will be put out. Large acreage of milo, kafir and feterita will also be planted. Several silos to be put up. Grass is starting slowly. Yearling calves very high. Butter fat 20c; eggs 14c; corn 80c.—J. E. White, April 21.

**Scott County**—Wheat looks good, where dust storms have not killed it. Grass is good for this time of year. Cattle taken off wheat pasture and put on grass. Not much corn planted. Oats and barley not doing so well this year as usual. Good horses and mules bring good prices. Calves selling at 7 cents a pound.—J. M. Helfrick, April 25.

**Shawnee County**—One-half inch of rain on April 23 put the ground in fine condition for growing crops. Corn planting in full swing. Oats looking fine. Wheat never looked better. Spring seeding of alfalfa doing well. No bugs yet. Cattle going on pasture. There will be some fruit. Gardens look fine. No sickness among stock. Eggs 15c.—J. P. Ross, April 25.

**Morris County**—Weather conditions are right for farm work. Ground is in fine condition. Corn planting commenced this week. Wheat in fine condition. All cattle turned out to graze. Alfalfa starting fine. Fruit crop does not seem to be injured much by the frost. Plenty of seed corn in the county; also cane and kafir. Most stock in fairly good condition.—J. R. Henry, April 25.

**McPherson County**—Plenty of moisture. Wheat and oats doing fine. Corn planting has begun. On account of the large wheat acreage the acreage of corn and oats will be small. Alfalfa acreage has been increased considerably this spring. Pastures are late. A goodly number of colts this spring. Horses and cows cheaper than for some time. Eggs 15c; butter 18c.—John Ostlund, Jr., April 22.

**Pottawatomie County**—Another glorious rain last night with thunder and lightning. A few nights ago a barn was struck and burned to the ground while another in town was slightly damaged by lightning. Potatoes all planted and gardens made. Oats up and wheat is looking fine. Grass making rapid growth and stock is living on pasture. Peach and cherry trees in full bloom. Hay \$15, potatoes \$1.10, cream 21c, eggs 15c.—Mrs. W. H. Washburn, April 24.

### OKLAHOMA.

**Elk County**—Nice growing weather the last week and had a good local shower last evening which made the farmers smile. Spring sown alfalfa shows a fine stand. Gardens doing well and potatoes show good prospects. Eggs 15c, butter fat 20c.—Mrs. S. L. Huston, April 27.

**Blaine County**—Fine growing weather, but not much rain. Corn about all planted. Alfalfa was frozen down on April 8 but is coming out nice again. Wheat is making a rapid growth and looks fine. Potatoes and garden truck looking well. Some hogs dying with cholera.—H. Willert, April 24.

**Cotton County**—Winter wheat looking fine. Kafir, milo and feterita nearly all planted. Some kafir up to a good stand. Some cotton planted. Corn is big enough to cultivate. Big rain today soaked the ground. Pastures good. Alfalfa \$14; corn 85c; wheat 80c; eggs 13c; butter fat 18c.—Lake Rainbow, April 24.

**Pushmataha County**—Cotton planting is the order of the day. Corn all planted. Stock looks better than usual for this new country. Some draft stallions shipped in this spring. Saddle stock leads here. Butter 25c; eggs 10 to 12½c; peanuts \$1.25 bushel; seed corn \$2.—K. D. Olin, April 25.

### FIVE HYBRID TEA ROSES 25c

Everyone loves flowers and the one special favorite of all is the rose. Naturally, it's the most popular of all.

Through a fortunate purchase, I am able to make this very low price offer to all readers of Mail and Breeze who send in the coupon below, together with 25c, stamps or silver, within the next 20 days. Five choice hybrid tea rose plants will be sent prepaid. Not more than five plants will be sent to one person at this remarkably low price.

The collection consists of the following varieties: ETOILE DE FRANCE, a fragrant dark velvety crimson rose that flowers constantly; R. B. CANT, flesh color suffused with pale pink as delightfully blended as can be imagined; RADIANCE, rose pink in color, very fragrant, large blossoms borne on long stems; SOUVENIR DE PIERRE NOTTING, a salmon-yellow rose of rare beauty, blooming till frost; KAISERIN AUGUSTA VICTORIA, the finest of all white roses; blossoms sometimes tinged with pale blush. The plants are in fine condition and now is the right time to put them in the ground. We have only a limited supply.

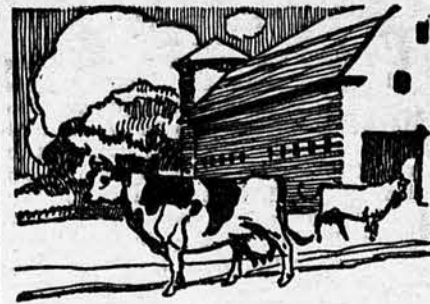
### USE THIS COUPON.

Arthur Capper, Publisher Farmers Mail and Breeze, Topeka, Kan.

I enclose 25c to pay for the collection of five beautiful Hybrid Tea Roses, as described above

My Name.....

Address.....



About the most practical piece of machinery on our farms is the

## SHARPLES MILKER

THIS voluntary endorsement is made by the secretary of a most progressive dairy farm, whose name we will be pleased to furnish on request. He says further:

"Before getting the SHARPLES MILKER we were milking 100 to 110 cows. It took ten hand-milkers four hours a day—two in the morning and two at night. We are now milking approximately 135 cows with the eight units. We use two men to operate the machine and two to do the stripping. It takes these four men just about the same time to milk these 135 cows as it took our ten men to milk 100 by hand."

**THE SHARPLES TUBULAR CREAM SEPARATOR** is a product that for thirty-three years has built character into dairy farming. For dairymen who desire to keep abreast of progress.

Write for Catalogs  
**The Sharples Separator Co.**  
West Chester, Pa.

Chicago Kansas City San Francisco  
Minneapolis Omaha Portland, Ore.  
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Agencies Everywhere

## THIS BIG, 3½ FOOT TELESCOPE FREE



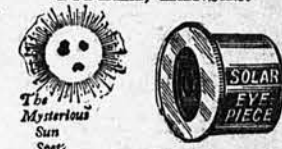
This is a real telescope and not a worthless toy. It is made by one of the largest manufacturers in Europe. When closed, as shown in picture, the telescope is 12 inches long and has a circumference of 3½ inches. When all 5 sections are pulled out the full length is over 3½ feet. It is built of the best materials, brass bound throughout. We furnish with each telescope a solar eye piece for use in studying the sun and the solar eclipses. Eye piece can also be used as a magnifying glass to detect insects or germs in plants or vegetables.

### Powerful Lenses 5 to 10 Mile Range

The lenses in this telescope are carefully ground and correctly adjusted by experts. See objects miles away. Farmer said he could count the windows and tell the colors of a house 7 miles away and could study objects 10 miles away which were invisible to the naked eye. Absolute necessity for farmers and ranch men. They can keep their eyes on the cattle, horses or men when far distant.

**Our Offer!!** We will send one of these big telescopes free and prepaid to all who send \$1.00 to pay for one year's new or renewal subscription to Mail and Breeze, and 25 cents extra for postage (\$1.25 in all). The Telescope is guaranteed to please you in every way or your money will be promptly refunded. Order at once. Address all letters to

**Mail and Breeze**  
Eighth and Jackson,  
TOPEKA, KANSAS.



Not yet too late to act upon the suggestion that home-grown fruit is the result of planting and cultivation.



# Trade In Beef Is Improving

## Market Holds Up Despite Increased Cattle Receipts—Grain Stronger

BY C. W. METSKER

CATTLE receipts last week at the five western markets exceeded 100,000 for first time in more than a month, but prices were depressed only moderately. To care for such receipts in preceding weeks would have been impossible without a severe break in prices. This is sufficient evidence that the beef trade is in an important condition. Killers have made no complaint of demand for beef in the past few days, but they have fought hard to prevent an advance in cattle. Wholesale prices for beef are 1 to 2 cents a pound higher, and the retail trade has accepted the advance with the usual amount of indifference.

### The Big Cattle Movement On.

Train loads of cattle out of the Southwest, destined for Kansas and Oklahoma pastures, are daily arrivals now, and by the time the movement is completed it is estimated that between 300,000 and 350,000 cattle will be in the big grazing lands. A few shipments have gone to Montana and the Dakotas and more will follow. More ground will be allotted to each steer and with anything like normal moisture both Kansas and Oklahoma cattle should carry excellent flesh in the fall. There is every indication that they will be needed.

### Increasing Price Range.

Unless the next few weeks develop a period of large demand for heavy feeders, good, thick-fleshed steers in August to December will be relatively scarce than at the present time. The trend in the market seems to be to maintain choice to prime well finished cattle at \$9 and up, while the common early grassers are holding at \$6 up. May top prices last year were slightly lower than April's high figure, but full-fed cattle then were in abundant supply. This year's conditions are the reverse, and on the basis of short supply May should make new high records for the year.

### Good Judgment in Buying.

Notwithstanding the scarcity of thin cattle, country buyers are not being stampeded into paying such high prices that there is no possible margin in handling them. Last week prices broke 25 to 35 cents, for the reason that they were at the danger point. At the decline demand revived again, and the week's supply though fairly liberal was well cared for. Prevailing prices for good stock and feeding steers is \$7.25 to \$7.85, selected kinds 15 to 25 cents higher, and that is high enough. At such prices producers of thin cattle are realizing a greater profit than feeders can hope for.

### Mexican Situation No Livestock Factor.

The situation in Mexico has had no direct effect in the livestock market thus far. An active campaign by the army however would mean increased demand for canned meats, a class of which packers have been short on for some time. Fresh meats will be drawn from forage sources by the army, and the navy supplied with beef shipped from gulf points.

### Enormous Loss in Meat Animals.

The report of the Department of Agriculture, issued Friday, April 24, places the 1913 loss in meat animals at 150 million dollars. The loss from disease of hogs, cattle and sheep is 122 million dollars, and from exposure of cattle and sheep 28 millions. The figures indicate a total loss of 7,005,000 hogs, valued at 73 million dollars. Cholera was the principal cause. The cattle loss was 1,727,000 and sheep 2,124,000 head. The loss in both cattle and sheep was less than normal. Other losses were 523,000 head of horses and mules, valued at \$59,100,000.

### Big Movement in Hog Prices.

Hog prices in the last seven days covered the entire range of the past three months, except that the extreme high point was not touched. Wednesday of last week the market was the lowest since late in January, many sales showing a decline of 40 cents from the high mark. The direct cause of the decline was a moderate increase in receipts and a break of 50 to 75 cents in prices of provisions. The lower prices shut off the country movement quickly and by the close of the week 20 to 25 cents of the loss was regained.

The total week's receipts at the five western markets were slightly less than those in the preceding week and the smallest this year. Packers evidently found out that farmers cannot be stampeded into liquidation by a temporary depression in prices. The May outlook for big supplies is not overly bright.

### Good Demand for Sheep.

Demand for sheep was active and with receipts liberal there is every indication that mutton is in large demand, much larger than either pork or beef. Increased supplies of southwest grass fat sheep reduced the average cost of the dressed product materially. Fed sheep are becoming scarcer, and those in fleece have about all been marketed. Shorn grades of lambs rank with the yearling class. Arizona spring lambs are coming and are selling at \$7.50 to \$8, or a shade under red, woolled lambs. Goats have been offered freely. Killers are buying them for the foreign population in eastern states. Prices range from \$3.20 to \$4.

### The Movement of Livestock.

The following table shows receipts of cattle, hogs and sheep at the five west-

ern markets last week, the previous week and a year ago:

	Cattle	Hogs	Sheep
Kansas City .....	26,550	32,850	56,800
Chicago .....	49,200	95,000	100,500
Omaha .....	17,000	44,800	25,600
St. Louis .....	11,025	44,000	15,000
St. Joseph .....	6,250	22,500	21,700
Total .....	110,025	239,150	219,600
Preceding week .....	95,700	242,000	214,500
Year ago .....	115,100	299,400	187,700

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1913:

	1914	1913	Inc.	Dec.
Cattle .....	424,162	498,802	.....	74,640
Calves .....	22,686	26,234	.....	3,548
Hogs .....	674,412	802,418	.....	128,006
Sheep .....	629,706	619,847	9,859	.....
H. & M. ....	33,901	35,498	.....	2,595
Cars .....	28,163	34,331	.....	6,168

The following table shows a comparison in prices of best offerings of livestock at Kansas City and Chicago for this date and one year ago:

	Cattle	Hogs	Sheep
Per 100 lbs. 1914 1913	1914 1913	1914 1913	1914 1913
Chicago .....	\$9.40 \$9.10	\$8.80 \$8.75	\$7.40 \$7.80
Kan. City .....	9.25 8.70	8.65 8.60	7.40 7.25

### War Demand for Horses.

The government has out specifications for about 200 head of horses, bids to be opened this week. This is part of the regular animal purchases of service horses. The quartermaster says that as soon as the special appropriation to meet emergency is passed, larger numbers will be bought. Mules will be needed also. Most of the horses for army use are 1,000 to 1,100-pound weights, of hardy colors and 4 to 7 years old. The mule classes are for hauling and packing and include all kinds from the largest to the smallest. General prices are holding steady.

### Large Movement in Grain Prices.

Grain prices this week covered a swing of 3 to 4 cents and closed the week net higher. Strong speculative demand owing to the strained situation in Mexico, and lack of rain early in the week caused a general advance. Considerable moisture at mid-week however was a weakening influence, but the market turned up again. Government needs for large supplies of grain and food stuffs in Mexico are expected to be the source of active demand for cash grain in the next few weeks. Seeding in the Northwest is being carried on rapidly under favorable conditions, and in the winter wheat belt nothing has interfered with the growth of the plant, except high winds. But in most cases roots are too deep for material injury from this source.

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago:

	Wheat	Corn	Oats
1914 1913	1914 1913	1914 1913	1914 1913
Chicago .....	97 1/2c \$1.07	68 1/2c 58	39 1/2c 36 1/2
Kan. City .....	90c 1.03	71 57	40 36 1/2

### Kansas City Hay Quotations.

Prairie, choice .....	\$17.00@17.50
Prairie, No. 1 .....	15.50@16.50
Timothy, choice .....	17.50@18.00
Timothy, No. 1 .....	16.50@17.00
Timothy, No. 2 .....	14.50@16.00
Clover mixed, choice .....	16.00@16.50
Clover, choice .....	14.50@15.00
Clover, No. 1 .....	13.50@14.00
Alfalfa, fancy .....	17.50@18.00
Alfalfa, choice .....	16.50@17.00
Alfalfa, No. 1 .....	15.50@16.00
Standard .....	14.50@15.00
Alfalfa, No. 2 .....	12.50@14.00
Alfalfa, No. 3 .....	9.50@11.00
Straw .....	4.75@ 5.50

### Seed and Feed Prices.

Alfalfa is quoted at \$7.50@9 a cwt.; clover \$9@12.50; timothy, \$3.75@4.50 a cwt.; cane seed, \$2.70@2.90; millet seed, \$1.25@2.10; flaxseed, \$1.30@1.33. Feed prices: Kafir, nominal, \$1.78@1.85 a cwt.; bran, \$1.16, shorts, \$1.17@1.22; corn chop, \$1.32; rye, No 2, 61c a bushel; feed barley, 52@54c a bushel.

### The Broomcorn Market.

Present prices for broom corn range as follows: In carlots, quotations for choice hurl and self-working brush range from \$125 to \$130; for medium self-working \$100, and for common, sound self-working, \$75@80. On orders higher prices are asked.

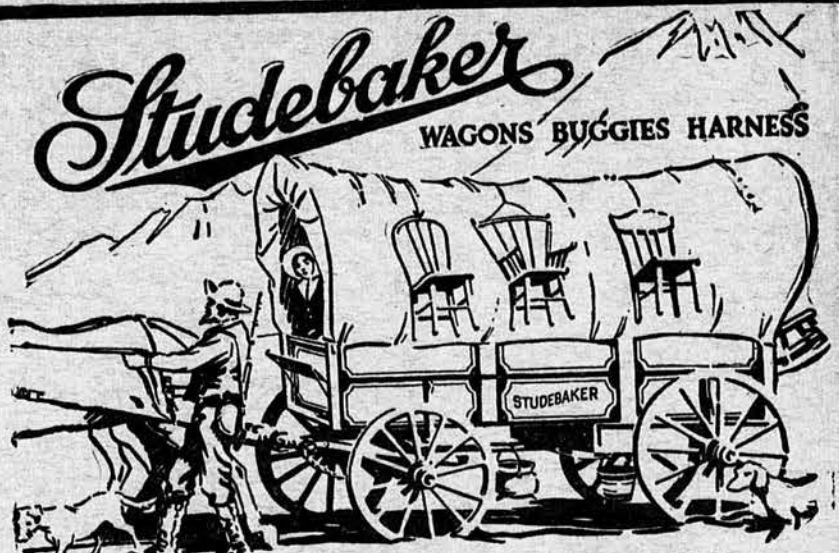
### Butter, Eggs and Poultry.

Elgin, April 27.—Butter this week is firm at 23 1/2 cents. Kansas City, April 27.—Prices this week on produce are: Eggs—Firsts, new white wood cases included, 19 1/2c a dozen; current receipts 18 1/2c. Butter—Creamery, extra, 23c a pound; firsts, 21c; seconds, 20c; packing stock, 15c. Live Poultry—Broilers, this year's, 30c a pound; spring chickens, 20c; hens, No. 1, 14c; culls, 8c; old roosters, 11c; young turkeys and turkey hens, 20c; old ducks, 13c; geese, 8c.

### Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1914 1913	1914 1913	1914 1913	1914 1913
Chicago .....	24 30	19 18	16 16 1/2
Kan. City .....	19 1/2 34	23 18	14 14 1/2

Sheep and lambs are often deceptive to the eye. A short-legged, short-bodied sheep is often heavier and will produce more wool than one that looks to be twice as large. As a rule great coarse-looking sheep are not desirable.



## Oregon Pioneer has used his Studebaker ever since 1874

OREGON territory was largely settled by sturdy pioneers who, with their household effects packed in equally sturdy Studebaker wagons, made possible the great state of Oregon.

An interesting letter from Mrs. Sarah A. Haughton, of Norway, Oregon, tells of the wonderful record of a Studebaker wagon bought in 1874. In part Mrs. Haughton states:

"My late husband bought our Studebaker wagon in May, 1874. We loaded all our household goods and 6 months' provisions, tied the chairs outside and started for Oregon. The roads were so muddy in places we could not see the hubs of the wheels. There was only one other wagon in our neighborhood and that has gone to pieces long ago, while our wagon is still in good working order. My son recently hauled 41 boxes of butter, each box weighing between 65 and 66 pounds, and the roads were pretty bad."

### IT PAYS TO BUY A STUDEBAKER

Thirty-nine years of hard work—and a good wagon yet. A marvelous record, but nothing unusual for a Studebaker. Other wagons go to pieces, and owners have to buy new ones, but a Studebaker wagon lasts a lifetime. Studebaker wagons are built to last and to stand up under rough usage. It is true a Studebaker may cost a few dollars more, but the long service it gives makes it the

cheapest wagon in the end. Don't listen to the dealer who wants to sell you the cheap wagon represented to be "just as good" as a Studebaker.

If you want a wagon that will last, run easily and stand up to its work, there is only one wagon to buy—and that's a Studebaker. Studebaker Buggies and Harness are just as good.

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## Studebakers last a lifetime

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Made from the well known APOLLO BEST BLOOM Galvanized Sheets, and unexcelled for lasting service and satisfaction. APOLLO BEST BLOOM Galvanized Sheets are specially adapted for Culverts, Silos, Tanks, Cisterns, Roofing, Siding, and all forms of sheet metal work. Sold by weight by leading dealers everywhere. Accept no substitute.

AMERICAN SHEET AND TIN PLATE COMPANY, Frick Bldg., Pittsburgh.

Send for free booklet  
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## Now! These New Engine Prices

Direct from Factory to User	2 H.P. \$34.95
	4 H.P. 69.75
	6 H.P. 99.35
	8 H.P. 139.65
	12 H.P. 219.90
	16 H.P. 298.80
	22 H.P. 399.65

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1541 Oakland Ave., Kansas City, Mo.

Don't forget to teach the boys how to use that part of their body which extends northward from the ears.

## SELLING EGGS BY CO-OPERATION

Eggs from select purebred stock: B. Rocks; W. Rocks; B. Orpingtons; W. Orpingtons; S. C. W. Leghorns; S. C. Brown Leghorns; W. Wyandottes; E. L. Wyandottes; Light Brahmas; and R. C. R. I. Reds; Black Langshans. Eggs fresh, fertile from farms where only one breed is kept. Sent prepaid by parcel post to any address in U. S. 15 eggs for \$1, or 100 for \$6. Your check with exchange accepted.

NORFOLK BREEDERS' CO-OPERATIVE ASSN., NORFOLK, NEBRASKA.

## 1400 Chicks

—hatched, raised and fed without a loss. The whole story of how we did it and much more useful information is told in a little folder which we will send free to any incubator owner who will send us the names of other owners of incubators in the neighborhood. If your baby chicks are dying send for this folder at once. ALVA REMEDY CO., Dept. C. P., Alva, Okla.

## WHITE DIARRHOEA

and other bowel troubles prevented by using CHICK-LIFE REMEDY. 50 cent package postpaid saves 500 chicks. Satisfaction guaranteed.

Chicklife Remedy Co., Clay Center, Kan.

## Cook's Barred Rocks

My remarkable win at Topeka, Jan., 1911, has never been equalled by any breeder in the West—winning 1st and 3rd chl. 2nd cock, 3rd pen, 4th and 5th hen and over \$100 in cash and silver cups besides numerous specials. They lay eggs too, which I am selling at \$1.50 per 15; \$4 per 50 and \$7 per 100 by express or parcel post prepaid. I guarantee safe delivery.

Chas. J. Cook, Box 2, Marysville, Kan.



# FARMERS CLASSIFIED PAGES

Advertisements will be inserted in this department for 5 cents a word each insertion for one, two or three insertions. Four or more insertions 4 1/2 cents a word each insertion. Remittances should preferably be by postoffice money order. All advertisements are set in uniform style. No display type or illustrations admitted under any circumstances. Each number or initial counts as one word. Guaranteed circulation over 104,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery goods, for renting a farm, for securing help or a situation, etc., etc. Write for proof that it pays. Everybody reads these little ads. Try a classified for results.

## RELIABLE POULTRY DEALERS

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WHITE ROCK EGGS. MRS. A. PTACEK, Emporia, Kan.

BUFF ROCK EGGS \$1.00 PER 15. EFFIE Huxtable, Frankfort, Kan.

BUFF ROCKS, HIGH SCORING. EGGS. Mrs. Lloyd Clark, Hazelton, Kan.

BARRED ROCK EGGS \$3.00 PER HUNDRED. G. H. Molby, Barnes, Kan.

BUFF ROCK EGGS. SEND FOR MATING list. Ed Morgenstern, Oakley, Kan.

BUFF ROCK EGGS, 15 \$1.00, 50 \$2.25, 100 \$4.00. J. H. Mollenbruch, Morrill, Kan.

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RINGLET BARRED ROCK EGGS. Circular free. M. L. Stamper, Clifton Hill, Mo.

WHITE ROCK EGGS \$3.00 100. STRONG range flock. Anna Swearingen, Garnett, Kan.

GREAT BIG BARRED PLYMOUTH ROCKS. Hatching fine. M. O. Culver, King City, Mo.

COOK'S BARRED ROCKS—THE GREAT winners and layers, see large ad on poultry page.

PURE BARRED ROCK EGGS. 15 \$1, 100 \$5. Farm range. Mrs. H. Buchanan, Abilene, Kan.

SUPERIOR "RINGLET" CHICKS, FIFTEEN cents. Eggs. Mabel Hall, Junction City, Kan.

BRED TO LAY BARRED ROCKS. EGGS \$1.50 and \$2.00 per 15. Fred Warren, Todd, Okla.

EGGS. WHITE ROCKS EXCLUSIVELY. 65c per 15. Mrs. Elmer McGee, Blue Mound, Kan.

PARTRIDGE ROCKS—NOFTZGER strain. Eggs now. William A. Hess, Humboldt, Kan.

THOROUGHbred BARRED ROCK EGGS. \$1.00 15. \$4.00 100. Harry Cummins, Toronto, Kan.

BUFF ROCK EGGS, 15 \$1.00, 45 \$2.25, 100 \$4.00. Pen, 15 \$2.00. Mrs. Perry Myers, Fredonia, Kan.

BUFF ROCK EGGS FROM CHOICE STOCK. No culls. 30 eggs \$1.50. Mrs. E. C. Hicks, Columbus, Kan.

BUFF ROCK EGGS \$5.00 PER 100. RATES on larger numbers. Mrs. M. E. Stevens, Humboldt, Kan.

RINGLET BARRED ROCKS EXCLUSIVELY. 15 eggs \$1.50, 100 \$6.00. Frances Shuff, Plevna, Kan.

WHITE ROCKS. FARM RANGE EGGS 15 75 cents, 100 \$3.00. H. F. Richter, R. 3, Hillsboro, Kan.

BARRED ROCK EGGS, PRICE REASONABLE, considering quality. Write Milton Dehl, Lawrence, Kan.

WHITE ROCKS, FISHEL STRAIN. EGGS, 15 \$1.25; 50 \$2.75; 100 \$5.00. Mrs. Frank Powell, Buffalo, Kan.

BIG TYPE BARRED ROCK EGGS. FROM ten pound hens, and twelve pound cocks. A. H. Duff, Larned, Kan.

ELEVEN YEARS EXCLUSIVE BREEDING White Rocks. Eggs, 15 \$1.00, 100 \$4.00. O. J. Stoker, Hartford, Kan.

BIG BARRED ROCK EGGS FROM GOOD laying strain. 50c per 15, \$3.00 100. Mrs. George L. Fink, Eddy, Okla.

WHITE P. ROCK EGGS \$3.00 PER 100. Extra large stock. Mrs. C. E. Peterson, R. 1, Box 65, Windom, Kan.

BARRED ROCK EGGS. THOMPSON, Bradley strains, \$1.00 fifteen, \$5.00 per hundred. M. Burton, Haddam, Kan.

EGGS FROM PURE-BRED BUFF ROCKS. Hens laid all winter. \$3.50 per hundred. Mrs. A. F. Sieglinger, Peabody, Kan.

EGGS FROM LARGE, WELL BARRED Rocks, \$4.50 100, \$2.50 for 15 from choice cockerel mating. Chas. Hills, Wahoo, Neb.

BIG BARRED ROCKS, GOOD LAYERS. Eggs \$1.00, 100 \$4.00. Can handle large orders. Chas. Cornelius, Blackwell, Okla.

BARRED ROCK EGGS AND CHICKS. Latham and Bradley strains. Write for prices. Mrs. H. F. Schmidt, Humboldt, Kan.

PRIZE WINNING BARRED ROCKS. PEN and range eggs. Baby chicks. Mating list free. Mrs. C. N. Bailey, Lyndon, Kan.

PURE BUFF ROCKS EXCLUSIVELY FOR twelve years. Eggs \$2.00 per fifty, \$3.75 per hundred. Mrs. Homer Davis, Walton, Kan.

IVORY WHITE ROCK EGGS FROM FARM flock of big hens. \$1.00 15. \$5.00 100. Pen eggs, \$3.00 15. \$5.00 30. Minnie Clark, Haven, Kan.

BARRED ROCK EGGS. BUY PRIZE WINNING stock. Our birds won 8 firsts at Hutchinson and Wichita. Pen eggs \$3 and \$5 per 15. Utility \$4 per 100. Descriptive circular. C. C. Lindamood, Walton, Kan.

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WHITE PLYMOUTH ROCKS ONLY FOR seventeen years; blue ribbon winners; \$1.00 per 15 or \$4.00 per 100. Lambert Bros., Smith Center, Kan.

BUFF AND WHITE ROCKS. WON SIX firsts at Hutchinson Jan., 1914, also specials. Eggs 15 \$1.00, 100 \$5.00. W. H. Beaver, St. John, Kan.

PURE BRED WHITE ROCKS. BEAUTIES. Eggs for hatching. \$2.00 for 15; \$5.00 for 50, \$8.00 for 100. Mrs. Elmer Lane, Burlington, Kan.

OFFER'S WEIGHER-LAYER BARRED Rocks. 103 premiums. Eggs 15 \$1.00; 100 \$5.00. Pens \$3.00 and \$5.00 per 15. W. Opfer, Clay Center, Kan.

BARRED ROCKS EXCLUSIVELY (AT Bermuda Ranch). Eggs, \$1.00 for 15; \$4.00 per 100. Satisfaction guaranteed. Frank Hall, Toronto, Kan.

BIG TYPE BLUE BARRED PLYMOUTH Rocks, Bradley strain, none better. Eggs 15 \$1.25, 30 \$2.00, 50 \$3.00, 100 \$5.00. Mrs. T. B. Mitchell, McPherson, Kan.

BARRED ROCKS. BRADLEY'S HEAVY laying strain. 15 utility eggs \$1.50, 100 \$5.00. Choice pens \$2.50 and \$3.00 setting. Mrs. S. M. Thompson, Birmingham, Iowa.

BARRED ROCKS. 68 PREMIUMS, TOPEKA, Manhattan, Clay Center, Denver. Eggs, 15, \$3.00; 30, \$5.00; 15, \$1.25; 60, \$4.00; 100, \$6.00. Mrs. D. M. Gillespie, Clay Center, Kan.

PURE BARRED ROCKS EXCLUSIVELY. Fifteen years' successful experience. Eggs \$1.00 15, \$5.00 100. Safe arrival guaranteed. Glendale Farm, C. E. Romary, Prop., Olivet, Kan.

BRED TO LAY BARRED ROCKS. ABSOLUTELY the finest lot I ever owned. Satisfaction guaranteed. \$1.00 setting, \$5 per hundred. Belmont Farm, Topeka, Kan., Box 69.

PURE BRED PLYMOUTH ROCKS—THE heavy laying, utility kind. Eggs, \$7.50 per 100. Also pure bred, registered Hampshire swine from champion sires and dams. Isom J. Martin, Lancaster, Mo.

FULL BLOOD BARRED ROCKS. FLOCK headed by cockerels bred by Madison Square Garden winners. Farm raised. Eggs 15 \$1.25, 30 \$2.00, 100 \$5.00. Mrs. John Yowell, Route 4, McPherson, Kan.

BARRED PLYMOUTH ROCKS EXCLUSIVELY. Pens headed by prize winners at Kansas City, Missouri State and local shows. Strong birds bred for quality, clear, narrow, distinct barring. \$2.00 per 15 eggs. L. P. Coblentz, La Harpe, Kan.

WHITE ROCKS. FLOCK HEADED BY birds with 5 pointed comb, bay eyes, excellent shape. Eggs \$1.50 per 15, \$6.00 per 100. Pen \$3.00 per 15, hens scoring 92, 94. Blue ribbons at Red Oak show. Mrs. Melvin Baird, R. 8, Red Oak, Iowa.

WHITE ROCKS EXCLUSIVELY. EGGS from three matings, large vigorous stock having plenty of range. Eight prizes Summer Co. show; nine prizes Wichita state show. Yard one \$3.00 per 15; yard two, \$2.00 per 15; yard 3 \$1.50 per 15. Frank Lott, Danville, Kan.

HANLY'S FANCY PLYMOUTH ROCKS. Barred, White and Buff. Winners wherever shown. I have some of the best I ever raised, birds I could sell easily at \$50.00 each. Eggs, pullet mating, Pen 1 \$5.00 per 15; Pen 2, pullet mating, \$2.50 per 15; Pen 3, ck. mating, \$3.50 per 15; 60% guaranteed fertile or duplicate the order at half price. J. H. Hanly, Monticello, Mo.

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WHITE LANGSHANS. EGGS \$1.00 PER 15. Wm. Wischmeier, Mayetta, Kan.

WHITE LANGSHAN EGGS \$1 SETTING. Mrs. Howard Erhart, Independence, Kan.

BLACK LANGSHAN EGGS. SCORED birds. \$1.50 per 15. John Bolte, Axtell, Kan.

BLACK LANGSHAN EGGS 15 \$1.50, 100 \$7.50. Baby chicks, 15 cts. each. Mrs. Geo. W. King, Solomon, Kan.

TENNENHOLM LANGSHANS. BIG, BLACK, beautiful. Eggs \$1.50 per 15, \$2.50 per 30. Mrs. E. S. Myers, Chanute, Kan.

I BREED BARKER STRAIN BLACK Langshans. Eggs, both pen and range. Write J. O. Roller, Circleville, Kan.

FINEST BRED BUFF AND BLACK LANGSHANS For stock and eggs write J. A. Lovette, Poultry Judge, Mullinville, Kan.

BLACK LANGSHAN EGGS FROM HIGH scoring winter layers, \$1.00 per 15 or \$4.00 per 100. Geo. W. Shearer, Lawrence, Kan.

HIGH SCORING BLACK LANGSHANS with a record. Eggs \$4.00 per hundred, \$1.00 per 15. Martha Haynes, Grantville, Kan.

BLACK AND WHITE LANGSHAN. HOUDAN stock sold out. Eggs \$2.00 per 15. Write for booklet. E. D. Hartzell, Rossville, Kan.

BLACK LANGSHAN EGGS FOR HATCHING. Fine large boned farm stock. 75c per 15, \$4.00 per 105. Mrs. Jacob Conner, Sigourney, Iowa.

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ROSE COMB REDS. 15 EGGS \$1.00. MRS. Frank Hinden, Bazaar, Kan.

PURE SINGLE COMB REDS. BABY CHIX 10c. J. B. Scott, Colony, Kan.

R. C. RED EGGS CHEAP. MATING LIST free. G. D. Willems, Inman, Kan.

R. C. REDS. \$3.00 100 EGGS. \$1.00 FOR 20. Mrs. Earl Davis, Otego, Kan.

PURE BRED R. C. REDS; \$3.75 100. FARM range. Mrs. Jas. Crocker, White City, Kan.

ROSEDALE YARDS. ROSE COMB REDS. Eggs. Chicks. Mrs. Abbie Rieniets, Pratt, Kan.

HIGH GRADE REDS. 15 EGGS \$1.50 DELIVERED. The Oakley Poultry Yards, Oakley, Kan.

R. C. RED EGGS, REDS BRED TO LAY, 75c (setting); \$4.00 (100). Charles Sigle, Lucas, Kan.

ROSE COMB REDS, STANDARD BRED. Eggs from three pens. Shamleffer, Douglas, Kan.

EXTRA FINE ROSE COMB REDS. EGGS 15 \$1.00, 100 \$5.00. Mrs. Charles Joss, Topeka, Kan.

NEOSHO POULTRY YARDS. ROSE COMB Reds. Eggs at cut prices. J. W. Swartz, Americus, Kan.

ROSE COMB R. I. REDS; 75 CTS. FOR 15, \$3.50 100; good utility stock. Adda Walker, White City, Kan.

SINGLE COMB RED EGGS 15 75c, 100 \$4.00, 500 \$15.00. Mrs. H. A. Bushby, Rydal, Kan., Republic Co.

ROSE COMB REDS. HIGH PRICED STOCK. Fine range flock \$4.00 per 100. Howard Vail, Marysville, Kan.

SINGLE COMB RED EGGS, 15 FOR 75c, 100 for \$4.00. Safe arrival guaranteed. J. W. Williams, Olivet, Kan.

DID YOU NOTICE MY BIG COMBINATION offer in this column of April 4th? Read it. D. H. Welch, Macksville, Kan.

ROSE COMB RED EGGS, FIFTEEN FOR \$1 postpaid. \$4 per hundred f. o. b. Mrs. Jas. Shoemaker, Narka, Kan.

THOROUGHbred SINGLE COMB R. I. Red eggs \$1.00 per 15, \$5.00 100. Mrs. Clara Helm, Route 8, Topeka, Kan.

ROSE COMB RED EGGS. FIFTEEN \$1. Hundred \$5. Choice birds. Fertile eggs. Mrs. Arthur Jaekle, Pawnee City, Neb.

EGGS; ROSE COMB REDS. OUR BIRDS produce winners. Free mating list. Roberts & Bauman, Box 426, Holsington, Kan.

LUNCFORD'S SINGLE COMB QUALITY Reds. Pullets \$1 and \$2. Eggs \$7 hundred prepaid. Sadie Luncford, Mapleton, Kan.

SINGLE COMB REDS, BEST BLOOD, prize winners; large; dark even color. Eggs, baby chicks. J. B. Hunt, Oswego, Kan.

LARGE, LONG BACK, DARK RICH RED R. C. Reds. Eggs \$2.00 50, \$1.00 15, \$4.00 100. Nora Luthye, North Topeka, Kan., Rt. No. 6.

DARK, RICH, R. C. REDS. UTILITY stock. Best winter layers. \$1.00 setting, \$5.00 100. Mrs. Walter Shepherd, Woodward, Okla.

ROSE COMB REDS—EGGS FROM GOOD farm flock 75c for 15, \$4.00 per 100. Chicks 10c. Mrs. John Buchanan, Solomon, Kan., R. 2.

SINGLE COMB REDS. EGGS. THE RED kind, that are red. Prize winners. Satisfaction guaranteed. J. J. Smith, Burlingame, Kan.

WHITE'S LAYING STRAIN SINGLE COMB Reds. Eggs \$1 to \$3 per 15. Write today for mating list. H. L. White, 1747 N. Waco, Wichita, Kan.

EGGS FOR HATCHING FROM PURE bred Rose Comb Reds, \$1.00 per 15, \$5 per hundred. Baby chicks 10c each. Mrs. Charles Hill, Toronto, Kan.

R. C. RHODE ISLAND REDS. BEST WINTER layers. Eggs from high scoring birds \$1.00 per 15, \$5.00 per 100. Mrs. A. J. Nicholson, Manhattan, Kan.

ROSE COMB REDS. THREE PENS OF big husky fine colored birds. Eggs \$2.00 per setting. Fertility guaranteed. Fred T. Nye, Leavenworth, Kan.

ROSE COMB REDS. FIFTY PREMIUMS, including Kansas State Shows. Pen eggs \$2.00 per 15. Range \$4.50 per 100. Free catalog. Stover & Myers, Fredonia, Kan.

ROSE COMB REDS. EGGS \$5.00 TO 75c setting. Chicks. Winners American Royal, Kansas State Fair, State Show, Oklahoma State Fair. Raymond Baldwin, Conway, Kan.

RHODE ISLAND REDS, BOTH COMBS, from richest colored and best laying Tompkins and Bean strains in this country. Eggs 15 \$1.00; \$5.00 100. Col. Warren Russell, Winfield, Kan.

RHODE ISLAND REDS. IF YOU WANT good Reds in either comb write "Redville Egg and Poultry Farm," Alvin Fellers, prop., for mating list. It's free. The home of as good as the best Reds. Eggs at farmer's prices. Secretary of the Golden Belt Poultry Breeders' association, at Hays, Kan.

### RHODE ISLAND REDS.

SEND FOR MY S. C. RHODE ISLAND RED mating list. Eggs from my Kansas and Nebraska State show winners very cheap. You will not be disappointed. H. R. McCrary, Concordia, Kan.

RHODE ISLAND REDS, BOTH COMBS. Eleventh year of sending out guaranteed fertility and safe arrival low priced eggs considering quality of stock. Mating list free. H. A. Sibley, Lawrence, Kan.

ROSE COMB REDS. WON FIRST PEN state show Wichita 1914. Eggs from this pen \$5.00. 2 cock won 4 \$5.00, 3 \$2.00. Utility \$1.00 for 15. Incubator \$5.00 per 100. Get mating list. Ruby Morris, Rosalia, Ia.

EGGS FOR HATCHING FROM FARM range Rose Comb Rhode Island Reds exclusively. Our flock is healthy and vigorous, our eggs were almost 100 per cent fertile last year. \$5 per 100 or \$1 per 15 eggs. Day old chicks 20c each. Order from this ad. J. B. Helsel, Route 5, Grinnell, Iowa.

### WYANDOTTES.

WHITE WYANDOTTE EGGS 5 CTS. EACH. Mrs. M. F. Austin, Miltonvale, Kan.

WHITE WYANDOTTE EGGS 4 CENTS each. C. R. Boggs, Columbus, Kan.

PRIZE SILVER WYANDOTTES. 100 EGGS \$4. Mrs. J. W. Gause, Emporia, Kan.

WHITE WYANDOTTE EGGS \$3.50 A HUNDRED. Alice M. Barnes, Atlanta, Kan.

WHITE WYANDOTTE EGGS, FIFTY CENTS 15, \$3.00 100. Alice Sellers, Mahaska, Kan.

WHITE WYANDOTTE EGGS \$1 SETTING. Mrs. Howard Erhart, Independence, Kan.

SILVER WYANDOTTE EGGS, 100 \$4, SETTING 75c. Mrs. Emma Downs, Lyndon, Kan.

COLUMBIAN AND WHITE WYANDOTTE eggs. Mating list free. G. D. Willems, Inman, Kan.

CHOICE SILVER WYANDOTTES. 15 EGGS \$1.50; 100 \$6.00. Mrs. Edwin Shuff, Plevna, Kan.

PRIZE WINNING WHITE WYANDOTTE eggs \$1.15, \$1.50 30, \$4.00 100. V. M. Davis, Winfield, Kan.

WHITE WYANDOTTE EGGS, 75c AND \$1 setting from high grade stock. Ideal Poultry Yards, Wayne, Kan.

WHITE WYANDOTTES. EGGS AT \$1.00 15, \$5.00 100. Satisfaction guaranteed. Andrew Kosar, Delphos, Kan.

SILVER WYANDOTTES. WELL LACED; farm flock. Eggs 15 \$1.00, hundred \$5.00. J. B. Fagan, Minneapolis, Kan.

BEST STRAIN GOLDEN AND WHITE Wyandottes. Eggs in season. Write for prices. Wm. Schreiner, Exeter, Neb.

ROSE COMB WHITE WYANDOTTE EGGS, 100 four dollars; 200 seven dollars. Mrs. H. G. Stewart, Route 1, Tampa, Kan.

FARM RAISED SILVER WYANDOTTES. Eggs 15 for \$1, 100 \$5. Baby chicks 100 \$10. Julia Haynes, Baileyville, Kansas.

BONNIE VIEW WHITE WYANDOTTES, extra fine strain, eggs are testing high. Mrs. N. W. Burbank, New Sharon, Iowa.

UTILITY SILVER WYANDOTTES. 15 eggs \$1.00, 100 \$4.00. Pure bred farm raised stock. J. L. Benson, Olsburg, Kan.

WHITE WYANDOTTES. THE EGG LAYING kind. 15 eggs \$1.00, 30 eggs \$1.80, 50 eggs \$2.50. J. E. Gustafson, McPherson, Kan.

TRUE BLUE WHITE WYANDOTTES. Eggs from birds scoring 94-95. \$1.00 setting, \$5.00 hundred. I. B. Pixley, Wamego, Kan.

SILVER WYANDOTTE EGGS, 15 \$1.00, 100 \$5.00; guaranteed 60 per cent hatch or order duplicated at half price. F. W. Bethke, Lebo, Kan.

WHITE WYANDOTTE AND BARRED Rock eggs from a great laying strain. 15 \$1.00; 30 \$1.75. Chilcott Poultry and Stock Farm, Mankato, Kan.

ROSE COMBED WHITE WYANDOTTE eggs from great laying strain, \$1.00 per 15, \$4.00 per 100. Eggs at all times. Garland Johnson, Mound City, Kan.

WHITE WYANDOTTE COCKERELS AND eggs from prize winning stock. Eggs 15 \$2.00, 30 \$3.00, 100 \$8.00. Fertility guaranteed. G. A. Wiebe, Beatrice, Neb.

SILVER WYANDOTTE EGGS. FIFTEEN \$1.00. One hundred \$5.00. 60% hatch guaranteed or order duplicated at half price. Write for circular or order direct. S. B. Dressler, Lebo, Kan.

### HAMBURGS.

HAMBURG EGGS, 15 \$2.00. NONE BETTER. Harry Inman, Route 1, Keokuk, Iowa.

ROSE COMB HAMBURG EGGS FOR SALE \$1.00 15, \$2.75 50. Nellie Sauerwein, Eureka, Kan.

SILVER SPANGLED HAMBURGS; EGGS \$1.00 per 15, by parcel post. Mrs. Geo. Church, Burlington, Colo.

### HOUDANS.

HOUDAN EGGS ONE DOLLAR PER SETTING. Mrs. J. A. Smith, Cleburne, Kan.



## LEGHORNS.

FINE S. C. WHITE LEGHORNS—ALEX Spong, Chanute, Kan.

S. C. W. LEGHORN EGGS, 100 \$3.00. W. R. Hildreth, Oswego, Kan.

S. C. BUFF LEGHORN EGGS FROM CUP winners. F. Weeks, Belleville, Kan.

S. C. W. LEGHORN EGGS, 15 75 CENTS, 30 \$1.25. Inez Cookin, Russell, Kan.

SINGLE COMB WHITE LEGHORN EGGS \$1.00 15. Sarah Rollins, Gretna, Kan.

S. C. BROWN LEGHORN EGGS \$4 PER hundred. Hulda Kearn, Girard, Kan.

WHITE LEGHORN EGGS AT \$3.00 PER 100. Edith M. Jones, Columbus, Kan.

EGGS S. C. W. LEGHORNS, 100 \$4.00. 200 \$7.00. Dave Baker, Conway Springs, Kan.

S. C. W. LEGHORN EGGS 15 \$1.00. 100 \$5.00. Scored. J. E. Gish, Manhattan, Kan.

BUFF LEGHORNS CHOICELY BRED. 30 eggs \$2. 100 \$4. John A. Reed, Lyons, Kan.

SINGLE COMB BUFF LEGHORN EGGS, 75c 15. \$3.00 100. A. L. Gerardy, Green, Kan.

FINE SINGLE COMB WHITE LEGHORNS. Eggs, chicks. Armstrong Leghorn Range, Arthur, Mo.

PURE SINGLE COMB BROWN LEGHORN eggs \$3.00 100. Mrs. Henry Wohler, Hillsboro, Kan.

S. C. WHITE LEGHORN EGGS \$1.00 PER 15, \$3 for 90. Eugene Bailey, Okla. City, Okla., R. 8.

PURE BROWN ROSE COMB LEGHORN eggs 3 1/2 cents each. Laura A. Hazen, Wayne, Kan.

ROSE COMB BROWN LEGHORN EGGS, 15 75c; 100 \$4.00. Mrs. Ida Standiford, Reading, Kan.

ROSE COMB BROWN LEGHORN PURE bred eggs, \$4.00 per hundred. H. B. Miller, Sycamore, Kan.

EGGS FROM CHOICE S. C. BROWN LEGHORNS, Range raised. Mrs. A. Anderson, Greenleaf, Kan.

LARGE S. C. WHITE LEGHORN EGGS, 100 \$3.00. Farm range. Hattie Jones, Jamestown, Kan.

SINGLE COMB WHITE LEGHORN EGGS and baby chicks, reasonable prices. E. Kagarice, Darlow, Kan.

S. C. W. LEGHORN EGGS, 100% FERTILITY guaranteed. Eggs half price. Robert Ketcham, Boonville, Ind.

ROSE COMB WHITE LEGHORN EGGS \$1.25 per 30. \$4.00 per 100. Mrs. J. B. Barnett, Ralston, Okla.

PURE S. C. BUFF LEGHORN EGGS, 15 75 cts. 100 \$4.00. Baby chicks 10 cts. Ella Beatty, Lyndon, Kan.

SINGLE COMB BUFF LEGHORN, WHITE Leghorn eggs \$1.15, \$1.50 30. \$4.00 100. V. M. Davis, Winfield, Kan.

SINGLE COMB BUFF LEGHORNS—STATE show winners. Eggs 15 \$1.00, 100 \$4.00. Geo. Dorr, Osage City, Kan.

FERTILITY GUARANTEED. SINGLE COMB White Leghorn eggs. \$1.00 15. \$5.00 100. Emery McKee, Hallowell, Kan.

PRIZE WINNING SINGLE COMB BROWN Leghorns. 100 eggs \$3.25. 30 \$1.25. Chas. Dorr & Sons, Osage City, Kan.

PURE S. C. BROWN LEGHORN EGGS \$1.00 15. \$4.00 100. Express or post prepaid. E. D. Hobbie, Tipton, Kan.

ROSE COMB BROWN LEGHORN EGGS. Specialty 12 years. Satisfaction guaranteed. Olive Hoskins, Fowler, Kan.

HOLLAND'S SINGLE COMB BROWN LEGHORNS. None better. Eggs \$4 per 150. Hugh Holland, Darlington, Okla.

MY FAMOUS S. C. W. LEGHORNS WIN everywhere. Eggs \$5 100. Baby chicks \$10 100. Geo. Patterson, Lyndon, Kan.

ROSE COMB BROWN LEGHORNS. KULP strain; pure breeds. Eggs \$4.75 100 prepaid. Mrs. Mary Miek, Ransom, Kan.

PURE BRED SINGLE COMB BROWN Leghorn eggs, fifteen for 50c, \$3.00 per hundred. Sadie Bates, Springhill, Kan.

LARGE, VIGOROUS ROSE COMB WHITE Leghorns. Eggs \$1.00 per 15. \$5.00 per hundred. Claud Worrel, Zeandale, Kan.

SINGLE COMB WHITE LEGHORNS. PROFITABLE layers, prize winners. Eggs \$4.00 per 100. Gallup Poultry Farm, Braman, Okla.

S. C. BROWN LEGHORN EGGS FOR hatching \$1.00 per 15. \$5.00 per hundred. H. W. Brown, Belleville, Kan., Rt. No. 2.

S. C. W. LEGHORN EGGS FOR SALE from select stock. \$3.50 per 100. \$2.50 for 50. Wm. T. Betzing, Tipton, Iowa, R. D. No. 6.

EGGS FROM S. C. BROWN LEGHORN prize winners. Both matings. 15 \$1.00 and up. 100 \$4.00 to \$5.00. H. N. Holdeman, Meade, Kan.

S. C. W. LEGHORN EGGS FOR SALE, from vigorous farm raised flock, 75 cts. per 15. \$4.00 per 100. A. R. Cochran, Anita, Cass Co., Iowa.

DORR'S PRIZE ROSE COMB WHITE Leghorns won 65 ribbons and silver medal. Eggs \$1.00 per 15, \$4.50 per 100. A. G. Dorr, Osage City, Kan.

ROSE COMB WHITE LEGHORNS BRED exclusively ten years. Fifteen eggs one dollar, one hundred five dollars. Corless Chartier, Miltonvale, Kansas.

ROSE COMB BUFF LEGHORNS EXCLUSIVELY. Largest, most handsome Leghorn. Greatest winter layers known. Fifteen select eggs \$1.50. 100 \$6.00. Safe delivery guaranteed. Goldenrod Poultry Farm, Mesa, Colo.

## LEGHORNS.

PURE BRED SINGLE COMB WHITE LEGHORNS. Wyckoff cockerels, mated to Franks hens and pullets. Eggs, 15 \$1.00; 100 \$4.00. Adolph Berg, McPherson, Kan.

SINGLE COMB BROWN LEGHORN EGGS from 200 two year old hens mated with cockerels scoring 93%. Heavy laying strain. 100 \$4.00, 50 \$2.50, 15 \$1.00. Edw. J. Dooley, Selma, Iowa.

PURE BRED SINGLE COMB WHITE LEGHORNS, range raised. Eggs for setting \$4.00 per hundred. Every bird in flock has been passed on by Judge Atherton. Harry Givens, Madison, Kan.

S. C. BROWN LEGHORN EGGS, 15 \$1.25. 50 \$4.00. 100 \$7.00. If you want to get fine pure bred stock with small investment give me your order; safe delivery, satisfaction guaranteed. A. B. Haug, Centralia, Kan.

ROSE COMB WHITE LEGHORNS. EGGS thoroughbred blue ribbon winners. Pen No. 1 \$3.00 for 15, \$5.00 for 30, \$10.00 for 100. Pen No. 2 \$2.00 for 15, \$3.00 for 30, \$7.00 for 100. Cockerels for sale. Mrs. W. E. Masters, Manhattan, Kan.

EXHIBITION AND UTILITY SINGLE Comb Brown Leghorns. Eggs from pen No. 2, 3, 4, \$2.00 per 15. Utility yard \$1.00 per 15 or \$5.00 per 100. My Leghorns are extra large size; good winter layers. I have been breeding for 25 years. H. P. Swerdfeger, Wichita, Kan.

## ORPINGTONS.

WHITE ORPINGTON EGGS FOR HATCHING. Gustaf Nelson, Falu, Kan.

TRY MRS. HELEN COLVIN'S BUFF ORPINGTON eggs and chicks. Junction City, Kan.

BUFF ORPINGTONS. 15 EGGS \$1.00; 100 \$5.00. Ralph Chapman, Route 5, Arkansas City, Kan.

BYERS & KELLERSTRASS WHITE ORPINGTON eggs \$1.50 per 15. Geo. Fisher, Custer, Okla.

KELLERSTRASS WHITE ORPINGTONS. \$1.00 per 15. \$5.00 per 100. Charles Pfeiffer, Riley, Kan.

WHITE ORPINGTON EGGS FROM KELLERSTRASS' \$30 stock. \$1.75 per 30. Edith M. Jones, Columbus, Kan.

KELLERSTRASS C. W. ORPINGTON eggs, \$1.50 per 15. Mrs. C. E. Peterson, R. 1, Box 65, Windom, Kan.

ORPINGTONS. BUFF, WHITE, UTILITY. Fancy. Eggs \$1.50 up. Baby chicks. Matting list. Box 311, Russell, Kan.

GOLDEN BUFF ORPINGTONS. COOK strain. Eggs 30 \$1.75. 100 \$4.75. White House Poultry Farm, Salina, Kan.

BUFF ORPINGTONS; DOUBLE PEN; good size and color. Eggs \$1.50 15, \$3.50 50. Maud Fagan, Minneapolis, Kan.

SINGLE COMB BUFF ORPINGTONS. Standard bred. Eggs \$4.00 100. Chicks \$10.00 100. Nettie Kubik, Caldwell, Kan.

THOROUGHbred S. C. BUFF ORPINGTON eggs \$1.00 for 15. \$6.00 per hundred delivered. J. A. Biunn, St. A. Wichita, Kan.

FOR SALE—BUFF ORPINGTON EGGS. Stock imported direct from England. Matting list ready. F. R. McKee, Braddyville, Iowa.

WHITE ORPINGTONS DIRECT FROM Kellerstrass' \$30 matings; 24 \$1.75. Parcel post, 100 \$5.00. Mrs. John Jevons, Wakefield, Kan.

WHITE ORPINGTONS; KELLERSTRASS winners and layers. Eggs \$2 per fifteen. Satisfaction guaranteed. H. B. Humble, Sawyer, Kan.

PRIZE WINNING S. C. BUFF ORPINGTON pen eggs two and three dollars per fifteen. Utility eggs one dollar. Mrs. Alice Stewart, Mapleton, Kan.

S. C. WHITE ORPINGTON EGGS AT HALF price, for delivery after May 15th. Illustrated booklet free. P. H. Anderson, M-53, Lindsborg, Kan.

SINGLE COMB BUFF ORPINGTONS. BRED for quality and egg production. Send for mating list. Satisfaction guaranteed. Frank Fisher, Wilson, Kan.

MY \$3.00 EGGS BALANCE OF SEASON for \$1.50 for 15. These White Orpingtons are of the best. Write for list; it's different. C. J. Page, Salina, Kan.

BUFF ORPINGTONS. PRIZE WINNERS. Splendid layers. My catalogue now ready. I can please you. All charges paid on eggs. August Petersen, Churdan, Iowa, Box 33.

PURE BRED SINGLE COMB BUFF ORPINGTONS, pen headed by sons of Wm. Cook's (1912) first Madison Square Garden and Allentown, Pa., cockerels. Eggs, 15 \$1.50. Adolph Berg, McPherson, Kan.

G. G. G. THE THREE G. POULTRY Farm. "Gertrude Geer's Golden." Single Comb Buff Orpingtons. Sixty premiums, two silver cups. Eggs, pens 1 and 2 \$5.00 per 15. Farm range \$1.50 15, \$4.00 50, \$7.00 100. A. H. Hawkins, Route 8, Winfield, Kan.

S. C. WHITE ORPINGTONS. EGGS booked or ready to deliver, from pens winning practically all firsts at shows in northern Kansas. Ask for mating list. Best mating \$5.00 per 15. Utility \$10.00 per 100. Guarantee eight chicks per setting. Ed Granerholz, Esbon, Kan.

## RHODE ISLAND WHITES.

ROSE COMB RHODE ISLAND WHITE eggs 15 for \$3.00, from first prize winners at the combined show at Kansas City last Dec. Mrs. J. M. Post, Colony, Kan.

## BUTTERCUPS.

BUTTERCUPS. UTILITY. FANCY. EGGS, baby chicks. Mating list. Box 311, Russell, Kan.

## DUCKS.

INDIAN RUNNERS. SILVER CUP winners. Burt White, Burlingame, Kan.

WHITE RUNNERS. EGGS \$1.50 PER 12. Mrs. C. B. Kellerman, Burlington, Kan.

PURE BRED PEKIN DUCK EGGS, ONE dollar eleven. John Bradley, Garnett, Kan.

ENGLISH RUNNER DUCKS AND EGGS for sale. Mrs. S. S. Boyer, Wilsey, Kan.

"QUALITY" FAWN AND WHITE RUNNERS for sale. E. H. Kilian, Manhattan, Kan.

FAWN-WHITE INDIAN RUNNER DUCK eggs, 13 \$1.00, 50 \$3.00. Eva Neal, Climax, Kan.

FAWN-WHITE RUNNER EGGS \$1.00 FOR 20. White eggs. Gertrude Mills, Sabetha, Kan.

FISHEL STRAIN WHITE RUNNER DUCKS, 13 eggs \$1.50. Gallup Poultry Farm, Braman, Okla.

PEKIN DUCK EGGS FROM THE STATE'S blue ribbon winners. Elizabeth Kagarice, Darlow, Kan.

FAWN-WHITE INDIAN RUNNER DUCKS \$1.00. Eggs 75c for 13. A. L. Young, Wakefield, Kan.

SNOW WHITE, PRIZE WINNING INDIAN Runner eggs. Send for catalog. Katie Lusk, Plains, Kan.

ENGLISH PENCILED INDIAN RUNNER ducks. Eggs 15 \$1.00, 50 \$3.00. Mrs. Henry Wohler, Hillsboro, Kan.

FAWN AND WHITE INDIAN RUNNER ducks. Eggs. 12 \$1.25; 24 \$2.25. Mrs. Edwin Shuff, Plevna, Kan.

WHITE INDIAN RUNNER DUCKS, FANCY stock, white eggs. Free mating list. J. F. Cox, Rt. No. 8, Topeka, Kan.

INDIAN RUNNER DUCK EGGS, FAWN and White, \$1.25 for 15, \$7.50 per 100. W. W. Eddy, Havensville, Kan.

WHITE INDIAN RUNNER DUCKS; \$2.00 13; extra quality stock; from winners. Adda Walker, White City, Kan.

WHITE INDIAN RUNNER, FAWN AND White Runners, Buff Orpington duck eggs. Mrs. T. N. Beckey, Linwood, Kan.

ENGLISH PENCILED INDIAN RUNNER ducks \$3.25 per trio. Eggs \$1.00 per 13. Clyde Creglow, Burlington, Colo.

WHITE INDIAN RUNNER DUCK EGGS. Money makers. Try some. 13 for \$2.00. Mrs. C. B. Palmer, Uniontown, Kan.

WHITE RUNNERS; EGGS 12 \$2.00. English Penciled Runners and Rowen eggs 24 \$1.50. H. J. Byers, Homewood, Kan.

EGGS FAWN AND WHITE INDIAN RUNNER ducks. White eggs. \$1.00 12. \$5 100. Mrs. Robt. Whitesell, Clearwater, Kan.

FAWN AND WHITE INDIAN RUNNER ducks. Eggs for setting, white shells, \$1.50 per 15. \$8.00 per 100. L. B. Pickett, Horton, Kan.

FAWN-WHITE INDIAN RUNNER DUCKS \$5.00 trio. Eggs \$5.00 100. \$3.00 50. \$1.00 14. White eggs. G. W. Skinner, Baxter Springs, Kan.

GREAT LAYING FAWN RUNNERS. Missouri State show winners. Choice specimens. Never defeated. Eggs only \$2 per 13. Mary Culver, King City, Mo.

BUFF ORPINGTON DUCKS—GREATEST layers on earth. Eggs \$2. S. C. Black Minorca eggs, \$1.50. S. C. White Leghorn eggs \$1. D. M. Christy, Blackwell, Okla.

EGGS—YES, BASKETS FULL OF THEM from Fawn and White Indian Runner ducks. 12 \$1.00. 100 \$6. Special prices large orders. Chas. Cornelius, Blackwell, Okla.

DOMESTICATED MALLARD DUCK EGGS 11 for \$3.00. Large Belgium Homer squabs for breeding, six weeks old, \$1.00 a pair in lots of five pair or more. Joe F. Nolan, Ruthven, Iowa.

WHITE RUNNERS. TWENTY FIRSTS including Kansas and Mo. State Shows. Eggs \$1.50 per 12. \$5.00 per 50. \$10.00 per 100. Fawn Runners. State show winners for four years. Eggs \$1.00 per 15. \$3.00 per 50. Big free catalog. Stover & Myers, Fredonia, Kan.

WHITE INDIAN RUNNER DRAKES \$1.00. Eggs from white ducks 10 \$1.00, 100 \$8.00. English Penciled and Fawn and White eggs from best prize winning stock and white egg strains in this country. 15 \$1.00; \$5.00 per 100. Five ducks and one drake \$10.00. Col. Warren Russell, Winfield, Kan.

## BRAHMAS.

LIGHT BRAHMA EGGS. PRIZE WINNERS. 75c per setting. V. E. Rogers, Sharon, Kan.

PURE BRED LIGHT BRAHMAS. COCKERELS \$1.00. Eggs 15 \$1.00. Carrie Warner, Grenola, Kan.

## MINORCAS.

SINGLE COMB BLACK MINORCA EGGS \$2.00 15. A. L. Liston, Garden City, Kan.

SINGLE COMB BLACK MINORCAS. Choice eggs, 15 \$1.25. Sarah Peters, Nashville, Kan.

SINGLE COMB WHITE MINORCA EGGS, Teetzie strain. Pen one and two. J. L. Bryant, Cottonwood Falls, Kan.

## BABY CHIX.

YOU BUY THE BEST THOROUGHbred baby chicks guaranteed for the least money at Colwell's Hatchery, Smith Center, Kan.

PURE BRED CHICKS. BUTTERCUPS, doz. \$2.50; White Rocks, \$2.00. Eggs and Rock hens cheap. Save this adv.; will not appear again. E. Blawie, Kinsley, Kan.

## TURKEYS.

NARRAGANSETT TURKEY EGGS. MRS. John Mitchell, Lafontaine, Kan.

MAMMOTH BRONZE EGGS 25 CTS. EACH. Carrie Thompson, Cimarron, Kan.

WHITE HOLLAND EGGS. MATING LIST free. G. D. Willems, Inman, Kan.

WHITE HOLLAND EGGS \$3.25 PER 12. Grace Garnett, Marion, Mo.

BOURBON REDS. FINE STOCK. EGGS \$3 for 11. Julia Haynes, Baileyville, Kan.

WHITE HOLLAND EGGS \$2.50 PER SETTING of 10. Mrs. Ed. Dorr, Mahaska, Kan.

THOROUGHbred WHITE HOLLAND Turkey eggs \$2.00 per 11. Mrs. Grace Dick, Harlan, Kan.

M. B. TURKEY EGGS FROM STANDARD stock \$3.50 per eleven. Edith M. Jones, Columbus, Kan.

EGGS—MAMMOTH WHITE HOLLAND turkeys. Catalogue free. Mary Culver, King City, Mo., R. 1.

BOURBON RED TURKEY EGGS \$3 PER eleven. Satisfaction guaranteed. H. B. Humble, Sawyer, Kan.

BOURBON RED TURKEYS. 2 YR. OLD breeders. Eggs \$3.00 per 11. Free catalogue. Stover & Myers, Fredonia, Kan.

MAMMOTH WHITE HOLLAND TURKEY eggs \$3.00 per setting. Flock headed by 40 lb. prize winning tom. S. H. Lenhart, Abilene, Kan.

BOURBON RED TURKEY EGGS, FROM large dark red thoroughbreds. Directions for raising with each setting. 11 for \$3.00. Mrs. C. B. Palmer, Uniontown, Kan.

MAMMOTH BRONZE TURKEY EGGS; stock scored by prize winners at St. Louis, Kansas City and Mo. State shows. \$5.00 per 10. Guarantee satisfaction or your money back. A. Ackerman, Rich Hill, Mo.

## ANCONAS.

EGGS FROM UNDEFEATED ANCONAS, 15 \$1.00; 100, \$5.00. Lucie House, Haven, Kan.

SINGLE COMB MOTTLED ANCONA EGGS, 100 \$5.00, 15 \$1.00. O. L. Burnett, Council Grove, Kan.

## LAKENVELDERS.

LAKENVELDER EGGS \$3.00 FOR 15. THE everlasting layers. J. H. Wadsworth, Mound Valley, Kan.

## SEVERAL VARIETIES.

BABY CHICKS. MRS. A. PTACEK, Emporia, Kan.

SATISFACTION GUARANTEED. WHITE Cornish, White Rocks, Toulouse geese. Tapley, Arcadia, Mo.

FINE EGGS. HAMBURG, WHITE Leghorns, Reds and Silver Wyandottes. Stella Snider, Piedmont, Kan.

PHEASANT EGGS, CHINESE GOLDEN and Silver. Also Japanese Silkies, eggs. G. P. Crosby, Minneapolis, Kan.

EGGS. BLUE ANDALUSIAN, ROSE COMB Rhode Island Reds, Buff Rocks. First pen \$1.50 per 15; second pen \$1.00 per 15. Marilla Officer, Hillsdale, Kan.

43 VARIETIES. POULTRY, PIGEONS, Ducks, Geese, Turkeys, Guinea, Incubators, Dogs. Catalogue 4 cents. Missouri Squab Co., Kirkwood, Mo.

S. C. WHITE MINORCAS. TEETZIE STRAIN. Eggs \$1.00 15, \$5.00 per 100. Fawn and White I. R. ducks, Aristocrat strain, same. A. Manley, Cottonwood Falls, Kan.

BROWN LEGHORNS, WHITE WYANDOTTES, Light Brahmas, Black Langshans, White Runners, White Geese, turkeys, geese. Stock and eggs. Emma Ahlstedt, Roxbury, Kan.

SETTING EGGS HALF PRICE BALANCE of season. Reds, both combs, Barred Rocks, White Rocks, and White Wyandottes. Write for mating and price list. A. Frogge, Oakley, Kan.

MAMMOTH PEKIN DUCK EGGS AT \$2.00 per 15 eggs. White Plymouth Rock eggs, best pen at \$1.50 per setting of 15 eggs; range flock \$4.00 per 100 eggs. F. C. Swiercinsky, Belleville, Kan.

EGGS FOR HATCHING FROM PURE BRED and prize winning White Wyandottes, Barred Rocks, Single and Rose Comb Reds, Light Brahmas, White and Black Langshans. Send for free mating list. C. D. Porter, Altoona, Iowa, Route No. 3.

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S. COMB BUFF ORPINGTON EGGS FROM two exhibition pens \$3.00 per 15. Free range flock \$1.25 per 15, \$4.00 per 60, \$6.00 per 100. Fawn and White Indian Runner ducks, extra well bred, \$1.25 per 15, \$7.00 per 100. Can fill orders quick. Good hatch guaranteed. Shipped by parcel post prepaid. Jas. McKendrick, Glenlussa Farm, Erie, Iowa.

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ATTENTION—POULTRY RAISERS. FOR \$50 I will tell you how to prepare a simple solution that will cure white diarrhoea in little chicks. A nickel's worth will last a whole season, get it at any drug store. This has been worth dollars to me. Money back if not satisfied. Mrs. M. A. Downen, Fontana, Kan.



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**CHOICE HAMPSHIRE BOARS FOR SALE.** Will Woodruff, Kinsley, Kan.

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**FOR SALE—4 REGISTERED ANGUS** bulls. Emil Hedstrom, Lost Springs, Kan.

**REGISTERED YEARLING GALLOWAY** bulls for sale by B. F. Young, Richland, Kan.

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**SEED CORN—BOONE COUNTY WHITE** ear corn; extra quality; \$2.00 per bu. A. M. Brandt, Severy, Kan.

**PURE FETERITA SEED, TESTS 95%. RE-** cleaned and sacked, \$3.00 per bu. F. O. B. O. F. Newell, Lebanon, Kan.

**FETERITA SEED GRADED AND TESTED** 97% germination \$2.75 per bu. Ask for samples. A. M. Brandt, Severy, Kan.

**CHOICE GERMAN MILLET SEED FROM** grower at \$2.50 per hundred. Sample on request. Andrew Ford, Linwood, Kan.

**SEED CORN. BOONE CO WHITE,** tipped, shelled, test 92, \$1.60 per bu. George L. Wright, R. 3, St. John, Kan.

**KAFIR SEED GRADED AND TESTED** 97% germination, \$1.75 per bu. Ask for samples. A. M. Brandt, Severy, Kan.

**2,000 POUNDS ROCKY FORD CANTA-** loupes seed for sale. Write for prices and state amount wanted. C. H. Browne, Lakin, Kan.

**KAFIR SEED, BLACK HULLED WHITE,** graded, crop '13, tested 95 strong by customers. \$2.50 per 100 lbs. J. C. Lawson, Pawnee, Okla.

**SEED CORN. REID'S YELLOW DENT.** Hand picked and graded, fine quality. One dollar fifty cents. Ask for sample. Ed. Fulcomer, Belleville, Kan.

**DWARF AND STANDARD BROOM CORN** seed \$3.50. Feterita \$4.00. Dwarf maize and kafir \$2.50. All per 100 pounds. Claycomb Seed Store, Guymon, Okla.

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**ALFALFA SEED. NINETEEN THIRTEEN** crop alfalfa seed, five to six dollars per bushel. Recleaned and fine. Ask E. A. Fulcomer, Belleville, Kan., for samples.

**FETERITA—PAMPHLET GIVING EXPER-** ence. Pure, high-testing recleaned seed \$2.75 single bu.; \$2.50 in two bu. lots; sacks free. H. M. Hill, Lafontaine, Kan., R. 1.

**FOR SALE—EXTRA FINE WHITE KAF-** fir corn raised 1913. Tested 93% germination. \$1.50 per bushel F. O. B. Assaria, Kan. Sacks extra. Weeks Bros., Assaria, Kan.

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**SEEDS AND NURSERIES**

**SWEET POTATO PLANTS—RED BER-** muda, Yellow Jersey \$1.50 per thousand. You pay express. Plants by the hundred, postpaid, sweet potato and cabbage .35; tomatoes, early and late, .50. T. F. Pine, Lawrence, Kan.

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**320 Acres Mow Land Montgomery Co.; 4 ml. good town; \$20 per a.; terms; other bargains. Foster Bros., Independence, Kan. (Est. 1870.)**

**Kiowa County Land bargains. Write for descriptions. Several of my own farms; can make terms to suit. C. W. Phillips, Greensburg, Kan.**

**Attention Renter You are entitled to a home and independence. You are now paying the net earnings of your labor to your landlord when it should be paying for a home for your family. Write us for information how to get one. NEW HOME REALTY CO., 1307 Commerce Bldg., Kansas City, Mo.**

**Farm Wanted to Buy In Jackson or adjoining counties or anywhere in N. E. Kansas. 80, 120 or 160 a. tract, imp. or unimproved; no washed, gullied nor overflooded farm. Prefer one fairly level, clear of alkali. Must be good soil, priced right. Describe what you have, give price, distance to R. R. point, plat of farm. Address Box 312, Effingham, Kan.**

**Choice Lots Located in Plains, Kansas, which is a live, growing town, are certain to be money-makers. Today's prices are from \$17.50 to \$100.00 on easy terms of 1-10 down and the balance 1-10 per month. Write for price list and full information. You will be surprised at the choice investment opportunity offered. JOHN W. BAUGHMAN, PLAINS, KANSAS**

**GRASS FOR 1,000 HEAD. We have twelve sections of choice buffalo and bluestem on the Pawnee valley with an abundance of running water; a number of good wells and tanks. The best pasture in the state; will rent all or part at a very reasonable rate. Call on or address Frizell & Ely, Larned, Kansas.**

**SEDGWICK COUNTY FARM BARGAINS. 220 acre alfalfa farm. 120 acres now in alfalfa. Land level; water in 12 feet any place on farm; good house, horse barn, cattle barn; can feed 200 cattle and holds 300 tons alfalfa hay at same time; 60 acres wheat; all crops go. \$105 per acre. This will suit you. 80 acre farm, all good land, 6 room house, large barn. This nice little home 6 miles from Wichita. \$5,500. Terms on half. Call on or write H. E. Osburn, 227 East Douglas, Wichita, Kansas.**

**OKLAHOMA GOOD FARMS FOR SALE; for particulars write to Harry E. Fray, Pawnee, Oklahoma.**

**WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Walters, Ok.**

**EXCEPTIONAL BARGAINS in N. E. Okla. farms. T.C. Bowling, Pryor, Mayes Co., Okla.**

**FOR SALE—Cheap lands in northeastern Oklahoma. Write for price list and literature. W. C. Wood, Nowata, Oklahoma.**

**40 A. 3 1/2 ml. McAlester; city 15,000. 28 a. tillable bottom land. 4 a. timber, bal. pasture. Fine for fruit, vegetables, poultry and alfalfa. \$22 per a. Terms. Write us about land. Southern Realty Co., McAlester, Okla.**

**CADDO COUNTY AGAIN WINS. First on agricultural products at State Fair. Write for information, corn and alfalfa lands. Baldwin & Gibbs Co., Anadarko, Okla.**

**Best 640 Acres in America WORLD'S BEST ALFALFA BELT, \$85. The famous Washita Valley took world's first prize alfalfa, second for wheat, International Dry Farming Congress. Produces \$116 alfalfa, 100 bushels corn. Best sub-irrigated land in the United States. Thompson-Gage Co., Pauls Valley, Okla.**

**TEXAS BIG CROPS, BIG MARKETS, BIG PROFITS. In the Houston, El Campo district of the Gulf Coast. Write us for Free Booklets, "Where Farming Pays," "Pointers on Where to Buy Land," also "The Gulf Coast Bulletin," for six months free. Allison-Richey Land Co., Houston, Texas.**

**WASHINGTON RICH VALLEY LANDS in White Salmon, Washington, on the Columbia river. Excellent soil, climate, plenty of rainfall. Within seventy-five miles of Portland, Oregon, and has splendid train and boat service. Close price to party with cash or terms for part payment. F. E. Holton, Box 971, Minneapolis, Minn.**

**\$35.00 PER ACRE (\$7,000) CASH will buy this 200 acre stock and dairy farm, located six miles S. W. of Reece, Greenwood Co., Kans. 40 acres valley land under cultivation (would grow splendid alfalfa), balance extra good pasture. Has a good six room house, other buildings only fair, farm all extra well fenced, good well, equipped with mill, and large cement water tank. Legal numbers are The N. W. 1/4 of S. W. 1/4 Sec. 27-26-8 Greenwood Co. and the S. E. 1/4 of Sec. 28-26-8 Butler Co., Kans. No trades considered. Address W. H. Dayton, Abilene, Kansas.**

**FOR SALE OR EXCHANGE. All kinds. Free list. Foster Bros., Independence, Kan.**

**BARGAINS in Lyon county. Trade anywhere. S. M. Bell, Americus, Kansas.**

**LAWRENCE REALTY CO., home of the swappers. Patrick C. Quinn, Mgr., Lawrence, Kan.**

**EXCHANGE BOOK, of hundreds of honest trades, farms, merchandise, etc., everywhere. Graham Bros., Eldorado, Kan.**

**SELL OR EXCHANGE your farm or business quickly for cash. Particulars free. Black's Business Agency, Desk 8, Durand, Wis.**

**320 ACRES, six miles Van Buren, Carter Co., Mo. Unimp. 1 mile Current river. Sale or exchange. E. L. Presson, Bolivar, Mo.**

**FARMS, ranches in Texas, Okla., Ark., Mo., Colorado direct from owners. To buy, sell or trade. Land Buyers Guide, McKinney, Tex.**

**FOR SALE OR TRADE. Relinquishment, 320 a.; 11 ml. north of Stratton, Colo. Chas. C. Duell, Goodland, Kan.**

**FOR EXCHANGE—160 acres well located and lays good with new barn and small house. Spring water. All tillable land. Mtg. of \$5,000 at 5%, three years. Price \$18,000. Will take income prop. up to \$5,000. Brown Co. land. Walter Hanson, Sabetha, Kan.**

**Buy or Trade with us—Exchange book free. Bersie Agency, Eldorado, Ks**

## ARKANSAS

**ARKANSAS FARMS for sale. Terms. List free. J. C. Mitchell, Fayetteville, Ark.**

**DOWELL LAND COMPANY will furnish you lists of farm, timber and rice lands at lowest prices. Walnut Ridge, Arkansas.**

**FOR DES. LIT., city props., Ark., and Okla. farm, fruit, timber, grazing lands, write Moss-Ballou & Hurlock, Siloam Sprgs., Ark.**

**80 A. 6 ml. out. 60 cleared; good house, barn. Family orchard. Price \$1,750. New list of farms. McKamey & McCarroll, Imboden, Ark.**

**120 ACRES upland, 7 ml. Morrilton. 60 a. cult. 80 cleared, balance timber. Fair imp. Rented \$100 cash. Price \$850.00. Stephens, Cazort & Neal, Morrilton, Ark.**

**CORN, OAT, CLOVER land. Sure crops. No swamps, hills. Fine climate, schools, churches. Small pay't down, bal. long time. Maps, circulars. Tom Blodgett Land Co., Rison, Ark.**

**160 A. RICH imp. Hurricane creek farm; 60 cult.; bal. timbered; 130 fenced; orchard; healthy; 3 1/2 ml. Winthrop. Lays level; \$20 a 1/2 down. Robt. Sessions, Winthrop, Ark.**

**QUIT RENTING and write Eugene Parrick, the land man, for fruit, grain and timber farms. Best prices, terms, water and climate in Ark., Missouri and Oklahoma. Describe your wants in first letter. Hiwassee, Ark.**

**440 ACRES OF FINE LAND, all open but 50 acres, fine alfalfa and clover land, 150 acres Bermuda grass, 2 miles inland town. 5 1/2 miles of two railroad towns; small dwellings, 3 tenant houses; price \$40 per a. Horton & Company, Hope, Arkansas.**

**200 A. 3 ml. of good town of 800. 60 a. in cult. 500,000 ft. of timber, 2 houses, 2 barns, 3 wells, 2 springs, 1/2 ml. to good school, church, P. O. and store. A genuine bargain. Price \$1,250. For sale by Black & Pitts, Waldron, Arkansas.**

**LAND—What have you to trade for Arkansas, level, unimproved land? Close to railroad. Shaeffer Land Co., 641 Reserve Bank Bldg., Kansas City, Mo.**

**Free Farms 500,000 acres government land free, open for entry in Arkansas. Where located and how secured shown in my new booklet sent post paid for twenty-five cents. R. C. Jarrell, Department 2, Carthage, Mo.**

**NEBRASKA Found—320 Acre homestead in settled neighborhood; fine farm land; not sand hills. Cost you \$200 filling fees and all. J. A. Tracy, Kimball, Neb.**

**IDAHO HUNDREDS of farmers growing rich in the Snake River valley. Homestead is a new town with new railroad. Buy lots or acreage now. Send for lit. Homedale Townsite Co., Boise, Idaho.**

**MISSOURI Settlers Wanted \$5,280 buys 160 acres improved, near town. Mostly cultivated. Easy terms. Get particulars. T.K. Thompson, Owner, Loan & Trust Bldg., Minneapolis, Minn.**

**HEALY LAND Co. Corn successfully grown. Drouths unknown. Don't doubt, but write for information and list of bargains. RED LAKE FALLS, MINN.**

**MISSOURI FOR FARM LANDS in Barry Co., Mo., write J. Y. Drake, Exeter, Mo.**

**240 ACRES, 2 miles Lebanon. 200 cultivated; good producing, highly imp., \$55 a. Stillwell Land Co., Magnetic City, Lebanon, Mo.**

**OUR INTEREST is your interest. We drain, improve and sell farms in Little River Valley. Lillbourn Real Estate Company, Lillbourn, Missouri.**

**BE YOUR OWN BOSS. Don't starve in the city. I own several 40 a. tracts of the best soil, bottom, cut-over timber—some a little impr. Fine income homes can be made. Will sell on your own terms. Guarantee 10% income by rents, if imprd. F. Gram, Naylor, Mo.**

**FOR SALE: 156 acre farm in Jasper county, close to town. Write for full information. J. E. Hall, Carthage, Mo.**

**IF YOU WANT grain, stock or fruit farms in the Ozarks, or exchanges, write J. E. Walton, Springfield, Missouri.**

**800 ACRE ideal stock ranch, wire fenced; good timber, springs and creek on ranch. Will consider part trade. T. A. Pritchard, Collins, Missouri.**

**HOWELL CO., MISSOURI. 120 a. farm 2 ml. from Pomona. 75 a. in cult. and orchard. 500 bearing trees, apple and peach, 100 a. fenced, 5 room house, good barn, 2 wells, cistern, phone line, rural mail. 1/2 ml. school. \$28. terms. Farms for merchandise or town property. A. F. Cottrell Land Co., Pomona, Mo.**

**MONTANA WE ARE RETAILING choice Montana lands where crops are large and sure. Price \$12 to \$25 per a. Danaher-Holton Co., 306-9 Plymouth Bldg., Minneapolis, Minn.**

**H. C. Whalen 413 Biting Bldg., Wichita, Kansas.**

**Some Good Ones Improved and unimproved tracts from five to forty acres, well located in and near Wichita. 200 acres good smooth land, small improvements, two miles from railroad town in Arkansas. Want more land or merchandise.**

**ARKANSAS DOWELL LAND COMPANY will furnish you lists of farm, timber and rice lands at lowest prices. Walnut Ridge, Arkansas.**

**FOR DES. LIT., city props., Ark., and Okla. farm, fruit, timber, grazing lands, write Moss-Ballou & Hurlock, Siloam Sprgs., Ark.**

**80 A. 6 ml. out. 60 cleared; good house, barn. Family orchard. Price \$1,750. New list of farms. McKamey & McCarroll, Imboden, Ark.**

**120 ACRES upland, 7 ml. Morrilton. 60 a. cult. 80 cleared, balance timber. Fair imp. Rented \$100 cash. Price \$850.00. Stephens, Cazort & Neal, Morrilton, Ark.**

**CORN, OAT, CLOVER land. Sure crops. No swamps, hills. Fine climate, schools, churches. Small pay't down, bal. long time. Maps, circulars. Tom Blodgett Land Co., Rison, Ark.**

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**QUIT RENTING and write Eugene Parrick, the land man, for fruit, grain and timber farms. Best prices, terms, water and climate in Ark., Missouri and Oklahoma. Describe your wants in first letter. Hiwassee, Ark.**



## THE OZARKS, WHAT OF THEM?



Purebred poultry and high-grade Holstein, Jersey and Ayrshire cows have transformed the Ozarks. Not many years ago southern Missouri and northern Arkansas were celebrated mostly for its moonshine whiskey, squirrel rifles and "yaller" hounds. Today the citizens of that section are progressive, industrious and rightfully proud of the fact that in no other undeveloped section is land advancing so rapidly in value.



Climatic conditions in the Ozarks are ideal for the poultry business. High records made by the hens in the national laying contest at Mountain Grove can be largely attributed to the open winters. Poultry can range almost the year through and the egg basket is filled in winter as well as in summer. Much of the grain fed at the poultry experiment station is grown on the station farm and can be grown in any other Ozark section. Early hatched chicks pay best. Incubators are running in the Ozarks in January and springs go to the St. Louis market when top-notch prices prevail.

Ozark dairymen report a net profit of more than \$100 per cow for 1913 in spite of the drought and high price of feed. Testing has enabled them to find the producer and discard the drone, and many co-operative dairy associations are making the dairy business more profitable. The man with milk on his shoes holds high standing with Ozark bankers for he has a bank of his own.

**FREE!** "The Truth About the Ozarks" with large list of farms for sale in best locality. Map. Durnell & McKinney, Cabool, Mo.

**HOWELL CO.** bargains. Farm, dairy, fruit and ranch lands for sale or exchange. West Plains Real Estate Co., West Plains, Mo.

**LAND BARGAIN** list sent free with particulars giving description of county, location and prices. Winona Land Co., Winona, Mo.

**I HAVE SIX** good farms in Wright, Texas and Douglas counties. Write for list. R. F. Baker, Mountain Grove, Mo.

**THE South Missouri Land Co.** will sell or ex. mdse., land, income prop. Descriptive pamphlet and list. Mountain View, Mo.

**SALES AND EXCHANGES** in lands and merchandise anywhere on earth. Co-operative Realty Company, Humansville, Mo.

**BARGAINS** in fruit, stock and grain farms in the Ozarks. Climate and water unsurpassed. G. G. Rice, Mammoth Spring, Ark.

**300 A.** and 500 a. farms, well imp., to exchange for mdse. Other timber land for sale, \$10 a. J. H. Engleking, Diggins, Mo.

**25,000 A.** timber land, imp. farms, Douglas and Ozark Cos. Best bargains on earth. Homeseekers Real Estate Co., Ava, Mo.

**IF YOU WANT** farms or stock ranches in the Ozarks of Missouri, write A. J. Johnston, McHats. Nat'l Bank Bldg., Springfield, Mo.

## WISCONSIN

**80 A.** Bayfield fruit district \$2,000. Terms. Other bargains. Deniston, Bayfield, Wis.

**30,000 ACRES** cut-over lands: good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

**SETTLERS ARE FLOCKING** to the clover and fruit lands of Orchard Valley, Wisconsin. Over 150 sales. Write for U. S. Gov't reports. E. F. Glenny, 311C Plymouth Bldg., Minneapolis, Minnesota.

**SETTLERS WANTED** for our Douglas Co. clay loam lands, western Wis., direct line between twin cities and twin ports. Unexcelled for clover and grain. Farmers Land & Cattle Co., Globe Bldg., St. Paul, Minn.

**CUT OVER LANDS** northern Wisconsin, excellent soil, close to Duluth and Superior. Right price to parties with cash desiring one to ten sections or more. Write for particulars. E. A. Moe, 309 Plymouth Building, Minneapolis, Minnesota.

**HOMESEEKER'S OPPORTUNITY.** We are offering our selected clay loam, cutover, hardwood lands, any sized tract, to actual settlers. In dairy, clover, corn and alfalfa section. Write for free booklet and map giving full particulars. Arpin Hardwood Lumber Co., Grand Rapids and Atlanta, Wis.

**THE MARSHFIELD DISTRICT.** \$500,000 paid out here monthly for cheese and butter. The country of big red barns; corn, clover and alfalfa successfully grown. \$2,500, part cash, buys 80 a. imp., 50 in cult. Close to town. Other good ones. Coles Land Agency, Marshfield, Wis.

**14 IMPROVED** corn, clover and dairy farms, near twin cities. Low prices. Easy terms. J. M. Hagan, New Richmond, Wis.

**WE OWN THESE FARM LANDS.** Northern Wisconsin, Ashland and Bayfield counties. On good roads. R.F.D., tel., good markets, excellent fruit, cattle and general farm lands. Write us for prices and terms. James W. Good & Co., Ashland, Wis.

**WE WANT SETTLERS** To locate on our hardwood cut-over lands. Clay loam soil, over 20,000 acres, selling in tracts of forty acres and up; terms 1/4 cash, bal. easy payments. Buy from the owners direct. C. K. & C. C. Ellingson, 200 Main Street, Hawkins, Wis.

**STOCK RAISERS—ATTENTION.** Why take chances on droughts and short feed? Rich clover and blue grass pastures can be obtained in Wisconsin, close to big markets, at surprisingly low prices. Plenty of rainfall, pure water, ideal climate for stock raising and dairy farming. Already settled and developed. South St. Paul stock yards only 50 miles away. We own practically all lands we offer. Have some improved farms. Maps and reliable information free. Baker, M 123, St. Croix Falls, Wis.

## GEORGIA

**SOUTHERN GEORGIA.** Stock raising, fruit growing, truck farming, corn, oats, hay, cotton. No floods, droughts, nor cyclones. Improved and unimproved lands. Easy terms. Thompson & Company, Homeland, Georgia.

## CANADA

**PARTY** owning fine half section in eastern Alberta, Canada, will sell at close figure to party who can pay cash or half cash, balance terms. E. F. Glenny, 311 Plymouth Building, Minneapolis, Minn.

**WE OWN 30,000 ACRES** of fertile land close to schools, churches and railway markets. \$500 cash will handle 160 acres equipped with implements and material to build a house and stable. Canada Lands Limited, Northern Crown Bk. Bldg., Winnipeg, Can.

**320 ACRES** close to Winnipeg, fully stocked; horses, cattle, pigs, etc.; good buildings. 180 acres cultivated, all implements included. \$18 per acre for quick sale. 500 other western Canadian farms for sale on easy terms or exchange. M. Meyers, Great West Realty Co., 415-417 Somerset Bldg., Winnipeg, Canada.

**WE OWN** and control large tracts of the best land for wheat and mixed farming in Western Canada. Also large number of improved farms, near railway and school for actual settlers. Prices \$8 per a. and up. Write the owners. Lands and Homes of Canada Limited, Winnipeg, Canada.

**WANTED.** Four farmers to buy 1,280 acres or 640 acres between them. Good locations. Easy terms. D. H. McDonald & Co., Land Owners, Winnipeg, Canada.

**FARM LAND SALESMEN WANTED.** A live representative in every town to sell choice, cheap Canadian lands. Prices \$10 per acre. Write for proposition. Scott Hill & Co., 22 Canada Life Bldg., Winnipeg, Man.

**MANITOBA** Settlers wanted for our A-1 farms. Prices are low. Terms easy. Good markets, roads, water. Agents wanted. Write OAKES-GRAY, WINNIPEG, MAN.

## COLORADO

**COLORADO** farm lands: \$8 per acre, \$1.00 down. Fifteen years' time on balance. T. H. Hagen, Board of Trade, Duluth, Minn.

**INVESTIGATE** the big land and town lot sale June 9th and 10th at Artesia, Colorado. For information address Artesia Development Co., Artesia, (Blaine P. O.) Colorado.

**DAIRY FARM** and garden tract bargains: 240 a., imp., 2 ml. town; half shallow water land, \$2,400, terms, 160 a., all natural hay land; water anywhere under land at 6 feet; 1 mile town; \$4,000, 5 acre garden and chicken tract, near car. free water, price \$1,500. F. James, 1734 Welton St., Denver, Colo.

## Homesteads

A few of the best 320 acre homesteads and relinquishments left at \$100.00 up, according to improvements, etc. Best schools, churches, people, soil, climate, crops, water, fat range stock. Places and prices that will not last. Best part of Colorado and the West. R. T. Cline, Towner, Colorado.

## FLORIDA

**THE GATEWAY** to the Everglades, Southern Florida's coming big city. Lots, lands, fruits, profits, unexcelled. Parker & Ausherman, Ft. Lauderdale, Fla.

## WHAT BREEDERS ARE DOING

**FRANK HOWARD,**  
Manager Livestock Department.  
**FIELDMEN.**

A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan.  
John W. Johnson, N. W. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan.  
C. H. Walker, N. E. Kansas, N. Missouri, 1326 East 37th St., Kansas City, Mo.  
Ed R. Dorsey, S. E. Kansas and S. Missouri, Girard, Kans.  
Jesse R. Johnson, Nebraska, Lincoln, Neb.

### PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

### Poland China Hogs.

Oct. 20—U. S. Byrne, Saxton, Mo.  
Oct. 21—H. B. Walter, Effingham, Kan.  
Oct. 22—H. C. Graner, Lancaster, Kan.  
Oct. 24—Wm. R. Zahn, Concord, Ill.  
Oct. 28—Walter Hildwein, Fairview, Kan.  
Oct. 30—Pritchard & Martin, Walker, Mo.  
Feb. 5—H. L. Pritchett, New London, Mo.  
Feb. 15—Joshua Morgan, Hardy, Neb.  
Feb. 17—J. H. Harter, Westmoreland, Kan.  
Feb. 26—W. E. Epley, Diller, Neb.

### Duroc-Jersey Hogs.

May 7—W. S. Alfred & Sons, Enid, Okla.  
Aug. 20—W. W. Otey & Sons, Winfield, Kan.  
Oct. 21—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.  
Feb. 9—Howell Bros., Herkimer, Kan.

### Jersey Cattle.

Sept. 22—H. C. Johns, Carthage, Mo.

### Combination Livestock Sales.

June 1 to 6—F. S. Kirk, Mgr., Enid, Okla.  
Nov. 2 to 7—F. S. Kirk, Mgr., Enid, Okla.  
Jan. 4 to 10—F. S. Kirk, Mgr., Enid, Okla.  
Mar 1 to 6—F. S. Kirk, Mgr., Enid, Okla.

## Joins the Capper Staff

We are glad to announce the appointment of Jesse R. Johnson as a representative of the Capper Farm papers. Mr. Johnson's territory will be the state of Nebraska, with a few special assignments in northern Kansas. He will specialize as livestock representative of the Nebraska Farm Journal, but will fully represent all the Capper papers in this department in Nebraska.

Mr. Johnson is well known in livestock and newspaper circles. In point of service he is the oldest solicitor of livestock advertising in the territory, and probably has a larger personal acquaintance among the breeders of purebred livestock than any other man in the territory. The appointment of Mr. Johnson is but another move in the policy of the Capper Farm Papers to give their patrons the best possible service.

## S. W. Kansas and Oklahoma

BY A. B. HUNTER.

### Bargains in Durocs.

The above caption is the display part of the ad of C. D. Woods & Sons, Elmdale, Kan. Mr. Woods is offering a number of

## NORTH DAKOTA

### NORTH DAKOTA LANDS DIRECT.

We have listed with us to sell several hundred thousand acres of choice North Dakota lands. To obtain settlers along our 1,200 miles of track in North Dakota we will sell these lands at cost. Prices are about one-fifth those asked in Iowa or Illinois and agricultural possibilities are just as great. Roads, schools, churches, railroads all established. For literature and particulars write J. S. Murphy, Minneapolis, St. Paul & Sault Ste. Marie Railway Co., (Soo Line) Minneapolis, Minn.

## NEW YORK

**157 ACRES,** 10 room house; barn 40x60, 35 cow stalls. Also stock and tools. Silo, horse barn 30x40; fruit, hen house, running water to buildings. 25 fine Holstein cows, pair horses, all tools, hay, grain; only \$6,000. \$2,000 cash, bal. time, 5% interest. Catalog No. 1028. Hall's Farm Agency, Owego, Tioga Co., N. Y.

## McBurney's New York Farms

Are the best for the least money. Come and see. McBurney & Co. Bastable Block, Syracuse, New York. Or, for list, write to McBurney & Co., Fisher Bldg., Chicago, Ill.

## \$4200 Buys Farm Complete

Team, 10 Cows, Full Equipment. Good 105-acre money-making farm, all stocked and equipped, ready for business, you can move in today and make profits immediately; only 1/2 mile to store and post-office, 1/4 mile to station and creamery; level productive acres, splendid pastures, 15 acres wood, lots of fruit; new 8-room house, barn for 19 cows; low taxes; if taken at once, team, 10 cows, harness, wagons, valuable machinery, tools, all yours, only \$4,200, part cash; see full details, page 1. Spring List of Farm Bargains just out; copy FREE. E. A. Strout Farm Agency, Station 200, Union Bank Bldg., Pittsburg, Pa.

well bred fall gilts and three extra good boars at prices ranging from \$15 to \$20. Look up the ad in this issue and write for particulars concerning breeding and weights. Please mention Farmers Mail and Breeze.

### Extra Good Duroc Boars.

W. R. Huston, Americus, Kan., is making reasonable prices on good Duroc fall boars. They are cherry reds, lusty, strong and active and ready for hard service; all immune. He is also offering a dandy junior yearling by Golden Model 3d and out of a Belle's Chief dam, one of his very best herd sows. Here is a hog that will be a great help to some good herd. Write Mr. Huston or call and see these good boars. Please mention Farmers Mail and Breeze.

### Good E. Nuff Again King.

Any of our readers wanting strictly high class, richly bred Duroc-Jerseys should correspond with W. W. Otey & Sons, Winfield, Kan. They are offering 40 sows and gilts at reasonable prices. The sows are bred to Good E. Nuff Again King, grand champion of Kansas State Fair 1913 and a part of the gilts are sired by him. The Otey sale of March 11, 1914, averaged \$62.12; the attraction of the sale being sows bred to this sensational champion. In addition to the sows Messrs. Otey have the best lot of early spring pigs they have ever raised. When writing this firm please mention this paper.

### Sired by Graduate Col.

One of the greatest breeding boars in Kansas is Graduate Col., owned by G. C. Norman of Winfield, Kan. Some of the highest selling Duroc-Jerseys in Kansas this year were sired by this good boar. The Graduate Col. kind pleases the buyer. Under date of April 8, J. W. Strader & Sons of Yukon, Okla., wrote Mr. Norman as follows: "Please find check for \$50 to pay for the hog that Mr. Ticer ordered for us. We received the hog all O. K. and are well pleased with him." The pig referred to is sired by Graduate Col. and out of Heiress Royal, farrowed September 3, 1913. If you want a good Graduate Col. boar or some gilts sired by Graduate Col., write G. C. Norman, Winfield, Kan., and mention the Mail and Breeze.

### Last Call to Alfred's Duroc Sale.

Alfred & Sons, Enid, Okla., invite you to attend their fourteenth annual sale of Durocs, Thursday, May 7. This will be the last Duroc sale of importance this season and this offering of 50 bred sows and gilts should not only attract breeders from a distance but the farmers for miles around are short on brood sows and these hogs will go none too high for them to buy and lay the foundation for better hogs. It is useless to go into detail in this article, explaining the breeding of this offering. When you turn to the display advertising in this issue and read it carefully you will note they are bred in the purple and when you come to the sale, May 7, those of you who are regular patrons of the Alfred herd will note this 60 head excels any of their previous offerings. Write for catalog today, mentioning this paper.

### Lookabaugh's Avondale Purchase.

H. C. Lookabaugh, Watonga, Okla., recently purchased from the Carpenter & Ross herd, Mansfield, Ohio, \$3,800 worth of Shorthorns, all sired by Avondale or bred to one of his sons, Avondale Jr., one of Avondale's outstanding sons, was included in this purchase. He will surely have to be reckoned with at the coming shows. He is a massive dark roan with beautiful head and wonderful depth, perhaps the thickest bull Avondale ever sired. He is the stamp that will make a great sire. On the dam side he is out of Imp. Gwendoline. This family has produced many noted winners including the English and American grand champion Choice Goods, that sold for \$10,000. His sire, Avondale, made the show circuit for six years and met and defeated all the great bulls of his time. His get has won first at the International the last five years. He was also the sire of great milkers; heifers sired by him have won first three times in the dairy class at the Chicago International.

### Immune Boars and Gilts.

A great many of our readers will doubtless be interested in the card announcement of G. M. Shepherd of Lyons, Kan., in which he is offering for sale Duroc-Jersey fall boars and gilts. These hogs are selected from large litters which represent the best of Duroc-Jersey breeding. They have both size and quality and are immune from cholera. This is about all anyone can ask in making selections of Duroc-Jersey breeding stock. The prolificness of Mr. Shepherd's herd is shown by the record of one of his sows, King's Lady, a daughter of G. M.'s Col., farrowed April 15, 1911. This sow, at the age of 2 years, 9 months and 7 days, has farrowed 73 pigs. On April 9, 1913, she farrowed 18 pigs; on October 5, 1913, 14 pigs; on March 22, 1914, 15 pigs, making a total of 47 pigs in 11 months and 13 days. Mr. Shepherd is submitting this record to show that he has Brother Norman's record beaten. If interested in these good hogs write Mr. Shepherd and mention Farmers Mail and Breeze.

## N. W. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

W. E. Evans, Jewell, Kan., is offering registered Guernsey bulls for sale which will be old enough for service this fall. His advertisement appears every week in the Jewell county breeders' section and Mr. Evans is a member of the Jewell County Breeders' association. His Guernsey herd, while small in numbers, is as good as you will find in the West. His farm adjoins town and he will be pleased to have you come and see his Guernseys. Write him for descriptions and prices.

The Riley county Poland China bred sow sale circuit will be pulled off again next February and the dates are practically the



same. It will start this time with J. H. Harter at the Agricultural college, February 17; J. L. Griffiths at Riley, February 18; A. J. Swingle at Leonardville, February 19. Hubert J. Griffiths at Clay Center has been taken in and will close the circuit at Clay Center, Saturday, February 20. This arrangement has been made to better accommodate those who desire to attend.

J. D. Willifong of Zeandale, Kan., writes that he has had a good trade on bred gilts this spring but still has a few gilts bred for May and June farrow. He also has some fall boars and a few yearling boars for sale. Mr. Willifong is offering his herd boar, Big Mogul by Mogul's Monarch. He will be sold for no fault but because Mr. Willifong will not be able to use him longer. He is a sure breeder and a sire of big, even litters. Mr. Willifong will soon be ready to price spring pigs. In fact you can write him any time for prices and descriptions. "Pigs by parcel post," is the way he writes it. Mr. Willifong is a well known and reliable breeder and you better get in touch with him.

#### A Good Clay County Herd.

Hubert J. Griffiths of Clay Center, Kan., is a Poland China breeder that has grown up in the business. His herd on his nice well improved farm, a few miles west of Clay Center, is up-to-date in breeding and good individually. Mr. Griffiths has always enjoyed a good trade and his order customers have been his best customers. At the head of his herd is a Big Orange Again, sired by Big Orange Again and now 2 years old. His dam was Chief's Price Again by Chief Price Again. He is offering five September boars by him at very reasonable prices. The writer visited Mr. Griffiths and family last week and was shown his herd of Poles. "Burt" Griffiths as he is better known to his friends is a Poland China breeder that is making his influence felt for better Poland Chinas. He is intensely interested in the business and is making a host of friends for himself and his splendid herd of Poles.

#### Nebraska Poles.

J. H. Hamilton & Son, the big type Poland China breeders at Guide Rock, Neb., are offering eight fall boars for sale. They are out of their best herd sows and were sired by Referendum Jr. by Referendum, he by Model Price and out of White Face Queen, A. N. Waechter's great sow. Referendum was bred by the Waechters and is now in service in H. B. Walter's herd at Effingham, Kan. J. H. Hamilton & Son are well known breeders of big type Poland Chinas and are among the very oldest breeders in the state. Until last season they have always exhibited at the Nebraska State fair and at the Interstate fair at St. Joseph. Their annual bred sow sales are always well attended and Kansas buyers have found them always reliable and the best of people to deal with. They have claimed February 3 as the date of their next season's bred sow sale. In fact a circuit has been organized commencing with John Kemmerer, Mankato, Kan., February 2; Hamiltons, February 3; and Albert Smith & Sons, Superior, Neb., the 4th. If you are in the market for a good fall boar that is bred right and promising write them for descriptions and prices of these boars.

#### Expansion's Last.

Ward Brothers, Republic, Kan., are breeders of Duroc-Jerseys that are well and favorably known to Kansas and Nebraska breeders in particular and to about all of the breeders of Durocs in other states. The writer visited their herd last week and was shown the best herd boar prospect he has seen in a long time. Expansion's Last is a September 2 yearling sired by Expansion. His dam was Crimson Flower 2d by Clipper Lad, by Crimson Clipper, by Crimson Wonder Again. Her dam was sired by Brigg's Crimson by Belle's Crimson Wonder. This is very likely the most intensely Crimson Wonder bred sow in the country and has proven herself a wonderful producer. This great son is not the only good one she has produced and this young fellow has a litter sister that is equally as good. Old Expansion was in Ward Brothers' herd for a long time and was a splendid sire of unusual scale. The Wards have some extra good fall gilts sired by Cherry Model, by old Model H., that are going to be reserved for their bred sow sale this winter, of which we will have more to say later. The Wards have a fine lot of Scotch terrier puppies for sale. Write them if you want one.

#### September Boars.

J. L. Griffiths of Riley, Kan., is offering a few extra choice Poland China September boars for immediate sale. They are the very tops of 20 head and will be sold at attractive prices. They are immune, out of mature sows and will have wonderful size if properly grown out. Those familiar with the type Mr. Griffiths maintains in his herd will be ready to appreciate this opportunity to buy herd boar material. This herd is the home of King of Kansas. He will be 2 years old the 2d of next August and is without question one of the great herd boars. He was sired by Long King's Equal and out of an A Wonder and is a litter brother to King of All, the herd boar now at the head of Mr. Lawson's herd. King of Kansas bred sows sold for the high dollar in Mr. Griffiths' bred sow sale February 18 last and some of the best litters we have seen anywhere are by him. His dam was easily an 800 pound sow. The ancestry back of this sire is the most popular breeding of the day and King of Kansas is worthy in every respect. If you can use a good September boar at a very reasonable price write Mr. Griffiths at once, mentioning his advertisement in Farmers Mail and Breeze.

#### A Good Jewell County Herd.

John Kemmerer of Mankato, Kan., is one of Jewell county's well known Poland China breeders that we visited last week. He is an active member of the Jewell County Breeders' association and his card can be found in the Jewell county breeders' advertising section in Farmers Mail and Breeze the year round. There are two great breeding boars doing service in this herd and it is hard for the writer to decide in his own mind which is the most valuable. Jumbo Ex., by Expansive, is a 3-year-old and is the sire of almost all of Mr. Kemmerer's herd sows and those who attended his bred sow sale in February had occasion to note the high quality of these sows. He is a wonderful sire and one of the very best in the state. Nebraska Chief is the other boar mentioned. He was sired by Jumbo Jr., Albert Smith & Sons' great breeding boar. He was bought at a good long price

from C. C. Ingram, Bloomington, Neb., last fall, and was a noted sire in that part of Nebraska and Mr. Kemmerer bought him because of that fact. He is the sire of about one-third of the spring pigs; the balance of the spring pigs and the nice lot of fall gilts are by Jumbo Ex. Mr. Kemmerer started the Kemmerer, Hamilton and Smith bred sow sale circuit the first week in February. Long King's Best Son by Long King's Best is a yearling boar that is making an extra good cross on Jumbo Ex. sows. His dam, Guy's Best, is a sweepstakes sow that H. B. Walter paid over \$200 for. Look up Mr. Kemmerer's advertisement in the Jewell county breeders' section. He is about half way between Mankato and Jewell and has one of the best improved farms in the county. Visitors are always welcome.

#### Pioneer Poland China Herd.

J. F. Foley of Oronoque, Kan., is the pioneer Norton county breeder of big type Poland Chinas and the foundation stock of several other good Norton county Poland China herds originated from Mr. Foley's herd. He has always kept abreast of the times in up-to-date breeding and the best of individuals. His spring crop of pigs numbers 75. They are by four different herd boars and are, indeed, a showy lot of youngsters. The Giant, by Big Ben and out of a Mammoth King dam, is a yearling boar that promises great things. He is big, smooth and good from end to end. He is one of the best prospects the writer has seen in a long time. He was bred by J. W. Pfander of Clarinda, Iowa, and his breeding on both sides is famous in Iowa. F's Glantess, his dam, is also in Mr. Foley's herd and is a great brood sow. Some of the pigs are by Hercules and a good litter by Blain's Last Hadley. Also a good litter

#### LIVESTOCK AUCTIONEERS.

**W. C. CURPHEY, Salina, Kansas**  
Write, phone or wire for dates. Address as above.

**BOYD NEWCOM** Wichita, Kansas.  
Livestock and Real Estate Auctioneer. Write, wire or phone for date.

**Spencer Young, Osborne, Kan.**  
Livestock Auctioneer. Write for dates.

**D. F. Perkins, Concordia, Kan.**  
Livestock Auctioneer. Write, wire or phone for dates.

**JESSE HOWELL** Herkimer, Kan.  
Livestock Auctioneer. Write or phone for dates.

**J. P. Oliver** Newton, Kan. Livestock and Real Estate Auctioneer. My 20 years experience insures better results.

**W. B. Carpenter** Livestock Auctioneer  
1400 Grand, KANSAS CITY. Also Land Salesman

**B. O. BROADIE** Livestock Auctioneer  
Satisfaction guaranteed Winfield, Kas. Write or phone for dates

**G. A. Drybread** The Auctioneer  
Elk City, Kan. Live Stock and Farm Sales made anywhere. Prices reasonable. Give me a trial. Satisfaction guaranteed.

**FRANK J. ZAUN**  
FINE STOCK AUCTIONEER, INDEPENDENCE, MO.  
"Get Zaun. He Knows How." Bell Phone 675 Ind.

**JAS. W. SPARKS** Live Stock Auctioneer  
MARSHALL, MO.

**L. R. BRADY** Manhattan, Kansas  
Livestock Auctioneer Write or wire for dates.

**Will Myers** Beloit, Kan. Is already booked on leading breeders' sales in Central Kan. Choice dates still open. Write or wire.

**W. A. Fisher, White City, Kan.**  
Livestock Auctioneer. Write or Phone for dates.

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**MISSOURI AUCTION SCHOOL**  
Largest in the World. W. B. Carpenter, Pres  
1400-04 Grand Ave., Kansas City, Mo.

**POLLED DURHAMS.**  
**Sleepy Hollow Polled Durham Cattle**  
12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

**HEREFORDS.**  
**REGISTERED HEREFORDS For Sale**  
Two year old double standard polled bull; eighteen bred horned cows; polled and horned yearling bulls. JOHN M. LEWIS, LARNED, KANSAS.

**Clover Herd Herefords**  
Headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

**FOR SALE**—Bulls from 6 to 12 months old, at \$75 to \$100. Also 15 extra good 9-year-old cows, by Garfield 4th, all bred to calve in spring.  
**F. S. Jackson, Topeka, Kansas**

#### SHORTHORNS.

### SHORTHORN BULLS

Fashionably bred young bulls, by Roan King and Refiner, two Wisconsin bred sires and out of milking strain dams. They are the kind that make good for both dairy and beef. Levi Eckhardt, Winfield, Kan.

### Cedar Lawn SHORTHORNS

A fine lot of Scotch and Scotch Topped bulls ranging in ages from 8 to 15 months. Priced low considering quality and breeding. Also my two-year-old, Big Orange, herd boar at a bargain.

**S. B. AMCOATS, Clay Center, Kan.**

### Shorthorn Bulls

Two 18 months old and eight yearlings. Reds and roans. Got by pure Scotch sires. A grand lot of young bulls. Prices reasonable.

**L. M. Noffsinger, Osborne, Kan.**

### Shorthorn Cattle

A few good cows for sale, safe in calf to herd bull Baron Cumberland. Four nice young bulls, one red, two roans, one white. The white one, a real herd bull. Ask for his breeding. We made 1,000 pounds of butter from herd in 1913.

**DR. W. C. HARKEY, LENEXA, KAN.**

### Pearl Herd of Shorthorns

About 20 choice young bulls, spring calves. Either Scotch or Scotch Topped breeding. Well grown and in good growing condition. Can ship via Rock Island, Santa Fe or Union Pacific. Write for prices and descriptions. Address

**C. W. TAYLOR**

**ABILENE : : KANSAS**

#### DAIRY CATTLE.

### LINSCOTT JERSEYS

Only Register of Merit herd in Kansas. Choice heifers and cows at \$100.00 and up. Bulls \$50.00 to \$150.00. Breeding and individual quality the very best obtainable. R. J. LINSCOTT, Holton, Kansas

### SOMMER-BLADS GUERNSEYS!

TUBERCULIN TESTED.

Headed by Goodwills, Raymond of the Preel, son of Imp. Raymond of the Preel. Grade and registered females for sale, also registered bulls.

**ERNEST KENYON, Nortonville, Kansas**



### Johnson's Shetland Pony Farm

Write me regarding Shetland Ponies. I have for sale 40 to 50 head of fine ones, spring colts, yearlings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand.

**H. H. JOHNSON, CLAY CENTER, NEBRASKA.**

### JET BLACKS AND RICH DARK GREYS

Big for their age, one weighs 2110 lbs., one 2160 lbs., and a yearling 1740 lbs. 9 coming three-year-old studs, 11 coming two-year-old studs, and 6 coming four-year-old studs. Registered Percherons and straight sound. You cannot get better money-makers. Foaled and grown on the farm and offered at farmer's prices. Trains direct from Kansas City and St. Joe.

**FRED CHANDLER, Route 7, Chariton, Iowa**



### Bergner & Sons' German Coach Horses

German Coach Stallions at prices you will be able to pay for at one season's stand. Also mares and fillies; all good bone with plenty size, style and action and the best general purpose horse that has ever been imported. The St. Louis Fair Champion Milon 3159 and the Kansas State Fair prize winner Mephistoles 4221 at head of herd. We are pricing these horses to sell and guarantee satisfaction. Write today or call soon.

**J. C. BERGNER & SONS, Waldock Ranch, PRATT, KANSAS.**

### Lamer's Percheron Stallions and Mares

**BUY NOW while there is the most of Variety to select from**  
**C. W. LAMER, Salina, Kansas**

### Monarch No. 1 Dip

The Best for Cattle, Horses, Sheep, Poultry and Hogs.

Sure death to Lice and Ticks. Cures Scab and Mange. Cures Cholera, Roup and Gapes, Chases Flies. Cures Collar Boils and Barb Wire Cuts. Kills Disease Germs and Prevents Hog Cholera.

**GUARANTEED BY ROC. CHEMICAL CONCERN, LINCOLN, NEBR.**

IF NOT SOLD IN YOUR TOWN WRITE TO US.

#### DAIRY CATTLE.

**HOLSTEIN BULLS** Registered, ready for service; also springing high grade heifers for sale. Springdale Stock Ranch, Concordia, Kan.

**HOLSTEINS** —CHOICE BULL CALVES  
**H. B. COWLES, TOPEKA, KANSAS.**

**RIVERSIDE HOLSTEINS**  
Registered bull calves for sale. 1 six mos. old, extra fine and large, from best milking strains. W. H. Boughner, Downs, Kan.

**HIGGINBOTHAM'S HOLSTEINS**  
60 head of cows and heifers—registered and high grade. Also a few registered and high grade bull calves. HIGGINBOTHAM BROS., ROSSVILLE, KANSAS

### Oak Hill Holsteins

Bulls ready for spring service by Shadybrook Gerben Sir Korndyke out of A. R. O. dams. All tuberculin tested. Absolute satisfaction guaranteed. State your wants fully in first letter—I can fill them.

**BEN SCHNEIDER, NORTONVILLE, KAS.**

### Fancy Grade Holstein Cows

2 to 6 years old, all tested and guaranteed sound, good udders and good tests. They are large, often weighing 1,700 pounds. There is no better market for the Kansas crops than the dairy route. In no other way can the present high priced feed be turned into as much profit as by the Holstein cow. A good feeder and a conscientious milker. Write or call.

**W. G. MERRITT & SON, GREAT BEND, KAN.**

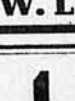
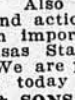
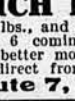
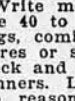
#### JACKS AND JENNETS.



### Leavenworth County Jack Farm

25 jacks and jennets for sale; good individuals and bred right. Farm located between Atchison and Leavenworth on Santa Fe.

**CORSON BROTHERS, POTTER, KANSAS.**



### Jacks and Jennets

25 head of Black Jacks from 14½ to 16 hands coming 3 to 6 years old; all stock guaranteed, as represented when sold. Also some good jennets.

**PHIL WALKER**

Moline, Elk County, Kansas.

### JACKS

The kind all are looking for. Large, boned black mammoth Tenn. and Ky. jacks, 2 to 6 years old, guaranteed and priced to sell. All broken and prompt servers. Reference, banks of Lawrence, 40 miles west of Kansas City on U. P. and Santa Fe.

**AL. E. SMITH, Lawrence, Kan.**

#### PUREBRED HORSES.

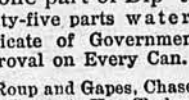
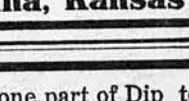
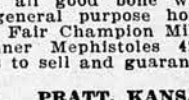
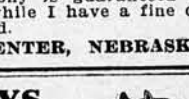
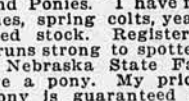
**Excelsior Shetland Pony Farm**  
Registered and High Grade Ponies for Sale

**W. H. Fulcomer**  
Belleville, Kan.

### STALLIONS FOR SALE

One high class, gaited saddler, coming three-years-old, with size, style and speed. Saddle and harness broke. Also two black Percherons, 4 and 5 years old. All registered and sound.

**E. E. CARVER & SON, GUILFORD, MISSOURI.**





## RED POLLED CATTLE.

**FOSTER'S RED POLLED CATTLE** Write for prices on breeding cattle. **C. E. FOSTER, R. R. 4, Eldorado, Kansas.**

**Red Polled Cattle** Choice young bulls under 10 months for sale. Best of breeding. Write, or better come and see. **CHAS. MORRISON & SON, Phillipsburg, Mo.**

**Red Polled and Galloway Bulls** for sale. All registered. Twenty-five of each; extra choice animals from 12 to 18 months of age. Call at Fort Larned Ranch or write. **E. E. FRIZZELL & SONS, Larned, Kansas**

## RED POLLED CATTLE

Choice Young Bulls. Several good enough to head good herds—heavy boned, broad headed, breezy kind. Show prospects. Also a few cows and heifers. Visitors welcome. Call or write. **I. W. POULTON, Medora, Reno Co., Kan.**

## ABERDEEN-ANGUS.

**ANGUS CATTLE** A select lot of ready-for-service bulls for sale, best breeding and right individually. **W. G. DENTON, Denton, Kansas**

**Angus Bulls and Heifers** **SUTTON FARM**

Have 30 splendid heifers and 30 extra good bulls priced to sell. Write us today. **SUTTON & PORTER, R. 2, Lawrence, Kan.**

## O. I. C. HOGS.

**O. I. C. PIGS, LARGE TYPE.** Pairs, \$15.00. **Harry W. Haynes, Meriden, Kansas.**

**Tried Sows** and bred gilts, also registered boars. **Henry Kamping, Elmore, Kansas.**

**O. I. C. Fall Boars and Gilts** Also bunch to select from. Also booking orders for spring pigs, both sexes. **F. C. Gookin, Russell, Kan.**

**O. I. C.'s** Bred sows and gilts, fall and spring pigs in pairs and trios no kin. **SEED CORN:** Reid's Dent and Cartner varieties, \$2.50 per bu. shelled. Also eggs for setting. **S. O. R. I. Reds \$1 per setting, \$5 per 100.** **JOHN H. NEFF, Booneville, Missouri**

**Grandview Stock Farm** Herd headed by O. K. Wonder. Choice O. I. C. May boars. January and May gilts bred or open. Priced for quick sale. **ANDREW KOSAR, DELPHOS, KANSAS.**

**Edgewood O. I. C's.** Booking orders for spring pigs by Progressor 2865. Tonganoxie Chief 3107, Burr Oak Model 3290, Bell Metal 3100, Herd Improver 32438, Orange Blossom 3236. Pairs and trios no kin. **Henry Murr, Tonganoxie, Kan.**

## URIEDALE HERD O. I. C.'S

**URIE BOY** by Don Magna, out of a litter of 24, heads the herd. The most unique hog plant in the country. Size, prolificness, quality and cleanliness. Sows of best breeding. Booking orders now for spring pigs at weaning time. **W. T. URIE, BOX 93, INDEPENDENCE, MISSOURI.**

## 400 CHESTER WHITE PIGS ON 400 MAPLE LAWN STOCK FARM 400

They are bred by Illinois Protection 22233, Maple Lawn Prince 24513 and many other noted boars. We sell our best pigs delivered anywhere in the United States at \$25 each or \$45 a pair. Shipped on approval, CASH to accompany EACH ORDER. We pay express. **EDWARD ROSS & SON, White Hall, Illinois.**

## BERKSHIRES.

**BUY BERKSHIRES FROM BAYERS.** They sell SHORTHORN BULLS too. **J. T. BAYER & Sons, Yates Center, Kan.**

**Hazlewood's Berkshires!** A few good bred sows and gilts. Write today. **W. O. Hazlewood, Route 8, Wichita, Kan.**

## Walnut Breeding Farm

**BERKSHIRE** boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 77000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. **Leon Waite, Winfield, Ks.**

## KIESLER FARM BERKSHIRES

Herd headed by Grand Leader by the champion, Superbus; Rivaler and Starlight Premier 6th. Fall boars, fall gilts, bred or open and spring pigs—the kind that were good enough to win at the International and Berkshire Congress. Herd immune, correspondence a pleasure, prices reasonable. **A. J. McCauley, Prop., PERRYVILLE, MO.**



**Sutton Farm Berkshires**

by Blue Valley Look by First Look. Blue Valley Look is one of the great herd boars in service in this herd and a half interest in him was sold last fall to Mr. Foley's neighbor breeder, C. F. Behernt. The herd sows are surely attractions and many of them are by Blain's Last Hadley. Mr. Foley bought Blain's Last Hadley from John Blain when he was closing out his herd and he has always been considered by those who had an opportunity to see him to be one of the very best Hadley boars ever sired by that famous sire. He has proven a wonderful sire of sows and many of the best sows in this herd are by him. Mr. Foley has a few good October boars that he will price right to move them quick. Look up his card in Farmers Mail and Breeze and write him.

## A Good Average.

**R. P. Wells, Formoso, Kan.,** has 50 Duroc-Jersey pigs of spring farrow. His sows farrowed an average of 10 pigs, saving an average of eight. They are as attractive a lot of spring pigs as the writer has seen this spring. It will be remembered that Mr. Wells topped the Rock Island Duroc-Jersey sales last winter, paying \$100 for number three in the Rinehart & Son sale at Smith Center, January 31. She was sired by Ramber's Wonder and out of Rinehart's great sow, Belle Teagarden. Mr. Wells's friends will be pleased to know that she farrowed 11 pigs and is raising 10, and they are dandies. Their sire is Model Here by Golden Model, the great show and breeding boar. Another good buy that Mr. Wells made last winter was number 12 in the same catalog which was a splendid gilt sired by Dreamland Col. and out of Muncie's Dream, the 1100 top in the Leon Carter sale a year ago last winter. This sow has as fine a litter as the writer ever saw. They certainly are great. A good percent of the 50 pigs are by Crimson Defender by I Am A Crimson Wonder 2d. He is 1 year old and Mr. Wells bought him from Mr. R. G. McDuff of Munroe, Iowa.

## N. E. Kansas and N. Missouri

BY C. H. WALKER.

Col. Frank J. Zaun.

One of the most important points in connection with any sale of pedigreed livestock is to have an efficient auctioneer in charge. It is doubtful if there ever was a time when a good auctioneer couldn't make a great deal more than his charges and in many instances it means the success or failure of the sale. To the many breeders who are contemplating sales of purebred livestock this fall the problem of securing the right kind of a man to conduct their sale should be an easy matter. Col. Frank J. Zaun of Independence, Mo., is the solution. Col. Zaun is one of the best known auctioneers in this section and the years he has been successfully conducting sales is his best recommendation. Each year added to his long experience makes him better and he is in a better position than ever to give value received. Because of his ability Col. Zaun's services are in strong demand and an early booking will be to an advantage.

## Dooley's Spotted Poles.

Each year Edgar Dooley of Eterville, Mo., proprietor of the Eterville Breeding Farm herd of Spotted Poland Chinas, does a heavier business than the year preceding. This is a mighty good indication that his stock pleases. Selling around 300 head of pigs each year on mail order and giving perfect satisfaction to every customer is not a small task, but that is Mr. Dooley's record for several seasons past. He has shipped his spotted Poles to eight or 10 different states. His trade each year is made up largely of old customers, men who know they will get value received when they buy of Dooley. New customers are added each year and Mr. Dooley's business grows in proportion to the output of the Eterville Breeding Farm. Prince Warrior by Big Jim a full brother to Brandywine; Billy Sunday, Big Joe and other well known spotted boars head this herd and they are responsible for a great lot of big, strong, prolific litters each year. Sows by Eterville Chief, Budwiser, Brandywine, Billy Sunday, Big Jim, Clipper and Big King comprise the sow herd and are further reasons why the product from this breeding establishment finds favor with those who know and want the best. Mr. Dooley has a fine lot of spring pigs on hand now and is booking orders on them to be shipped at weaning time. Pairs and trios can be furnished not akin and attractive propositions are being made for boars and gilts in lots of two, three and four. Mr. Dooley will be pleased to hear from those interested in this popular breed. Write him for prices and further information of the stock he has for sale. Kindly mention this paper when writing.

## The Kiesler Farm Berkshires.

Down in picturesque Perry county, one of the prettiest sections of Missouri, is located the Kiesler Farm Berkshire herd, owned and managed by A. J. McCauley. While Mr. McCauley hasn't been breeding Berkshires for a great many years, not a minute of the time he has been in the business has been lost and his herd today from a standpoint of individual quality, herd boar and herd sow strength and the splendid equipment for carrying on a big breeding establishment ranks with the oldest and best herds of the corn belt. Something like 24 individual lots 42x200 feet, with individual houses, sheltered cement pools, a natural drainage, a complete water system with pipes running to all sections of the 40 acres, a central feed house where the feed is ground by electricity and conveyed to the individual lots by trolley—these are only a few of the many up-to-date features of this modern Berkshire ranch. It is only fitting that such a plant should be the home of such herd boars as Grand Leader 184800, Rivaler 190548 and Starlight Premier 6th 144298. Grand Leader is a yearling son of Superbus, the American Berkshire Congress champion of 1913, and was himself a winner at that show and gives every indication of developing into one of the best boars of the breed. The dam of Grand Leader is Hopeful Duchess 9th, a full sister to Hopeful Leo 2d, the many times state fair champion. Mated with daughters of Rivaler and later when daughters of Rivaler are mated to him Mr. McCauley may rightfully expect something extra good. Rivaler, the boar that sold for \$1,000, is well known as one of the leading boars of the breed. He is a son of Lord Premier's Rival and a litter mate to Rival's Last. But these are not his only claims to greatness. His is great because of his ability to sire the kind of

## HAMPSHIRE.

**Registered Hampshires** Spring boars and gilts priced to sell. Every hog properly vaccinated. **C. E. LOWRY, OXFORD, KANSAS**

## Pure Bred Hampshires

Some extra choice, immune, fall pigs, both sexes, not related. **ALVIN LONG, Lyons, Kansas**

## SPECIAL PRICES

on Pedigreed young Hampshire boars, bred sows and gilts. Call on or write, **J. F. PRICE, Medora, Kan.**

## SUNNY SLOPE FARM

## HAMPSHIRE

## HOGS WITH QUALITY.

This spring's crop of pigs is the best and strongest I've ever raised. Orders booked for pairs and trios. If I can't please you I don't want your money. **FRANK H. PARKS, Olathe, Kansas**

## DUROC-JERSEYS.

## "Red, White and Blue" Duroc Herd

I am offering high class gilts bred for August farrow. Also high class service boars. Booking orders for weaned pigs from my American Royal winning brood sows. Pigs sired by "Firestone," my Champion boar, James L. Taylor, Olsen, Miller Co., Mo.

## An Extra Good Duroc Boar

By Golden Model 3rd 117887. Also good fall boars sired by Country Gentleman 185441 and Village Farm Chief 142637, bred good enough for anybody. All guaranteed immune and priced worth the money. Call or write today. **W. H. HUSTON, America, Kan.**

## GOOD E. NUFF AGAIN KING 35203

The sensational Grand Champion of Kansas State Fair 1913 heads our great herd. Sale average March 11, \$62.12. 40 great sows and gilts for sale. Price right. **W. W. OYE & SONS, WINFIELD, KANS.** "The men with the guarantee."

## COLNELL WONDER

the Mo. champion heads herd. 100 spring pigs at \$15 each. Will pay express on all orders booked by May 1. Also bred gilts and last spring boars. **CHAS. L. TAYLOR, Olathe, Mo.**

## Smith's Durocs

Fashionably bred boars, including grandsons of the great Graduate Col., and a herd-leading son of the champion, Tattarax. Also spring boars. **J. B. SMITH, NEWTON, KANSAS**

## MAPLEWOOD DUROCS

Boars all sold. 40 open and bred gilts for sale. Will ship on approval. Write for prices. **W. H. MOTT, HERINGTON, KANSAS**

## QUIVERA HERD DUROCS

Am now receiving orders for spring pigs. I have some nice things to offer in the way of bred gilts. Everything immune and priced to sell. **E. G. MUNSELL, Route 4, Herington, Kansas**

## LOOKABAUGH'S SHORTHORNS

High class Herd Bulls, close to imported Scotch Dams, and sired by such sires as Lavender Lord by Avondale. Nicely bred young heifers from milking strains. Bred young bulls, the Farmer and Stockman's kind; cows with calf at foot and rebred.



I want to sell during the next six weeks \$10,000 worth of Shorthorns. Six or nine months' time if desired. What we want is your trial order. Young heifers and bulls at \$75, \$100 and up.

This splendid array of Foundation Shorthorns carry the Best Blood of the Best Families and the Most Noted Sires of the Breed.

**THE FARMER'S COW** The Shorthorn cow is the farmer's cow because she is best adapted to farm needs. She has been bred for milking purposes generation after generation and will furnish milk for her calf with a surplus to spare to make butter for the family, milk for the table and some for the pigs. Her calf has inherited a tendency to supplement this milk diet with the rough and waste feeds of the farm and the sum total for milk and beef in net gain to the farmer is more than is produced by any other than Shorthorns.

CALL ON OR WRITE

**H. C. LOOKABAUGH, Watonga, Okla.**

## Alfred's 14th Annual Duroc Sale

**Enid, Okla., Thursday, May 7, 1914**

**60 HEAD—50 Bred Sows, 10 Fall and Summer Boars**

25 head are by Pilot Chief's Col. by Albany, his dam's sire, Kelley's Pilot Chief, made 11 shows, winning 1st ten times and grand champion at Ohio State Fair, 1907. 10 are by Alfred's Col. by Prince of Cols., and is a half brother to Graduate Col., King of Cols., B. & C's Col., Freed's Col., and others of great note. 10 are by Dew Drop's Chief and 4 by Tattle-tails Volunteer. The boars are by such sires as Tattle-tails Volunteer, Crimson Wonder and Alfred's Col. 30 of these sows and gilts will be showing safe in pig to Tattle-tails Volunteer, a litter mate to Browning great show herd that won 31 grand champion ribbons at seven of last seasons greatest shows. He is by the great sire Volunteer and out of a Defender dam. Others are bred to Pilot Chief's Col., Alfred's Col., Crimson Wonder, Dew Drop's Chief and Col. Victor. This is the best offering we have ever sold in Oklahoma. They are fashionably bred and matured with a strict view to their usefulness as breeding stock. They include prize winning blood and are bred to produce winners. Breeders will find here the kind they want and farmers will find the kind that produces the greatest profit for the care and feeds used. Remember the date and send today for catalog. Address

**S. W. ALFRED & SONS, Enid, Okla.**

Auctioneers: H. L. Englehart, H. L. Burgess, Fieldman, A. B. Hunter.



## MULE FOOT HOGS.

**"Mule Footed Hogs"**

The coming hogs of America. Hardy, good rustlers. Pigs 10 to 16 weeks old \$30 per pair. Circular free. J. B. DICK, LABETTE, KANSAS

## POLAND CHINAS.

## ATTRACTIVE PRICES ON BOARS.

Poland China fall boars—lowa breeding. Good individuals, priced low to make room. Stock Island and Burlington shipping points. J. F. Foley, Oronoque, Kan.

**Sunny Side Poland Chinas** Pigs of September, farrow for sale. Have sold all my spring boars and bred sows. J. G. BURT, Solomon, Kansas.

**WE ARE BOOKING ORDERS** for pigs by the blue ribbon boar, King Blain, Jr., the reserve champion King John and grand champion King Hadley. W. Z. BAKER, RICH HILL, MISSOURI

**A Few Gilts Bred for June Farrow**

Also a lot of open fall gilts and a nice lot of fall and winter boars. Buy them now; grow them yourself for next fall service. A. L. ALBRIGHT, Waterville, Kan.

**Lockridge's Mammoth Polands**

Booking orders now for pigs to be shipped at weaning time, sired by A. Wonder, Hercules, Pawnee Price and Long King's Model. Also a few older boars and gilts. WILL G. LOCKRIDGE, FAYETTE, MO.

**ONE THOUSAND BIG TYPE POLANDS**

10 daughters of A. Wonder, bred; 100 yearling sows, bred; 50 fall yearlings, bred; 50 pigs both sex, 1913 farrow. 500 spring pigs after June 1st. Everything guaranteed and for sale. HOWARD ZAHN, 126 PINE ST., JACKSONVILLE, ILLINOIS.

**25 BOARS and GILTS**

Of August and September farrow. Sired by Bell Metal Again and Chief Price. Out of my big, mature sows. Prices right to move them quick. L. E. KLEIN, ZEANDALE, KANSAS.

**BIG BONED POLAND CHINA BOARS!**

I have for sale animals ready for use. Can make immediate shipment. Animals sired by First Prize Winners, Kansas State Fair. A. F. BATTEY, FLORENCE, KANSAS

**Big Orange Again & Gritter's Surprise**

boars of September farrow, for sale. They are out of my largest and best sows—and are immune from cholera. A. J. SWINGLE, LEONARDVILLE, KAN.

**ENOS BIG POLANDS**

Boars and gilts of August, 1913, farrow sired by the noted Orphan Chief and out of A. Wonder's Equal and Knox-All-Hadley dams. Write today. A. R. ENOS, RAMONA, KANSAS

**LARGE WITH PLENTY of QUALITY**

Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock. Olivier & Sons, Danville, Kan.

**NATIONAL BIG TYPE POLANDS.**

A. Wonder, Jr., Dan Hadley, Orphan Chief and Blaine's Wonder strains. A few good fall pigs of either sex and two summer males. Ten gilts, bred; all for sale. JOHN H. COLAW, Buffalo, Kansas.

**FANCY LARGE TYPE POLANDS**

Herd boars U Wonder by A. Wonder and Orange Lad, by Big Orange. Fancy fall boars and a few good sows and gilts by U Wonder and bred to Orange Lad. Priced for quick sale. THURSTON & WOOD, Elmdale, Kansas.

**MT. TABOR HERD POLANDS**

Poland China gilts to farrow in May and June for sale. Also fall and yearling boars. I will sell my herd boar, Big Mogal. Write for prices and descriptions. J. D. WILLFOUNG, ZEANDALE, KAN.

**J.L.GRIFFITHS, Riley, Ks.**

offers top September Poland China boars at reasonable prices, out of mature sows. Every thing immune. Address as above.

**Poland Chinas That Please!**

Fall boars suitable for both breeder and farmer. Orders booked for spring pigs to be shipped at weaning time. Prices right. P. L. WARE & SON, PAOLA, KANSAS

**Big Type Poland China Pigs**

By either of the following herd boars: Futurity Me, 1st prize winner at American Royal; Black Big Bone, Long Prince, Great Jumbo, and Dollar Mark. Your choice at weaning time at \$25 delivered. We pay express. WAY & HAIRGROVE, Jacksonville, Ill.

**Joe Baier's Polands**

No boars left. A lot of choice bred sows and gilts at private sale bred to my herd boars. Write for prices and descriptions. J. M. Baier, Dickinson Co., Elmo, Kan.

**One Herd Boar!**

We are offering ONE Poland China herd hog right in every way. Five fall pigs by Major B. Hadley, grand champion of 1911. Booking orders for spring pigs (sold all of our bred gilts we had advertised). A. J. ERHART & SONS, Ness City, Kan.

**BLACK MAMMOTH POLANDS**

The kind that weigh and win. The best of Big Type breeding. Satisfied customers in eighteen states. Write for catalogue. It tells all.

Paul E. Haworth, Lawrence, Kansas

Berkshires that grow out quickly, that have size and quality, that make good mothers and good sires, that have bred character, please the eye, fill the pork barrel and fatten the bank account. Starlight Premier 6th is a good son of Masterpiece Longfellow Jr., and his pedigree on both sire and dam's side is replete with the prize winners of the leading shows. He has made good as a sire in this herd. A sample of the great sows in this herd is Masterpiece Matchless, the grand champion sow of the 1912 congress. She is one of the best sows of the breed and has six fine pigs, five sows and one boar, by the great Superbus, that will make hot competition in the show rings this fall. At present Mr. McCauley is offering for sale a few choice fall boars, a selected lot of fall gilts that will be sold open or will be bred for fall litters, and is booking orders for spring pigs to be shipped at weaning time or later. The entire herd is immune and Mr. McCauley is very particular what he sends out on mail orders. If the readers of this paper want the best in Berkshires and at prices that are reasonable considering the quality of the goods offered they cannot do better than to get in touch with Mr. McCauley and his herd.

**S. E. Kansas and S. Missouri**

BY ED. R. DORSEY.

**Erhart Offers Fall Pigs.**

Since A. J. Erhart & Sons, of Ness City, Kan., started their Poland China advertisement with the Capper Publications about eight weeks ago they have sold all of their bred sows and write that they wish to change their advertisement and tell the readers they have for sale a splendid herd boar and a few fall male pigs by Major B. Hadley. Mr. Erhart is by no means a stranger to the readers of this paper as he was one of the leading exhibitors and breeders of Missouri until he bought about 3,000 acres of land in Kansas a year ago and they all took Greeley's advice and went West. We were out to their ranch not long ago and we never saw them have a better lot of hogs than they own now. The fall pigs offered are by the grand champion of the American Royal in 1911 and said to be one of the greatest Poland China breeders.

**Large Easy-Feeding Polands.**

Way & Hairgrove, of Jacksonville, Ill., breeders of high class Poland China hogs, own the oldest pure bred big type herd in the state and have shipped more hogs in the past 10 years than any other person or firm. At the head of the herd is Futurity Me 19721, by The Big Orphan 171013, grand champion of the Nebraska State Fair in 1913, he by Big Columbus 151313, that sired more prize winners in 1912 than any living boar. This hog is out of Ueunda Wonder 371596, by A. Wonder 107353. With the greatest advertised hog in the world as sire of his dam and the grand champion of the leading big type Poland China state as sire, Futurity Me is entitled to the attention and respect of all breeders. He is a grand individual and is pleasing his owners as a producer of high class stock. While they have other good males all of the spring pigs that are and will be farrowed on the farm of their breeding will be sired by Futurity Me, which is pretty good evidence that he is very highly appreciated by Way & Hairgrove. They will have several pigs by other boars that are out of sows they have bought this winter, the tops of five or six herds, so they are in a position to furnish a male by Futurity Me and sows by other males. Following are some of the sows added to the herd this winter: Miss Express, by Big Osborne, has a nice litter by John B. Hadley, first prize winner of the American Royal in 1912; Big Bone Lady 2d, by Jumbo Big Bone, has a fine litter by Long Prince, bred by F. P. Robinson & Co., of Maryville, Mo.; Lady C., by King Mastive, has a litter by Black Big Bone; Blue Belle, by Norman Blue 175691, has a litter by Dollar Mark that won the futurity first prize at the Nebraska State Fair in 1913. These sows added to one of the best herds of sows in Illinois makes a great variety of good ones. Write for prices and mention this paper.

**Quality Chester White Hogs.**

One of the largest as well as one of the best Chester White herds we ever visited is owned by Edward Ross & Son of White Hall, Ill. They now have 300 little pigs and will have at least 150 more. Maple Lawn Stock Farm is located within a mile and a half of White Hall in the garden spot of the earth. The small pastures, houses, driveways and general improvements resemble a village. The fine hogs scattered over the fields or in the parks with beautiful trees and flowing streams make that part of Maple Lawn Farm very attractive. East and northeast is the poultry department, that covers several acres of land. Barred Plymouth Rocks of the very best strains that money could buy have their home here. These men take just as much pains in farming and in the growing of pure bred corn as they do in the breeding of fine hogs and purebred Barred Plymouth Rocks. At the head of the Chester White herd is Illinois Protection 22283, by Iowa Protection 19551, out of Gold Nugget 40982, by Jerry S 13167. This hog was a winner at the Iowa State Fair in 1912, he is by Kent's old prize winner at many state fairs. Illinois Protection is a very large hog with great length and a bone that is of the very best. He is as smooth a hog as one could find. They now have 200 pigs of 1914 farrow by him. They have 75 by Maple Lawn Prince 24513, by Perfection Boy 21279, by Combination II 17557, out of Mary 48968. He is a different type and he is blocky, well proportioned, fine arched back, good ham, fancy head and ears; stands up well on his feet and has his admirers. It would require too much space to describe 50 sows but we will give the breeding of a few. Mermaid 48972, Mabel 54624, Duchess 54650, Queen Gladys 54632 and Liberty Girl 54618 all have large litters at side by these herd hogs. These are all large and great mothers. This firm is making special prices for these March pigs to be shipped in June as they clean up each month's farrow and by so doing the pigs stand an equal chance to grow. There are very few states in the Union that they do not ship to each year. One can place an order at your depot free of charge and guarantee every pig to please. Write today, mentioning this paper.

It is the jerking and straining that injures horses more than the steady pulling.



F. W. Bevington, Pres.

**Jewell County Breeders' Association**

Members of this association, advertising below will offer nothing but first class animals for sale for breeding purposes.



I. W. Kyle, Secy.

## O. I. C. HOGS.

**Dr. W. W. Spencer, Mankato, Kan.**  
BREEDER OF O. I. C. HOGS.  
A FEW SEPTEMBER BOARS FOR SALE.

## POLAND CHINAS.

**Poland China Bred Gilts** 15 bred for April farrow, sired by Jumbo and bred to Kansas Big Bone. Ira M. Swihart & Son, Webber, Kansas

**JOSHUA MORGAN, Hardy, Neb.**

The best in Big, Smooth Polands. Stock for sale. See me for a boar.

**John Kemmerer's Polands**

Choice boars out of Jumbo Ex. and Neb. Chief. Inspection invited. John Kemmerer, Mankato, Kan.

**Ira C. Kyle & Son's** Large type Polands. Giant Chief Price \$2103, by Long King; Bell's A. Wonder 61891, by A. Wonder. Henry's Expansion 178889, by Dorr's Expansion. MANKATO, KAN.

**Fall Boars.** Also booking orders for Spring pigs (both sexes) at weaning time. White Wyandottes, R. I. Reds, Barred Rocks. Eggs for sale. W. A. McIntosh, Courtland, Kan.

## DUROC-JERSEYS.

**BRED GILTS** A few very choice well grown spring gilts bred for early spring farrow. Priced right. Write for prices. E. M. Myers, Burr Oak, Ks.

**Marsh Creek Herd Duroc-Jerseys**

Nothing for sale at present. Something good a little later. R. P. WELLS, FORMOSO, KANSAS.

**Sunflower Herd Duroc-Jerseys**

1913 boars shipped on approval. W. E. MONASMITH, FORMOSO, KANSAS.

**Fall Boars and Gilts** Sired by Model Chief and Crimson Burr. Pairs and trios not related. Every thing priced to sell. DANA D. SHUCK, BURR OAK, KAN.

**50 Duroc Bred Sows** Five spring boars for immediate sale. Good. Write for prices and particulars. E. A. TRUMP, FORMOSO, KANSAS.

**10 Good Spring Boars** priced right to move them quick. JOHN McMULLEN, Formoso, Kansas

**Spring Crop of Pigs Doing Nicely;** am ready to book orders for fall or summer delivery, at reasonable prices. C. C. Thomas, Webber, Kans.

## SHORTHORNS.

**Oscar Green's Shorthorns** Popular breeding. Stock for sale. A good herd bull proposition. OSCAR GREEN, MANKATO, KANSAS

## POULTRY.

**EGGS FROM WHITE POULTRY** Pekin and Runner ducks, Rocks, Holland turkeys and Cochins bantams. Also Spitz dogs and Fan-tail pigeons. A. T. GARMAN, COURTLAND, KS.

## GUERNSEY CATTLE.

**Reg. Guernsey Bull Calves For Sale** Old enough for fall service. Write for description and prices. W. E. EVANS, Jewell, Kansas.

## JERSEY CATTLE.

**Jersey Heifers** that will freshen in Jan., Feb. and March. Four fall yearlings bred, six heifer calves 10 months old. Write for prices. J. W. Berry, Jewell City, Kan.

## D. S. POLLED DURHAMS.

**Bull Calves**, year old in April and May. Dark red in color. Priced reasonable. We want a herd bull. Can't we trade? R. T. Vandeventer & Son, Mankato, Kan.

## PERCHERONS.

**PERCHERON Stock for sale.** Always good horses in service. Breeding Farm H. G. MYERS, HARDY, NEB.

## AUCTIONEERS.

**Livestock Auctioneers** John Brennen & Son, ESBON, KANSAS. WRITE OR PHONE FOR DATES

**M. S. HOYT, MANKATO, KAN.** Write or phone Livestock Auctioneer for dates.

**Frank Regan Livestock Auctioneer** ESBON, KAN. WRITE OR PHONE FOR DATES.

**Ole Hanson, Livestock Auctioneer** Mankato, Kan. Write or phone for dates.

**DAN GALLAGHER, Jewell City, Kan.** LIVESTOCK AUCTIONEER Write or phone for dates.

**DUROCS \$8**

Weanling Boars \$8.00. Weanling Sows \$15.00. Immune. Sired by "Kansas Ohio Chief," our new herd boar imported last spring from Ohio. Call and see our hog and poultry farm. Half section fenced hog tight, with modern equipment. ROSE COMB RHODE ISLAND REDS. Incubators. Winners at American Royal and Kan. and Okla. State Fairs. R. W. Baldwin, Conway, Kan.

**REDS****Royal Scion Farm Durocs**

The great Graduate Col., assisted by Col. Scion, heads this herd. 10 extra choice fall boars, three out of Heirss Royal and by Graduate Col. G. C. NORMAN, R. 10, WINFIELD, KANSAS.

**BIG TYPE UNPAMPERED BERKSHIRES**

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truotype, King's Truotype, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Open pigs and boars ready for service. Not a poor back or foot. Every man his money's worth. E. D. KING, Burlington, Kansas

**Dean's Mastodon Poland Chinas**

Serviceable boars and bred sows and gilts. I have some 3-year-old sows 65 inches long, bone 8 1/2 in., and 34 inches high. VACCINATED AND IMMUNE. Herd headed by Mastodon Prince, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Phone Dearborn; station, New Market, and postoffice, Weston, Mo. Address CLARENCE DEAN, WESTON, MISSOURI.

**ROBINSON'S Mammoth POLAND CHINAS**

We offer 160 February, March and April pigs of both sexes for delivery when weaned. Some now ready. Pairs and trios not akin. They have heavy bone, great length, depth and thickness and show ring quality. You don't send us a cent until you have received pig, and if not satisfied return pig at our expense and you are not out a cent. F. P. ROBINSON & CO., MARYVILLE, MO.

**DOOLEY'S SPOTTED POLANDS**

Etterville Breeding Farm, home of the old original spotted Poland Chinas. Booking orders now for spring pigs at weaning time sired by five of the biggest and best spotted boars of the breed. Pairs and trios not related. Get your order in early as they are going fast. Over 100 head to select from. EDGAR DOOLEY, ETTERVILLE, MISSOURI

**JOE HEMMY'S BIG-TYPE POLANDS**

For sale: My herd boar, Hemmy's Hadley. He is three years old and weighs 600 lbs. Also some choice bred gilts. Also booking orders for spring pigs sired by Good Quality and A. Wonder Major, a son of old A. Wonder. JOE HEMMY, HILL CITY, KANSAS.

**Big Type Poland Boar Bargains**

We are offering the tops of 60 fall boars and gilts, ALL VACCINATED AND IMMUNE, sired by Moore's Halvor and Sampson Ex., out of best big type sows. \$25 each; boar and gilt, \$55. These are good and guaranteed as represented. These are bargains. HENRY GRANER & SON, Lancaster, Kan.

**80 Big Type Poland China Pigs**

Weanling boars 8 to 16 weeks old \$8 to \$10. Gilts same age \$12.50—two for \$24 or 3 for \$35. These pigs are sired by Bogardus Ex., and out of 600 to 700 pound sows, by Big Defender, and Colossus. 10 sows, this spring, farrowed 92 pigs. Descriptions guaranteed or money refunded. Can ship via Union Pacific or Rock Island. HOWARD R. AMES, R. R. 2, MAPLE HILL, KANSAS.





## What Did You Learn in 1913?

F. B. N.

Much of the loss on the crops in Kansas last year came because the farming in this state has been largely on an unsound basis. Most of the leading successful farmers have known this for many years, and many have preached and talked against it, but it takes lessons like those of last year to reinforce their remarks. A very high percentage of Kansas farms are managed so they can be profitable only in a year of high crop yields. The grain farming systems that are used on so many farms of this state are fundamentally wrong; they are certain to end in lowered crop yields and reduced profits. You can notice that it was not the livestock men who were especially hard hit by the drouth of last year, for most of them are paying their bills which is more than can be said for some grain farmers.

The man who depends on raising crops to sell for a living is inviting Nature to come along once in a while, as it does every few years, and hit him between the eyes with a club. The blow the state got with the drouth club last year ought to do a great deal to wake up the average producer in this state, and cause him to follow the methods the more successful farmers have found to be profitable.

A man who has silos can get feed from a corn or kafir crop even if it is ruined by drouth; that was demonstrated last year. Of course the feed does not have an especially high feeding value, but it is a great deal better than nothing. Silage that does not have grain will help carry the cattle through the winter in good shape; it is many times more efficient than the same feed that has been cut up and shocked. The usual result with the drouth killed fodder is that most of it just melts down when rain comes; that was what occurred to the fodder in Woodson and several other eastern Kansas counties last fall.

One of the main sources of loss by the drouth of last summer was in the sale of cattle because the stock water gave out. Of course, a part of the big runs on the Kansas City and other leading western markets was caused because the grass was all gone, but I know of many herds that were shipped out because there was no water left, although there was enough feed to carry the animals for some time. No man in Kansas is certain of being independent of drouths until he has a supply of stock water that will not fail every time a week or so passes without rain. Good wells are essential.

The men who had good crop rotations came through the grief of last year much better than the one crop farmers. Wheat did fairly well over a large part of Kansas in 1913, and the man who had a wheat acreage that was not too large to be handled profitably with his equipment made it pay. But on the other hand the extremely large acreages in the leading wheat growing sections were hard to handle, for the drouth lasted so long that it delayed the seeding. As a result, there was a great deal of the wheat in Kansas that was not put in on well prepared seedbeds last fall, and the only reason it looks so well this year is that the winter was almost ideal much of the time for the wheat.

Farmers who had leguminous crops occupying a prominent place in the rotation were especially fortunate last year, for the first cutting or two of the alfalfa and the first clover crop were good, and they were an important protein aid to the grain-deficient silage and roughage which came later. The season of 1913 showed forcefully again that it is essential under Kansas conditions that there should be a large increase in the acreage of legumes, especially alfalfa. It was the most profitable crop on most farms last year.

It seems to me—and this also is the opinion of many leading farmers with whom I have talked—that the most important lesson of 1913 is that farming in this state must be based on livestock, good crop rotations and silos. A grain farming system goes to pieces as a profit producer in a year like 1913, just as it does in any other extraordinary year.

### Even Milk Is Imported.

More than 1,500 cases of condensed milk arrived recently at New Orleans from Switzerland. Since the tariff was

lowered, importations have increased from 16,000 cases to 366,000 cases, according to a news report from one city. The imported condensed milk, it is said, can be sold cheaper than the American manufacturers can buy the milk from the farmers. Representatives of foreign condenseries are opening up agencies in New York and many other cities of this country, and are prepared to spend \$2,000,000 to get their products on the market.

## Good Roads Help Schools

In the states having a high percentage of improved roads a much larger percentage of the students enrolled regularly attend the schools than in the states having a small percentage of improved roads. In five eastern and western states, which have a large mileage of improved roads, the average attendance of enrolled pupils in 1908-9 was 80 per cent, while in four southern states and one northwestern state, which are noted for bad roads, the average attendance for the same year was 64 per cent—80 per cent in the good roads states as against 64 per cent in the bad roads states. In the states first named 35 per cent of the roads have been improved, while in the latter group of states there are only 1½ per cent of the roads improved.

That improved roads would benefit our country school system there would seem to be no doubt. Improved roads make it possible to consolidate or centralize the schools and to establish graded schools in the rural districts. Such schools centrally located will accommodate all of the children within a radius of from 4 to 5 miles. In many communities having the advantage of improved roads commodious buildings have been provided, more competent teachers have been employed, and modern facilities for teaching have been supplied at a minimum cost. For instance, since the improvement of the main highways in Durham county, North Carolina, the number of schoolhouses has been reduced from 65 to 42, of which 17 are graded and have two or more rooms and employ two or more teachers.

There are about 2,000 consolidated rural schools in the United States. It appears that Massachusetts, Ohio, and Indiana have made the greatest progress along these lines, and it is rather significant to note that in these states about one-third of the roads have been improved. According to statistics of the agricultural department there was expended in 1899, \$22,116 in Massachusetts for the conveyance of pupils to consolidated schools, but in 1908 the expenditure for this purpose amounted to \$292,213. In Indiana the expenditure for this purpose in 1904 amounted to \$86,000, while in 1908, \$290,000 was expended. This expenditure for transportation reflects, in a general way, the extent and progress of this new educational movement. It must not be understood that this is an additional burden, as the expenditure thus made is saved in other directions; that is, by the decrease in the number of schools and economy in their operation.

## Wheat and Flour Testing

The second annual short course in wheat and flour testing will be offered by the department of milling industry of the Kansas Agricultural college, Manhattan, Kan., May 18 to 30.

The course will be of special interest to wheat buyers, millers, bakers and flour salesmen. The work will consist of a course of lectures with discussions and laboratory practice. Instruction will be given in methods for experimental milling and baking tests and for determining absorption, gluten (wet and dry), total protein, gliadin, moisture, ash and acidity. Those in attendance will be given opportunity for as much actual laboratory practice in making these determinations as the time permits. Previous training in chemistry is desirable but not required.

A laboratory fee of \$3.50 to cover breakage will be charged.

It is desired that all those planning to attend notify the department at least two weeks before the course begins, in order that proper arrangements may be made. It is also desired that each mill representative supply a ten-pound sample of 15 flour for laboratory tests; also one-quart sample of blend of wheat from which flour is made.



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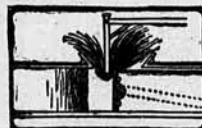
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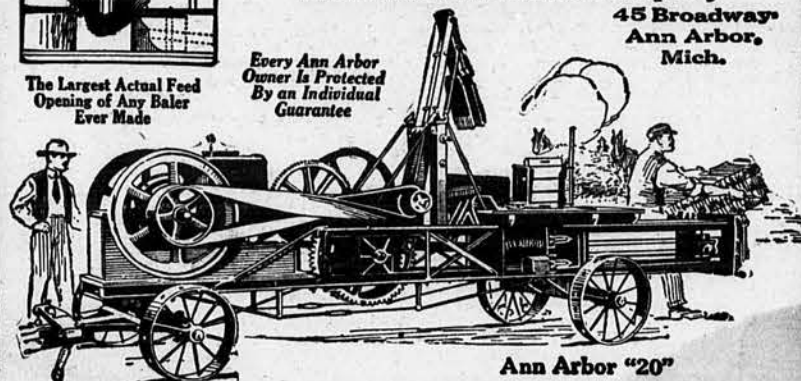
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