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# The FARMERS MAIL AND BREEZE

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No. 1.

## The Blessings of Peace

BY CHARLES DILLON

**W**HAT A WONDERFUL year we have had! The world has never seen another like it. In all the pages of history there has never been one Thanksgiving, one Christmas, one solitary New Year's morning when every American, regardless of creed or politics or condition of servitude, had so much reason to get down on his knees, humbly and devoutly and earnestly to thank the Creator that he and his loved ones and all his worldly goods are safe in this Land of the Free!

Across the sea unnumbered thousands have died, and unnumbered thousands are yet to be sacrificed to the awful lust for power that has frozen the hearts and seared the consciences of kings. Unnumbered thousands of homes, perhaps millions, are desolate, and women and children, always the pitiable, innocent victims of militarism, must carry the burden of grief and hardship and starvation. From factory and farm and counting room "the best ye breed" went forth to death; the flower of youth, the fathers, the bread-winners, the strength of the Nations, and a century will not repair the frightful wrong.

Did you give these things a thought, yesterday, while you sat, with your family and your

friends at a well-ordered board and ate your fill? Did you think of it Christmas morning—Thanksgiving? How puny and unimportant our cares appear when we think of the woe of Belgium and England and France and Russia and Germany, down the roll of Nations to the countless marked graves!

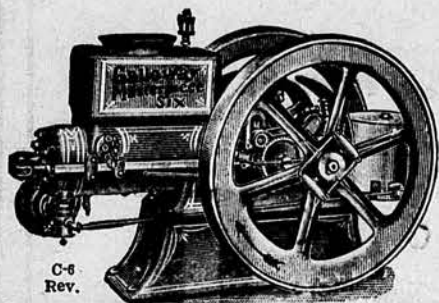
Isn't it about time to do so? Isn't it more than think about the Brotherhood of Nations? Isn't it worth at least a test?

Why shouldn't the world, when the war is over, resolve that henceforth the ruler who resorts to murder shall be dealt with in a court of law, with a world-tribunal to judge? Why not? Why not, as did the Gauls of old, let the angry kings fight it out themselves, with the armies of both looking on? There would be fewer wars in the future and fewer fatherless families.

Aren't you glad—aren't you mighty glad, this fine morning, that you and yours are safe in happy Kansas? Aren't you ready, sincerely, to thank God for His goodness, and ready, too, to ask His guidance in the coming years for the men intrusted with the solemn duties of statesmanship, to the end that the American Republic, the Land of the Square Deal for every man, "May not perish from the earth?"







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## JUST ABOUT FARMING

**W**HY, when conditions are good in Kansas farming, do we hear so much about "hard times?" Kansas produced big crops in almost every county this year, and these crops have been sold at high prices. Much of the complaint about poor business results, we are told, from slow collections.

There is a remedy for this. It is for every individual to pay a little, as much as he can spare, and as promptly as possible, even if it is but a small part of his obligations. Such conditions never get better until the time arrives when the smallest class of debts begin to come in. When the thousands of persons who owe small sums begin paying, the man with larger sums to pay is able to help out his creditor, and so on along the line, until presently everybody observes that times are good. This means that everybody, no matter how small his obligations, has a very important part to play in general prosperity or general dullness of business.

What are you doing to make times better? Paying your bills or saving other people's money?

## Farmers' Union

More than 2500 farmers are expected at the annual meeting of the Kansas Farmers' union in Topeka, February 3 to 5. It is believed that this meeting will do much to boost co-operation among farmers in Kansas. Maurice McAniff of Salina is president of this organization, and E. B. Roadhouse of Osborne is secretary.

## Fall Strawberries

Fall strawberries deserve more attention in the home gardens of Kansas. It is possible to grow this crop in the fall quite successfully, if the fall varieties are set. L. J. Farmer of Pulaski, N. Y., has several acres of fall strawberries, and he has done more than any other man in the United States with these varieties.

## Community Tasks

Perhaps the most important influence of the county farm agents is the help they are giving toward the advancement of community tasks. As President Waters of the agricultural college has well said, the most important step in the advancement of a rural community is for it to get a central aim, or a common interest, in other words the undertaking of a community task.

The community task that Montgomery county has picked out for itself is its development as the Holstein center of southeastern Kansas. There is a mighty fine interest in this county in dairying just now, which has been fostered by E. J. Macy, the county agent, who has a great belief in the future of livestock farming. Montgomery county is doing some mighty fine things in dairying, and the healthy interest that has been aroused among the farmers there indicates a bright future for this line.

## Soil Humus

"If the shale formed soils of Kansas had all the humus they need the problems of soil management would be much easier to solve," said H. J. Bower, the agronomist with the extension department of the Kansas State Agricultural college, a few days ago. "The low humus content is the limiting factor in crop yields on a distressfully large number of fields."

The problem of supplying humus is one that needs more attention. The yields on an alarmingly high percentage of Kansas fields are below or near the profit producing point. Poverty is ahead unless they can be raised.

## High Barns

In many cases farmers have not given the credit to inventors of agricultural tools that they deserve. When the agricultural history of the last 50 years is written, a great deal of space will be given to the manufacturers who have made this progress possible. And

among these men who have done much for Kansas is William Loudon—the man who made high barns possible.

He is a fine, white-haired old man now is Mr. Loudon, who still spends most of his time in the Loudon offices at Fairfield, Iowa, in the study of improvements in barn equipment. Most of his time has been spent in that way, since "that boy Bill" invented the first power hay fork in 1866. Mr. Loudon's life has been devoted to the perfection of haying and barn equipment—to the making of farming more profitable. As a reward he has the knowledge that his machinery is being used in every land; the sun never sets on Loudon equipment. This has come about largely because quality has been the basis on which he has worked.

## Walter Johnson

Kansas farm boys who long for the delights of the Great White Way, the applause of the crowds and all the splendor and pomp of "real life" would do well to consider the example of Walter Johnson, world famous pitcher, and one of the highest salaried men in the baseball field today.

In a good substantial farm home, four miles from Coffeyville, you could find this famous pitcher today, working with his Holstein herd. No great white way for him. When the baseball season is ended, the baseball hero of the East takes the train back to his Kansas farm. In speaking of this to a visitor recently, he said:

"Farm life is more interesting to me than baseball or any other phase of city life. I'm a farmer first and baseball player afterward. I regret that I am not able to spend more time now on the farm. I shall spend all of my time there after my baseball days are ended."

## Efficiency

Modern farming demands a high standard of efficiency, and a large amount of knowledge. It requires a high standard of intelligence. Especially does it demand that the manager of the place should get all the ideas he can from specialists. Much of the reason for the successful rise of the big Deming ranch at Oswego has been that the owner, R. O. Deming, has always been on the lookout for new ideas and suggestions from men who know one line well. Specialists built his big 11-mile dyke, his drainage plant, his buildings, surveyed his soils, and planned his rotations and his livestock rations. He employs a specialist, L. S. Edwards, a graduate of the Kansas State Agricultural college, as manager. Other farmers can well afford to carefully consider the help specialists can give.

## Belgium

Perhaps you still owe a note or the interest at the bank, or you may have decided on spending the extra crop money this year. But despite the old debts and all other troubles of 1913 you had the customary Christmas dinner, yesterday, and you'll have just as much to eat New Year's Day, or a little more. It's a wonderful country, isn't it? It's a blessing to be at peace with the world. Prospects are fine. Good home, good bed tonight, good breakfast in the morning.

How would you like to be in Belgium, this month, trying to care for your family? How would you feel if the greatest nation in the world—that's what we think we are—should be slow about sending food relief, and your children were starving—dying? That is precisely what is going on, today, in Belgium. Babies die in their mothers' arms for lack of nourishment. Women faint along the highways and die for food.

No use arguing about the right or the wrong of the war. Food is the first demand. Have you contributed? Can you eat a first class meal or roll into your comfortable bed and not think of this awful tragedy over the sea?

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# THE FARMERS MAIL AND BREEZE

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## Alfalfa From 400 Acres

### High Yields of This Legume Produced on the Broadacre Ranch

By F. B. Nichols, Field Editor

**I**RRIGATION and livestock are the leading features on the 640-acre Broadacre Ranch, 5 miles west of Garden City. Alfalfa is the leading crop, there now being about 400 acres on the place. The livestock includes 250 hogs and 356 head of cattle, largely Herefords. W. H. Wheeler is general manager and part owner.

The big, efficient irrigation plant and the remarkable results that have been obtained from the use of irrigation are the most interesting things on this very interesting farm. There are three systems of supplying water: From the Arkansas River by a direct ditch, from the river through a reservoir and by pumping the underflow. The ranch owns stock in the Garden City ditch, which leads directly from the river, and this water is used when it is possible. Water is available from this ditch much of the time; even the August irrigation this season was made directly from the river.

Another system, the Great Eastern ditch, is used to supply water when it cannot be obtained directly from the river; a reservoir furnishes this water. Sometimes both systems fail to supply the water needed, and then the pump is started, and the water is lifted directly from the underflow. This pumping plant, on account of its huge size, has attracted much attention.

#### 23 Wells, 1 Pump.

The plant consists of a battery of 23 wells connected to one pump. This is a No. 2 American pump, with 12-inch discharge pipe. The power is furnished by a 60-horsepower Fuos oil burning engine, which uses about 60 gallons a 12-hour day of No. 40 gravity distillate. This distillate costs about 3 3/4 cents a gallon on track at Garden City in carload lots. About a dollar's worth of lubricating oil a day is used. It is 12 feet to water where the plant is placed, which is on the highest part of the farm, and the normal water level is lowered about 3 feet after the pump is started. This is a rather short distance to lower this level, and the reason it is not greater is mostly on account of the large number of wells connected to the plant. About 3,500 gallons of water a minute is delivered—which, by the way, is quite a stream. Two main ditches are used to carry the water away.

Mr. Wheeler believes in heavy irrigation; he thinks that the heavy application which is the rule on this farm is the cause of the large crops—the four cuttings of alfalfa in 1914 for example averaged 1 1/2 tons apiece. In irrigating the alfalfa the system is to make the application of water just before the crop is cut, which will start the new growth promptly, and make the conditions much more favorable than if the water is applied after the alfalfa is harvested. The rule is to apply enough water to saturate the soil thoroughly, and this usually means a larger application than 6 inches—sometimes it is 8 or 9 inches. Winter irrigation is the rule on much of the land also; which puts

a maximum amount of water in the soil early in the spring, so the crop can make a quick start.

The quality of the livestock on this farm is fully up to the efficiency of the irrigation. The 250 hogs all are purebred Duroc-Jersey animals, largely of the Ohio Chief and Buddy K breeding. When Mr. Wheeler lived in Missouri he was in the purebred hog business very extensively; he had the grand champion boar at the American Royal in 1907. When he moved to Kansas he brought a part of this herd with him, and he is building up a herd at Garden City which is certain to have much to do in the extension of the hog industry in western Kansas.

There are 20 sows in the breeding herd, and they bring two litters a year. They are raised on alfalfa pasture through the summer, with a light grain ration. In the winter, alfalfa hay is used extensively to supply protein; the hogs that go on the market are finished largely on the drouth-resistant crops like milo, feterita and kafir. The herd has been a money earner for the ranch.

"I have a great belief in the future of hogs in western Kansas," said Mr. Wheeler, "and I am certain that there will be a considerable extension in the number in the next few years. Why shouldn't there be? We have an abundance of alfalfa pasture, and high yields of milo, kafir, feterita and similar crops can be obtained under irrigation. If one will handle hogs properly out here, the profits are large and certain."

#### On Rented Pasture.

Pasture is hired—at the rate of 25 cents a head a month—for the cattle. The cost of summering them is very light; it is far less than men farther east have to pay. In the winter the ration consists largely of alfalfa hay and drouth-resistant forage crops. Silos are to be constructed, and silage will take a large part in the ration.

"Our aim from the first was to develop this place along livestock lines," said Mr. Wheeler, "for we were certain that there

would be more money in this than there ever can be in grain and alfalfa hay farming. Grain farming in western Kansas is a mistake, for the yields are too uncertain. A logical system for this section must be founded on irrigation, livestock, alfalfa and forage crops."

The labor item is an important thing on this farm, as from 12 to 15 men are required through the summer. This force is reduced quite a bit in the winter, but there is considerable work even then in taking care of the livestock. The employing of the ordinary run of labor has not been especially satisfactory. The aim from now on will be to hire married hired hands. When the Garden City Sugar and Land company had this land planted to sugar beets, tenant houses were hastily constructed, and these are now being more permanently built for the married help. Mr. Wheeler prefers married men over the average day laborer.

"Average hands such as we have had to use on this ranch for much of the labor are not so trustworthy as married men," he said. "There usually is little or nothing to hold an unmarried laborer; he is here today, and gone tomorrow. This makes him a somewhat unreliable unit in the building up of a farming system, and his employer must make up for this in part by lower wages. Therefore it is possible to pay good, steady married men much more than the ordinary hands get. By repairing these houses and by giving the ordinary extras that usually are provided, we can make an attractive proposition to a married laborer."

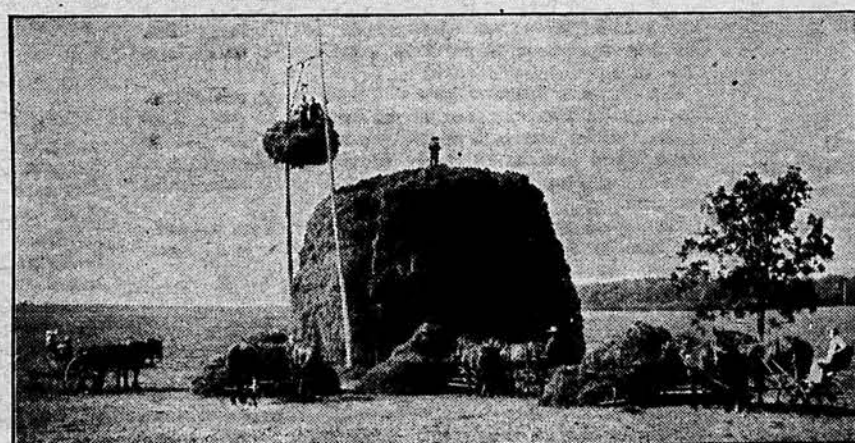
A feature on this farm is the ease with which the stands of alfalfa are obtained in the spring. Twelve pounds of seed is used, and the seedlings are made in either the fall or spring. Last year they were made in the spring. As it is pos-

sible to control the moisture supply, there is but little danger of losing a stand because of dry weather. As the soil is well adapted to alfalfa the stands come easily. Irrigation is the answer.

#### Curing the Hay.

Every effort is made to cure the hay so it will have the highest amount of readily digestible protein. It is raked as soon as it is well wilted, and much of the curing is done in the windrow or shock. By the use of such a system the leaves are saved, bleaching is prevented and the protein content is not reduced. All the Wheelers are interested in the farm, and the interest is that of college trained people who believe in agriculture. O. W. Wheeler, a son, a former student at the Kansas State Agricultural college, is in charge of the irrigation work, and he also is manager of the north half of the place. Price Wheeler, another son, is a junior in the agronomy course at the Kansas State Agricultural college. Incidentally he produced some of the best feterita grown in western Kansas this year; it took first prize at the local county fair. A daughter is in the domestic science course at Manhattan, and another daughter will enter this course later.

The Wheeler ranch is succeeding because it is founded on the right system; the farming ideals have been sound. It is showing the importance of irrigation and livestock in western Kansas, and it is pointing the way for a more profitable system of agriculture for that part of the country.



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## Passing Comment—By T. A. McNeal

### What Is the Trouble?

The banking and currency law is now in full operation. We were given to understand that as soon as this system began to operate, Prosperity, which had been tied to a post as it were, would immediately break the tie strap and with head in the atmosphere and tail flowing over the dash board cavort joyously along the public highway. For some reason or other the cavorting has not begun to such an extent that it attracts public attention. In the felicitous phrase of the president, business was to be unshackled.

Maybe it has been. Perhaps business has not discovered that the shackles have been removed. The Stock Exchange has also reopened. We were given to understand that when that occurred business would bound upward like a school boy who has inadvertently sat down upon a bent pin. It has however, not bounded so that you can notice it.

We have been told that orders for supplies are coming like an avalanche from the foreign countries where crowned fools have involved their subjects in a death struggle which has paralyzed the forces of production and loosened the forces of destruction. And yet Prosperity waits.

The lengthened bread lines stretch away from public soup houses in every city of any importance in the United States. What is the trouble? The trouble is that the world is governed by folly instead of wisdom. The trouble is that our civilization is largely a failure and hypocrisy passes for virtue.

We have refined the brutality of our savage ancestors and in the refining process seem to have eliminated largely the crude but rugged virtues which the untutored savage possessed. He fought frankly for plunder but the modern instigators of war and bloodshed cloak greed with raiment of patriotism and piously call upon God to bless the campaign of blood.

In the councils of the nations folly passes for wisdom; stupidity and moral blindness for keen perception; commercial greed for enlightened patriotism. With a fatuousness that borders on imbecility those in control cling to the belief that trade can be extended with cannon and that territory acquired by force from unwilling people adds to the power and wealth of the conquerors.

Influenced apparently by some unaccountable hypnotic spell, the people of the warring nations are persuaded that it is their highest duty to offer themselves to be killed or maimed or disabled by disease in order that they may add to the burdens of themselves or their families, or both, other and more grievous burdens.

The rulers of the nations do not seem to understand that the only way to secure permanent prosperity is to establish confidence among men, based on fair dealing and righteousness. The trouble with business is that the confidence of the world has been almost destroyed. The hypocrisy of the controllers of trade has been exposed. Prosperity will not be restored permanently until a new order takes the place of the old. The sunshine of confidence will not illumine the business world until a spirit of co-operation and friendship has been substituted for the gospel of greed and cunning and destructive competition.

### The Folly Of It

This is the holiday season.

There has been a greater call perhaps for charity and help for the poor than for many a year. It is to be said for the kindness and generosity of those who have been called upon that they probably have contributed more liberally than ever before. But the whole system is an evidence of marvelous stupidity and folly.

We have at least arrived at the place where we are not willing to see our fellowmen starve. There may be cases of starvation in the United States but my opinion is that there is no real need of any person between the two oceans in the United States dying of starvation.

But why continue a system that either compels or allows able-bodied men to eat the bread of charity, to take their places in the bread lines and sleep in public lodging houses? We are not going to let these men starve. We must support them. Why in the name of commonsense should we not give them an opportunity to support themselves? Char-

ity is necessary under our present defective system but it is both unfair to the donors and demoralizing to the recipients.

The burden of caring for the poor falls unequally now. The kindly hearted and generous give often beyond their means while those most able to give contribute little or nothing. The system encourages idleness, deadens the finer sentiments of those who receive charity and is a waste of human energy.

Public work should be provided for all able-bodied men and women who cannot obtain other employment and no free soup should be given to any able-bodied man. He should not be permitted to give the excuse that he cannot get work and is hungry because he has not had the opportunity to earn the price of a meal.

The man who is down and out through no fault of his own should not be compelled to sacrifice his self respect by becoming an object of charity, and the man who is simply a lazy bum should not be permitted to live on the generosity of other people.

### Concerning Good Roads

William H. Hoffman of Tribune sends me a poem of forty-nine stanzas on the subject of good roads. On account of the limited space at my command I am unable to produce this poem but will say that the tenor of it is opposition to interest-bearing bonds to be issued for the purpose of building roads. Mr. Hoffman however, indicates that he is not opposed to bonds provided they are issued according to his theory which is, in effect that the bonds, based on the land's value, shall be held by the government, the money to be paid out by the postal savings banks for road work properly done—the bonds to run for 20 years, 5 per cent to be retired every year.

### Stands Up For the "Bullhead"

Writing from Manhattan, Burton Frost, who is not only a fisherman and experienced grower of fish but also is in the business of selling sportsmen's goods, takes occasion to say a word—in fact, several words—in favor of the bullhead and yellow catfish as the proper fish to raise here in Kansas.

The fish which experience proves will live and thrive in our ponds and streams are the kinds to propagate, says Mr. Frost. There is one exception to this rule in his opinion. He is against the carp. In this he differs from our celebrated fish and game warden who has in the face of a good deal of opposition and ridicule courageously stood up for the carp and insisted that when properly cooked the carp is a good fish.

I will not with my limited knowledge of fish take sides either for or against the carp, but I agree with both the fish and game warden and Mr. Frost concerning the bullhead and the yellow catfish.

Mr. Frost says, too, that he has raised all sorts of fish and has studied the nature of the same. With our bottom lands practically all under cultivation when there is a cloudburst or great flood, which is not uncommon, so much mud is washed into the ponds and streams that they become so muddy and polluted that even a small per cent of the hardy bullheads will perish and that it is little use to try to stock these streams and ponds with the aristocratic kinds like the bass or croppie. The bullheads and yellow cat have been found from Mr. Frost's experience to be best adapted to conditions out here.

Mr. Frost is opposed to the 3-inch mesh seine law. He says: "The way our rivers have been gutted of their fish in the last three years with the 3-inch mesh seine law in effect is surely a shame and a good money-making scheme for the ones who hold permits."

Mr. Frost is in favor of changing the laws regarding fish in Kansas but does not suggest just what changes he desires.

### Opposed to Sending Munitions of War

Writing from Pittsburg, Kan., Mrs. Frances F. Spangler says, "Americans profess to be greatly shocked at the world-catastrophe that overwhelmed Europe in this so-called age of Christian civilization, but the greed for wealth that has become the besetting sin of the nation has led us to become participants in this hideous crime.

"Our leading journals rejoice over our increased

exports to the stricken nations. Great satisfaction is expressed at increased prices of staple food products. No note is taken, apparently, that increased prices bear heavily on the consumers in the United States and that a very small percentage of our population is benefited by increased foreign sales.

"Many of our exports are necessary and cannot be withheld humanely, but the manufacture and sale of munitions of war and the sale of horses and the provender that necessarily must be shipped with them is the crime of all crimes, and unless this participation in supplying the means of warfare is stopped, either by law or through the patriotism of our citizens, we are not worthy the name of civilized people.

"The nations of Europe are crazed with the frenzy of war. Are we so depraved with our money lust that we will send man's best friends and servants, our noble horses, to be tortured and maimed or killed in that awful butchery? There are really no surplus horses in this country, and a few more months of steady drain by the exportation of our best horses will not only result in great lack of horses for farm purposes but a shortage of feed as well.

"The refusal of our farmers and stock raisers to sell horses for the army would do more to end the war than anything that can be devised. Who has been humane enough to refuse to sell when he knew that the horses were intended for the European army?"

There is certainly considerable force in what Mrs. Spangler says. If you were to lend or sell your neighbor a gun knowing that it was his purpose to use it to kill his neighbor you would be liable to arrest and prosecution as an accessory to the murder, but while we are much shocked when a private individual assists his neighbor to commit a single murder and insist that he should be arrested and punished for his crime, we seem to regard it as entirely legitimate to assist in wholesale murder.

### Opposes a State Highway Commission

A. N. Chafin of Benedict, Kan., writes me expressing his disapproval of the plan to create a state highway commission.

"Such a commission," says Mr. Chafin, "would not know what we need in this locality. Such a commission cannot properly direct the making and care of roads all over the state while sitting at Topeka. We have a man in every county to look after our roads and he goes, or should go, over the roads every week and see what is needed, he making the plans as to how the work should be done and the foreman working in accordance with those plans.

"I have been making roads for ten years and think that I can tell any man who has made roads for twenty years, on paper, something about the business. You can read how to make roads and how to build culverts and bridges all your life but if you do not have the experience you will lose out when you try the actual work."

I do not believe that the legislature will favor the creating of a state highway commission. The fact is that we have been running too much to commissions for several years. The trend of public sentiment is against more commissions with salaries attached.

### We Should Take Care of the Home Folks

Writing from Hepler, Kan., O. F. Meyer says, "I am a new subscriber to the Farmers Mail and Breeze. I agree with most of your arguments especially on the new currency law. However, I have one criticism to make.

"Governor Hodges, Ex-Governor Stubbs and a few other notable men take great interest in the Belgium relief fund. The Lincoln Free Press, a German paper published in Lincoln, Neb., is collecting money for the Germans. A few other societies are making collections to support the homeless people in Belgium. A month ago Kansas, alone, shipped 100,000 barrels of flour to Belgium (In this the writer is mistaken. The total shipment of flour from Kansas to Belgium to date is less than 30,000 barrels. It is probable, however, that the total shipments before Kansas quits sending relief will amount to 100,000 barrels.—Ed.) while just today I read an article in the Kansas City Star stating that in Arkansas,



our neighboring state, families were starving to death for lack of food and clothing.

"Do you believe, Mr. Editor, that it is right to contribute great sums of money to European countries when our own country is suffering for want of food? Do we not disregard Christianity when on the one hand we gathered at the request of the president November 4 to pray for peace and at the same time send vast amounts of money and provisions to that country so that the battle may continue?"

"I say let Belgium, Germany, Austria, Russia, Great Britain and France face their own difficulties. If they cannot sustain the battle any longer why do they not quit fighting and live in peace? We all know that this war will not end until the resources of one nation or perhaps all are exhausted. Large donations from Kansas and other parts of the United States only tend to prolong the war."

If we were donating to all the nations alike there would of course be a strong point in what Mr. Meyer says. The case of Belgium is however, exceptional and peculiarly pitiful. Without fault on the part of the Belgian people, so far as we can learn, they have been punished most terribly. They could not have prevented the war in the first place, nor can they stop it now. Their country is trampled over by contending armies, their crops and homes are destroyed. Many of them have been killed or wounded and many thousands of others driven into exile.

Germany invaded Belgium without right and should pay the damages so far as it is possible to pay damages of that sort, but at present Germany cannot be compelled to right the wrong done Belgium and the Belgian people. France and England probably have about all the suffering they can take care of at home. Common humanity would seem to urge that the people of the United States shall contribute what they can spare easily, to help the sorely afflicted Belgian people.

I do not think any one has been seriously hurt by the contributions made to Belgium and neither do I think that the contribution to Belgium will materially lessen the amount given in charity to those who need it in the United States. Most of the people who contribute to the Belgian relief fund will contribute with equal liberality to the destitute nearer home.

I might say in passing that I very seriously doubt the truth of the story that people are starving to death down in Arkansas. As I have said elsewhere, I do not believe there is any need that any one should starve to death anywhere in the United States. Possibly there are cases of starvation but if the persons so starving would make their wants known they would be provided with enough to eat and something to wear.

### Only One Kind of Reform a Success

L. C. Knudson, of Waterville, who evidently is a scholar and reader asks me the question, "Do you think that the remedy for the chaotic, conflicting and world-wide disorderly state among men lies within a certain but yet undiscovered civil system of laws yet to be inaugurated and enforced?"

Mr. Knudson then proceeds to answer his own question, first arguing at considerable length to prove the negative and finally arriving at this conclusion:

"The fact is that neither despotism, limited monarchy, republicanism, democracy, socialism, anarchism or any other conceivable ism, merely human or political can ever govern the world successfully. Why? Because no lust is thereby removed from human nature; it is only checked and damned up, finally to break out with renewed force.

"The only system capable of saving the world from utter destruction so dreadfully threatening the future is the unfalsified Christian system, practically applied in the educational institutions of all lands on the globe. That land and state that adopts the law of God, the Decalogue, for its supreme constitution and civil rule will survive when every other state or nation neglecting this has ceased to be."

I might say that if it were possible to put into practice in all the nations of the earth the Golden Rule it would solve all the problems of government; establish universal and lasting peace; abolish injustice, poverty and crime; do away with prisons and criminal courts, and in short, make the world a paradise. The Golden Rule would embrace all that is good in the Decalogue and would be even broader in its scope than the Decalogue.

Now it is easy enough to say, "Let the nations and the people thereof adopt and put into actual operation the Golden Rule or the Decalogue," but the serious question arises, How is the rule to be put into operation?

Mr. Knudson says adopt the Christian system. But who is to determine what is the true Christian system? And how is it to be put into operation? Professing Christians who seem to be honest in their belief do not seem to be able to agree. I get a great many letters from professors of Christianity whose sincerity I have no reason to doubt, but they seem to have more animosity toward one another than toward the outside world. If I were to open the columns of the Farmers Mail and Breeze to all these letters it would be filled with tirades of intolerance and abuse of professed Christians and professed Christian denominations by other professed Christians. And here as I have said, arises the difficulty in putting Mr. Knudson's plan into operation.

I have no doubt that Mr. Knudson has some well defined opinions as to what constitutes real

Christianity and I have no doubt either that he is entirely sincere in those opinions but if he were to promulgate a plan by which the entire world could be brought into a Christian system he would find himself strongly combatted by other professed Christians.

Now while I would be glad to see the world put into actual practice the Golden Rule I would most emphatically oppose church rule no matter what church might be in command. The most tyrannical and least progressive government the world has ever seen has been church government.

In the name of Christianity unnumbered wrongs have been committed and the most atrocious cruelties have been perpetrated under the authority and with the full sanction of church authorities. I want no church-governed state, neither by Mr. Knudson's church or any other. This much I will say, however: No system will succeed permanently unless it is founded on the principles of everlasting justice and brotherhood laid down in the Golden Rule.

### The Citizen Should Be Willing

Editor The Farmers Mail and Breeze—I have read your article in the Farmers Mail and Breeze, entitled "Militarism Unpopular at K. S. A. C." with great interest and in common with the majority of your readers, commend you for your sensible position. It is certainly a poor type of citizenship whose patriotism is only stirred by a character of mental hypochondria, in which carnage, distress and cadavers are conspicuous and the flag battle scarred and blood stained.

Yet, should the occasion arise, the American citizen is ever willing to adopt militarism in defense of his home, his industrial and political rights. These three constitute the cardinal features of the American republic. It is possible there is a degree of danger in our unpreparedness for national defense and it must be admitted there is, without doubt, a growing antagonism toward the military branch of our government. There is a reason for the existence of this feeling and certainly it is well to learn the cause.

The principal demands made upon the different arms of national defense of late have been policing the property of American corporations in foreign countries which are in part or wholly owned by citizens; this wealth is not subject to the laws or taxation in this country, in which event services and the lives of the service are given gratis, or in the questionable occupation of enforcing a wage scale for a domestic corporation, the stock of which is partly or entirely foreign owned. Militarism here consists in your furnishing a manly son for the services above enumerated and patriotism consists in being too dense to reason.

Three great wrongs are being inflicted upon the American public; namely, the indiscriminate use of the injunction, the unwarrantable disregard of constitutional rights by the military and the reckless shooting of the families of the laboring class. The men who are directly benefited by these mailed fists of unsavory reputation lean heavily upon the first named, rejoice over the second and furnish no recruits for the military. While their sons are too busy enjoying the benefits derived through the system, both father and son are strong advocates of the methods.

What do you think, Mr. Reader, of that class of labor that is lining the tracks of our Kansas railroads? These roads are asking 3 cents a mile for travel; they want dividends according to the American scale and they want labor upon the Mexican!

To cause a revival of the military spirit in this country there must be a cause from without and less of the other from within. No true man relishes the idea of herding half starved, shivering men, women and children in bull pens. That character of service is becoming more and more unpopular. Civilization may, or it may not be far enough advanced to permit the disbanding of our soldiers. But civilization is far enough advanced to condemn the killing of laboring men, whose principal crime consists in the asking for better living conditions.

C. A. SWALLOW.

The article referred to concerning militarism at the Kansas Agricultural college was not written by the editor, but by Mr. Hiatt, of Manhattan, to whom credit was duly given.

I think it is true that a very large majority of the citizens of the United States feel that if such a necessity should ever arise it would be their duty to defend their country from invasion. And possibly they would not object to a reasonable amount of drill and preparation for such a contingency. However, a standing army and vast idle navy are a menace to peace for the reason among others, that they are based on the theory that a government should have a distinctly military class whose sole business is to be ready to fight. That is, we are to support a large army of professional fighters who are steadily drilled away from every useful art and profession and like the professional prize fighter are really made useless for any other business except that of knocking out other men by skill and brute force.

My opinion is that this system has a tendency rather to destroy than to increase the spirit of patriotism and willingness to defend one's country. The average citizen comes to think that it is not his business to defend his country from invasion if that should ever become necessary, but rather that of the professional soldiers.

### We Should Do One Thing or the Other

Editor The Farmers Mail and Breeze—I have been taking the Farmers Mail and Breeze for several years and always read your Passing Comment with much interest. I wish to congratulate you on your fairness in all discussions. Neither do I approve of some of the slams you get for expressing your mind about things as you understand them. There are a great many useless things in the world but one of the most useless is to try to bring anybody to your way of thinking by abuse.

Now in regard to this bully country of ours having or not having a large standing army and big navy. That is a question that it is hard for me to decide. It seems to me that we should do one

thing or the other; either be prepared to fight as many nations as would be likely to tackle us at one time or get out of the fighting business altogether and trust ourselves to the fairness and mercy of the outside world. Of the two alternatives I rather favor the latter.

No reasonable man can doubt for a moment that Belgium would have been much better off both in lives and property if there had not been a sort of a gun in the nation when Germany asked to go through, and furthermore, my private opinion is that if our government had kept its war vessels out of Spanish waters there would have been no war with Spain. I think that if our war vessels that are over in the Turkish waters were brought home at once we would not be nearly so apt to get into trouble in Europe.

Let us either prepare for war or take the chip off our own shoulder and be peaceable. I rather prefer the latter course.

J. J. HUNTER.

I might remark in passing that there is a considerable amount of good hard sense in the foregoing remarks by Mr. Hunter.

### Questions Answered

Editor The Farmers Mail and Breeze—I desire sand for building purposes but my farm does not lie next to the river (the Republican). Can drive to the sand bar by way of the public highway. Under these circumstances can any charge be made in accordance with the new regulations which went into effect about a year ago?

SUBSCRIBER.

Clyde, Kan.

The attorney general holds that any citizen has a right to take sand from the river without charge provided it is for his own use. He also holds however, that the person desiring to take the sand should apply for a state license or permit. No fee is charged by the state as I am informed, for a license of that kind.

Editor The Farmers Mail and Breeze—Will you kindly give your readers the dates of legal holidays in Kansas and the status of these holidays as between employers and employees? In the absence of a special agreement at the time of hiring has the employe the right to collect pay for a legal holiday when not working?

KANSAS SUBSCRIBER.

There are five days recognized as legal holidays by the Kansas law: Memorial day, May 30; Labor day, first Monday in September; Columbus day, October 12; Washington's birthday, February 22 and Lincoln's birthday, February 12.

Unless there is a contract verbal or written to that effect employes cannot collect wages for legal holidays. New Years, Fourth of July and Christmas are not recognized by the Kansas laws as legal holidays.

## Liquor the 1916 Issue

"The liquor question is no longer a religious question," declared Representative Seldomridge a few days ago in the memorable debate in the House of Representatives, "it is now a political and an economic problem."

National prohibition is demanded for the reason that the federal law gives brewers and distillers permission to violate and defy the state laws of prohibition states, by permitting them to ship liquor into those states.

It also is demanded because the small minority of wide-open wet states, by sheltering this health and prosperity-wrecking business are making it constantly difficult for the other forty states, in which some form of prohibition exists, to thoroughly enforce their laws against the traffic.

The present situation with prohibition in one part of the country and the open saloon in the other, compares with the usual conditions under local option—it simply transfers the traffic to the nearest wet community or commonwealth where it is out of reach of the law and where it makes conditions worse in the wet community than they were before.

If we wait for local prohibition sentiment to become strong enough to bring state-wide prohibition to all of these wet states, generations may pass before we can rescue the whole country from the degeneration of drink by making prohibition completely effective from coast to coast. Those wet states contain great cities and densely populated slums, by which Crooked Politics and the Saloon rule all their people absolutely. To free them from these curses, help must come from the outside, and it can only come soon and effectively in the form of national prohibition.

In the United States at this moment, sentiment for national prohibition is widespread, overwhelming. We need only organize it.

Here in Kansas we know no greater blessing can be bestowed upon the American people.

In every state, particularly every prohibition state, an organized effort should immediately be begun to rid the Nation forever of the saloon and all other forms of the drink curse. The time to press the fight is now, before the next presidential election, that the issue may then come squarely before all the people.

It is my hope that Kansas will lead this great movement, that the Kansas people will welcome enthusiastically the great privilege and the great responsibility which has become theirs by reason of the tremendous results they have attained through the strict enforcement of their prohibition law.

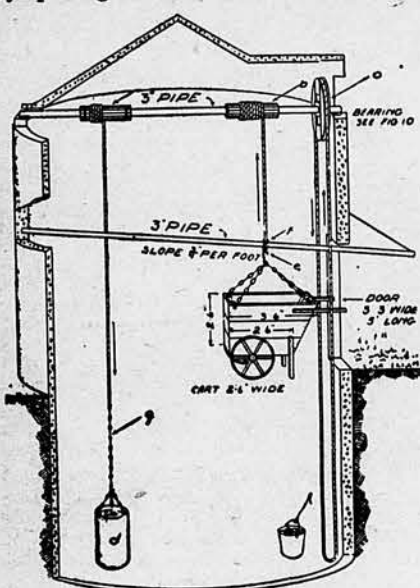
Arthur Capper



# Ideas That Count

## Lighten Your Work With Some of These Homely Inventions—Not Patented

**T**HIS hoist is for use in semi-pit silos, or it may be adapted to pit silos. It consists of a 3-inch pipe carrying a wooden wheel and two wooden drums. At d is shown the counterweight which may be an old milk can filled with scrap iron. It should be slightly lighter than the weight of the cart and the silage. The cart is shown in the raised position with the counterweight down in the silo. A chain is shown at g on the rope to the counterweight. This is to allow adjustment of length so the weight will just touch the silage when the hook at f is in a position to allow the cart to hook onto the 3-inch pipe. The operator steps into the cart and by pulling on the endless rope raises



A Hoist That Works Well.

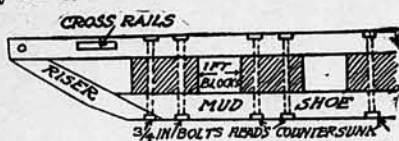
himself and the cart sufficiently to release the hook. He then pulls on the opposite side of the rope and lowers himself into the silo. This operation raises the counterweight (d) which must be held aloft, while the box is being filled, by the weight (h) which is hooked to the endless rope. After the box is filled the operator can step into the cart and hoist himself with cart and feed. When the cart reaches the door the hook (e) slips over the pipe, the operator steps out, releases the hook (f), and attaches it to a convenient loop; then by means of a quick pull, runs the cart out onto the grounds, and releases hook (e). The silage is now ready to be taken to the stock.

When the silo is being filled, the 3-inch sloping pipe should be removed and replaced when the silage has been fed down to a place where the hoist is again needed.

Nebraska Experiment Station.

### How to Make a Farm Sled

Timber of any size may be used for making the sled illustrated here. The mud shoe need be only two-thirds or three-fourths as heavy as the top rail. The mud shoe and top rail are separated by three blocks, which may be of same



Construction of Runner.

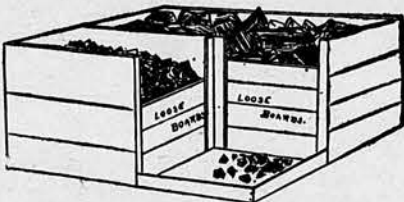
size as top rail, or if you wish a higher sled, use heavier blocks. Spike the riser solidly in place across the front end. Use soles, or shoes, on this sled, and use any tongue arrangement you prefer. A great many sleds of this kind are used here.

Joe Mastin.

### Neat and Handy Coal Box

We all know how unpleasant it is to have to shovel up coal from an ordinary box. In one corner of the barn I have two boxes, one large and quite narrow, the other nearly square. In the corner

formed by the two there is a shallow box only a few inches deep. The side of the one and the end of the other are partly cut away so the coal can be easily gotten at by removing the loose boards which close the openings. When



Useful on a Cold Day.

the box is full, any coal which may run out drops into the shallow box. Different sizes of coal may be kept in each box and mixed as wanted.

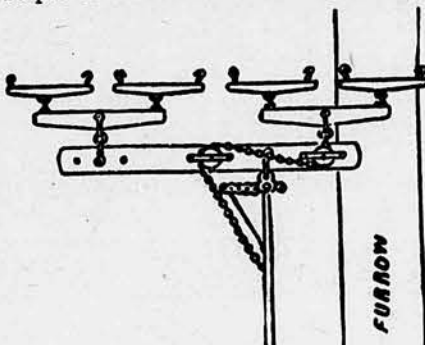
Jefferson County. John Upton.

### Evener Without Side Draft

Here is the description of a four-horse evener which will allow one horse to travel in the furrow and three on the land side without side draft, as given in the Wisconsin Agriculturist.

The cut will show how the evener is made, and the measurements are as follows:

Two doubletrees of ordinary length, a good tough stick of which to make the long evener, two iron pulleys which will let a strong small link chain work through them, two bolts to go through the pulleys, and two strap iron braces over the pulleys, will be needed. The stick for the evener should be 5 feet 4 inches long, and the first pulley will be put on 7 inches from the right end of



How the Evener Works.

it, measuring to center of pulley. Measure 15 1/4 inches from the center of this pulley and bore hole for the plow clevis. Now measure 30 3/4 inches from the right end of this evener and bore hole for second pulley bolt so that the two pulleys are 24 inches apart.

It is best to bore two or three holes at the left end of the long evener. Put the first one 3 inches from the end and the others 2 and 4 inches farther in. This evener works one horse in the furrow and three on the unturned land with no side draft, say those who have used it.

### Do You Know How to Make It?

I wish to know how to make a tread power for one or two horses. If some of your readers will send letters to your handy device page, telling how to make such a power, I shall be very much obliged to them.

C. A. Waits.

Cassoday, Kan.

### A Minnesota Stalk Breaker

This stalk breaker is not hard to make. The plank in the illustration is 3 by 8 inches, and long enough to break five rows. The hitch is easy, and any blacksmith can soon make it. Bolt the rods to the plank about 4 feet from



each end, to keep the plank from jumping. Two rods attached to the same ring may be used instead of the brace shown in the illustration. Along the lower front edge of the plank nail an old wagon tire, with worn side of tire next

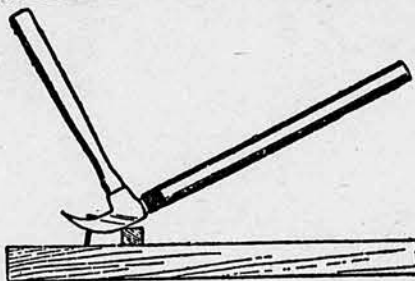
to plank, and sharp cutting edge down. Use when stalks are frozen.

Plato, Minn.

M. D. Shramm.

### Helping the Hammer Handle

In drawing some very large nails one day I found that the strain was too much for the hammer handle and I devised the arrangement shown in the sketch. A 2-foot length of a suitable sized pipe was slipped on the face of the hammer head and used in connection



How the Pipe Is Used.

with the hammer handle. A block was placed under the hammer head, and the nails were pulled without any strain on the wood handle.—Popular Mechanics.

### Tells When Box Holds Mail

Here is a good way to tell whether there is any mail in a mail box that is quite a distance from the house, without going to the box.

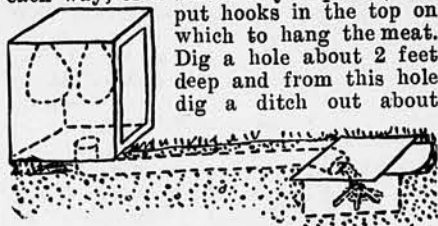
Nail a flag to the post on which the box rests. Then tie a string to the end of the flag and put a weight on the end of the string. When the box is empty put the weight on the top of the box. When the postman puts mail in the box the weight will fall off and will bring the flag up so that it can be seen from the distance. Whenever the flag can be seen you may know the postman has left some mail.

O. A. Stirl.

R. 1, Weimar, Tex.

### If You Have No Smoke House

This drawing shows a good scheme of smoking meat when you have no smokehouse. Take a box 4 to 5 feet each way, or a barrel if you prefer, and put hooks in the top on which to hang the meat. Dig a hole about 2 feet deep and from this hole dig a ditch out about



Just a Large Goods Box.

5 feet. Lay some old stove pipe in this ditch and cover the hole with a piece of sheet iron. Set the box over the outer end of the pipe, open end down, and you are ready to build a fire in the hole. Leave the hole partly open so as to get at the fire and also furnish a draft.

Roy Leggett.

### Clevis For a Door Latch

To make a handy barn door catch bore a hole through the door a few inches from the edge and pass an old wrought iron clevis through it as shown. The clevis should not be too wide at the bend. If it is too wide, heat and bend it to the proper width. Bore a hole through the casing at the right height and drive a peg through to hold up the clevis when it is dropped. Such a latch enables one to open the door from either side.

Butler County.

A. B. Ewer.

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# Torrens An Optional Law

Farmers Are Eager For Facts—Egg Prices For 30 Years

BY HARLEY C. HATCH

WE HAVE received many letters asking for more detail about the Torrens system of land transfers. Mr. McNeal gave some attention to this system in the Farmers Mail and Breeze, December 26. At the risk of repetition we will answer a few of the inquiries briefly. The proposed Torrens transfer law need not be made compulsory. In fact, in many states it is optional with the land owner. It could be made optional here. Then a man could wait until he sold his land or made some change in the title before taking out a Torrens title. To do this would then cost no more than a transfer of title would cost the average land owner under the present law. The average cost of getting the title of a 160-acre farm in condition to be registered is given as about \$40; the present cost of making an abstract and having a lawyer pass on the title is fully as much. On the other hand, after the title was once registered under the Torrens law the cost of transferring it would be only \$3.

By making it optional with the land owner as to whether he would register his title under the Torrens law time could be given him to make the change, and that time probably would come when he made a transfer of his land or procured a mortgage; anything, in short, which would compel him to get an abstract. Then he could make the change at no additional expense. This would take time but would be better than compelling land owners to make the change at once. When a farm changed ownership it would of course come under the new system for it would cost no more to do it, and the Torrens title would be superior to the old kind because it would show that all kinks in the title had been straightened out and that any future transfers could be made at the low price of \$3. We believe an optional Torrens law along this line would be a very good thing for the people of Kansas.

Now for a few more questions: The cost of an abstract varies greatly according to the number of transfers. If a man had taken a farm directly from Uncle Sam and had never mortgaged it and had kept it until the present, he would not be called on to pay much for an abstract. But with the average farm in eastern Kansas there have been many direct sales and mortgages recorded and released as well as sales for taxes, and there are many which show records of sheriff's sales. In this county we should set the cost of an abstract for the average farm at from \$35 to \$50. If this abstract shows some little flaw in the title there will be a case in court to quiet the title with more costs, averaging about \$50. In this county the lawyers who pass on titles will no longer accept the abstracts made out a few years ago so that if a land owner wishes to sell or mortgage his land he must have a new abstract even if there has not been a change of title since his last abstract was made.

The older form of abstract in use in Kansas a few years ago contained only the title of the transfer as "Warranty Deed.—John Doe to Richard Roe." Now the abstract must contain a complete copy of every paper ever recorded in connection with this piece of land whether deed, mortgage, tax sale, release of mortgage or quit claim deed. This, it may well be imagined, makes the abstract a costly and bulky thing. The man who has never had an abstract made is due for a surprise when he comes to pay the bill. We do not know whether this system of abstracting is in use in every county in Kansas, but suppose it is. The cost of the abstract is not proportioned to the size of the property, either. The small house in town, which probably has changed ownership many more times than the average farm, has to pay accordingly, for it is not the size and value of the property but the number of entries that makes up the cost. We ask your pardon for using so much space for this matter but we judge from our letters that it is a matter of great interest to the people of Kansas in view of probable action by the coming legislature.

We have a letter from a western Kan-

sas reader who, knowing that we live in the great prairie hay section of the state, asks for information regarding the advisability of buying a power hay baler. There are a number of such balers in use here and there is no doubt that they will do the work. They will bale almost all the hay that can be got to them in the course of a day. There are instances in which almost 50 tons have been baled in one day and 35 tons a day is nothing out of the ordinary. In comparison with these are the horse power balers which make an average of 10 tons a day. It is a question of handling labor successfully as to which kind is the most profitable. Not every man can handle labor and earn money from it. If he can do so, he probably will do well with the big power baler. There are men here who earn money with them and there are men who have sunk money by trying to operate them. The horse power presses, which require only three men, reduce the labor problem to its lowest terms. For the ordinary man they probably are the most profitable.

A look over our poultry accounts for the last year shows that we have received the highest level of prices for eggs of any year since we began to sell them, which was more than 30 years ago.

Advanced prices for farm products are caused by the fact that the demand for food products is becoming greater than the supply. When the level of

The Kansas people have just seen the whitewashing of a political board proved to have let public contracts to high bidders instead of to the lowest bidder. The merely political newspapers have made a great hurrah over the "exonerated" of this board by a legislative investigating committee. Yet the people know the truth. The newspaper that cannot rise above politics in a case of this kind, in which the public good is involved, is unworthy of the name of newspaper in these times.

prices becomes so high that farming is one of the most profitable industries then we may look for more men to become farmers. The reason more do not farm is because farming is hard work and means much exposure. If farming was as easy as much of the city work there would be no scarcity of labor on our farms.

We hear many say, "I wouldn't work out on a farm unless I couldn't get anything else to do." Personally we don't blame them. We have worked a farm hand enough to know that it is not an easy job. But at the prices which have obtained in the past the farmer could not allow city hours and pay city wages. If he had tried this he would have lost everything he had in a short time. This was because farming has not in the past paid as well as other occupations. But it is now paying well and is going to pay better. The farmer who owns his farm will in the future be the best situated of any class in the land.

Our mail this week has brought us a dozen or more inquiries from persons who wish to buy corn direct from farmers. We cannot cite them to any farmer who has corn to sell in car lots. There are farmers who have that much corn but it is not for sale. Most of the corn now being sold is going to market in wagon loads. For this reason it is necessary to buy from some grain dealer. The farmers near Emporia have an association for selling their collective products in car lots but the farmers around here have no organization.

## Now For Good Roads

The subject of good roads legislation will be a very live one at the beginning of the session and the chances are that a dozen or more bills will be introduced. I believe that one bill should incorporate all the needed legislation but to do this

successfully and to the credit of Kansas will require a great deal of work. I want to see one provision in the new law that will make it easy and popular for the counties to begin building a system of permanent roads connecting all county seat towns in Kansas. This can be done by each county levying a half mill tax each year and investing the funds in building four roads radiating from the county seat toward the county seat towns in the four adjoining counties. Within less than ten years every county seat in Kansas, especially the eastern two-thirds of the state, could be connected by a permanent road. The tax would be very light and no bonds.

Scott township, Bourbon county, has demonstrated the success of this plan by building seven rock roads from Ft. Scott to the township line during the last few years and at no time was the tax levy over a half mill. Everybody in that township is delighted with the permanent roads and other parts of the county are planning to start some system that will bring the same results.

Many of the counties have designated certain roads as "County Roads" under the present law. These county roads carry over 80 per cent of the travel and when these roads are permanent and extended to connect all county seat towns the people will really have a system of hard roads that will be quite complete both for county, inter-county and state travel.

To carry out this plan a state highway commission or commissioner would be quite necessary but it would find plenty of important work to do in the interest of good roads. Kansas probably can have no federal aid in building roads nor even do any road work itself until the constitution is changed, and if this plan were adopted by the present legislature any county that wanted to begin could do the preliminary work at once and the tax levy could be made next fall and the work on the roads be started before twelve months from the passage of the law.

Kansas is at the bottom of the list in the matter of improved roads. Our total of permanent roads is only 275 miles. Ohio has 24,106 miles of hard roads and the state has a law providing for a system of improved inter-county highways and under this law the people petitioned the state highway commissioner this year for over 6,000 miles of permanent roads. If Kansas would once get started on the right system our roads would soon be improved as rapidly as Ohio or Indiana or any other state.

I should like to hear from the good roads advocates of Kansas on this proposed law and if anybody can offer a better suggestion let us have it. I am prepared to discuss the matter more fully with anyone interested.

J. Frank Smith.

Pleasanton, Kan.

## To Increase the Profits

Farm profits may be increased by the education of the individual and teaching methods which will bring profits. This can be accomplished among the boys and girls by our colleges and schools. Our farms, however, are in the hands of men in the prime of life. They will operate these farms for the next 20 or 25 years. For this reason, the problem of adult education is as important as that of the boy and girl. It deals with the present and determines our prosperity and effectiveness for a quarter of a century hence.

One, if not the most effective, method of obtaining this result is through the use of the field agent and farm demonstrations. This man, located within a restricted district, is in daily contact with the farmer. He may, through the establishment of demonstrations in alfalfa, livestock feeding or care, crop rotation, corn production, or other phases of farm practice, call attention to the possibilities of the production of that region. Successful demonstrations are followed in the community and within a comparatively short time marked changes may be brought about in a community or the state.

Two governors, those of Oregon and Massachusetts, have suspended the hunting season this year because of increased danger of forest fires when the woods were exceptionally dry.

The use of liquor and tobacco constitutes the greatest cause of high living expenses in many families.—Mrs. J. Fredonia, Kan.

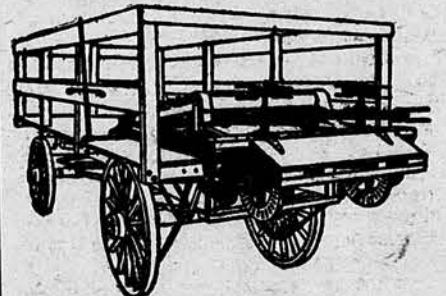
## Don't Burn Your Straw!

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You don't see many burning straw piles any more, because farmers have found that properly used, the straw from a 40-acre field is worth \$100 in gold.

By spreading straw hundreds of farmers in the wheat belt have increased their wheat yields five bushels an acre. Besides this, they have also stopped crop losses due to soil blowing. Farmers realize that the time is past when they can afford to go on year after year raising smaller crops—or to lose them by soil blowing.

Other methods may be all right but the quickest, cheapest and surest way to stop soil blowing is to spread straw—a straw spreader solves this problem. With a straw spreader you can easily cover 20 acres or more a day, and besides protecting your crop from the winds you increase the fertility of your land at the rate of \$2.50 for every ton of straw you spread and insure your crop a good supply of moisture whether the rainfall is up to standard next summer or not.



Professor W. M. Jardine, of the Kansas State Agricultural college, in a recent address, urged the farmers to return every ton of unused straw to the land. Wm. Knop, of Preston, Kan., reports that his straw spreader makes him \$500 a year easily—Curtis M. Brown, Jos. Pfoff, C. H. Peterson and scores of others who have used straw spreaders for several seasons say they are big money makers and that they could not afford to be without them.

The Simplex Straw Spreader can be attached to any header barge or hay frame in a short while and the cost is a mere trifle compared to what it will make you in a single season. Besides being used for a straw spreader it can be used for spreading manure. Many farmers who own both use the straw spreader for spreading manure and let their manure spreader stand idle or sell it because they like the way the "Simplex" spreads manure the best.

The Manson Campbell Company, 847 Traders Building, Kansas City, Missouri, will send any farmer a brand new Simplex Straw Spreader, without the payment of even \$1 down, to be used on a 30 day free trial. If you are satisfied with the spreader you can have a whole year to pay for it. No farmer can make a mistake buying a straw spreader on this plan because it will pay for itself ten times over the first season.

A very interesting book on straw fertilizer and soil blowing has been issued by the Manson Campbell Company. It contains pictures and letters of scores of the best-known farmers who have used straw spreaders for several years. It will be sent free to anyone who writes for it.

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# What's Wrong With the Farm?

## Country Children Fail to Reach the Standard of the City

BY MABEL GRAVES

"THE country child is less healthy than the city child." This surprising statement sends the average Kansan instantly to arms; for have we not always known, and haven't our parents known before us, that the country child is red cheeked and sturdy, as a result of fresh air, milk and eggs more than he possibly can use? Yet this damaging statement is made by no less an authority than the American Medical association, which for two years has been working in co-operation with the national organization of teachers known as the National Educational association, making an investigation of the health of school children.

In the course of this investigation a careful study was made of a large number of school districts in the South. Special surveys were made in Connecticut, Vermont, and New York, as well as general investigations in every state in the Union. Special studies of rural conditions were made in Idaho, Massachusetts, Pennsylvania, New Jersey and Virginia, and all told the same story.

Dr. T. W. Wood, of Columbia university, chairman of the committee from the National Educational association, says: "We grew up with the notion that school children in the country were bound to be much healthier than the children of the cities. Our parents always thanked the little red school house for their excellent constitutions. Of late years, however, a good deal of suspicion has been cast on that same little red school house. We have begun in this day of sanitation and medical inspection to have our doubts about those unqualified benefits."

Dr. Wood then gives a few specific instances in proof of the general proposition that the country school child is from 15 to 20 per cent more defective than the city child. In Pennsylvania he made a study of 1,831 rural school districts and compared the health of the children in these districts with children in some of the larger cities in that state. In Altoona, the percentage of defective children, that is, children who were in some respect inferior physically, was 69 per cent; in Pittsburg, the city of coal dust, 72.2 per cent; while in the rural districts studied the aggregate of defective children amounted to 75 per cent. This means that three-fourths of the 294,427 country school children in Pennsylvania are in need of special care and treatment; while even in New York City, with its slums, only 72 per cent of the children are at all defective.

### Country Children Poorly Nourished.

In New York City, with all the disadvantages of city life, the number of school children with lung trouble amounts to only a fraction of 1 per cent, while 3.7 per cent of all the school children of Orange county, Virginia, suffer from some affection of the lungs. When the nutrition of rural school children was considered it was supposed that here, of course, the country child would greatly surpass the child in the city; yet the average of malnutrition among the school children of New York City is 23.3, while that of rural school children in the districts investigated is 31.2 per cent.

The same startling result is found when the figures for mental defectives are compared. Statistics from 25 cities and from rural districts in Pennsylvania, Massachusetts, New Jersey, Idaho and Virginia were compared, showing that the average of mental defects among city children was 0.2 per cent, while the average among rural school children was 0.8 per cent.

Heart disease is twice as prevalent among country children as among city school children. City school children



have only 0.13 per cent of curvature of the spine while rural school children have 3.5 per cent. Ear troubles are five times and eye troubles four times as frequent among country children. Adenoids are found in city school children in 8.5 per cent, but in the country the percentage is 21.5. The children in 25 cities showed an average percentage of enlarged tonsils of 8.8, while a similar number of country children showed over 30 per cent, and in Idaho the percentage ran up to 43.9.

Discussing the causes for these startling conditions, Dr. Wood finds that even in the slums, where the pinch of poverty is the sharpest, the food is better prepared than it is in the country, while the distance from dentists, oculists and clinical advantages accounts for the large number of defects in sight, hearing and teeth. Country houses are often drafty and overheated. The chances for house infection are greater and children are more exposed to cold, heat and dampness. The school houses are often old and carelessly built and have insufficient equipment.

In seven states there is no regulation of the sanitation of country schools. Heating generally is by means of a stove, and bad ventilation usually is the result. Seating accommodations are bad, and general, sanitary conditions often are unspeakable. Frequently the only provisions for cleanliness are a pail of water, a dirty basin and a common towel. Drinking arrangements are bad, and drinking water often is contaminated.

Dr. Wood sums up the situation thus: "Now take into consideration the many other contingencies which the country child has to meet—physical labor, chores before he starts for school in the morning, a badly assorted breakfast, a long walk over bad roads—then subject him to direct infection, to bad water, and it is small wonder that he falls prey to a dozen maladies more readily than does the city child."

The reason for these deplorable conditions seems to be that not one state in five provides decently for its country school children. In most of the cities some kind of supervision and care of school children is maintained, but rural schools have so far been left largely to shift for themselves. "The welfare of our country," says Dr. Wood, "depends on no factor more indispensable, more vital, than the welfare of our rural life. Our finest crops are our children. The farmer does not see this truth. If he did, he would rise and demand state protection for his youngsters—a more important matter than tariff regulation."

### Kansas Crops Were Large

With 5,279,552 acres planted to corn this year Kansas produced 87,338,272 bushels, worth \$59,320,146. Gauged by its aggregate value this is the tenth most important corn crop in the state's history. With respect to total yield, however, it comes thirty-second. Annual productions in only four of the past 25 years have been less, in 1913, 1901, 1894 and 1890, while the acreage planted is the smallest in 29 years, excepting 1891.

The reduced acreage is attributed to the disappointing crop of 1913, and the very largely increased sowing to wheat in the fall of that year. So much more land sowed to wheat left less for corn. It is noteworthy, however, that the combined acreage of corn and wheat this year is practically the same as it was in 1913. This suggests that while the acreage in one or the other may shift, up or down, according to seasons, conditions, or the plans of the growers, the

farmers count on devoting just about so much land to these two crops annually. Together, corn and wheat comprise 70 to 75 per cent of the state's yearly acreage in field crops.

In only four years has corn averaged higher in value a bushel in Kansas than in 1914. Two of these years were 1864, when the average was \$1.37 a bushel, and 1868, when it was 99 cents. The other years were 1874 and 1913, when corn was worth 77 cents and 72.6 cents a bushel respectively. This year it averages for the state nearly 68 cents a bushel. In marked contrast is the average of 16 cents a bushel in 1896, or 18 cents in 1897 and 1889. Kansas raised its largest corn crop (273,888,321 bushels) in 1889, but this year's yield, less by about two-thirds, is more than 7½ million dollars greater.

The better acre yields are principally in the counties south of the Kansas River, and in a half-dozen adjoining counties north of the river, four of which border the Missouri River. Allen and Wyandotte lead with 29 bushels each, followed by Doniphan with 28 bushels, Chase 27, and Anderson, Bourbon, Coffey, Douglas, and Montgomery with 26 bushels each. The lower acre-yields are in a dozen counties in the central third of the state, conspicuous among these being Clay, 2 bushels (the lowest), Lincoln and Russell 4 bushels, Osborne and Mitchell 5 bushels, all in the northern part, and Harper 5 bushels, in the southern tier. The largest aggregate yields this year were in the counties of Smith, with 2,403,360 bushels, Coffey 2,269,696 bushels, Jewell 2,257,290, Lyon 2,231,472, Brown 2,196,964, Osage 2,105,092, and Allen 2,032,088 bushels.

The 1914 oats crop of 45,348,857 bushels, from 1,462,891 acres, is the fifth largest produced by Kansas, and it is worth \$17,780,294. This value is exceeded only by the crop of 1910, when the state's record output of 54 million bushels was valued at \$18,441,607. The production this year is 61 per cent greater than in 1913.

Conditions throughout the state were quite uniformly favorable for oats. The highest acre yields are reported in the counties in the eastern third of the state, Geary and Neosho leading with 40 bushels, and Riley, Crawford, Labette and Montgomery coming next with 37 bushels. The average yield for the state is 31 bushels an acre, which in 25 years has been exceeded only twice, in 1902 and 1910, with 32.2 and 31.6 bushels, respectively. Of the 54 counties reporting yields this year of 30 or more bushels an acre, all are in the eastern half of the state, excepting three or four. Labette county, with the largest acreage, produced the most oats, or 2,770,042 bushels, Sumner is second with 1,720,239 bushels. The seven other counties raising more than a million bushels each are Washington, Sedgwick, Montgomery, Miami, Marion, Marshall and Crawford.

### Sudan Grass Did Well

Several tests were run on Sudan grass at the Dodge City Experiment station this year by F. J. Turner, the superintendent. Plot No. 1 was seeded May 20 in rows 32 inches apart. It was cut for hay July 30 and again October 1. The first cutting gave a hay yield of 1,875 pounds and the second cutting 426 pounds, which made a season yield of 2,301 pounds of hay.

Plot No. 2 was seeded June 6 in rows 22 inches apart, and it was cut for seed August 14. The yield was 252 pounds of seed an acre, and the average height was 68 inches. Plot No. 3 was seeded at the same time, with rows 44 inches apart. It also was cut for seed August 14; the average yield was 335 pounds, and the average height was 70 inches.

Another plot was seeded with a wheat drill at the rate of 23 pounds an acre. It gave a yield of 6,240 pounds of hay on the first cutting and 900 pounds the second cutting, or a season return of 7,140 pounds an acre. The season at Dodge City was very dry this year. These yields would have been increased if a normal amount of rainfall had fallen.

A Patterson, N. J., woman recently paid \$125 for a casket in which to bury her dead bulldog.

Captain Muller, United States army aviator, recently made a new altitude record of 17,441 feet at San Diego, Cal.

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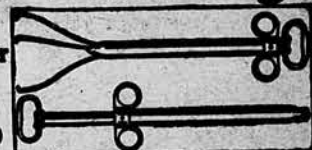
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## Out Looking For Neighbors

Jennie Ann Simpson Makes the Discovery That People Are Just Folks and It's Easy to be Friendly



I WENT over to Mary Sloane's this afternoon, as I often do. She and I have been neighbors for twenty year, come fall, an' I do say I like her better every year.

I said to Jake tonight, "I dunno why 'tis; we've had dozens of neighbors in the twenty-five years we've lived here, but I never cared for any of the others like I do for Mary. Why is it?"

Jake sez, "Search me! She's a good neighbor, though. Why don't you write a description of her," he sez, "and send it to the Mail and Breeze? Mebbe," sez he, "there's lots of folks willin' to be good neighbors and don't know how."

The more I thought about it the more I wondered if that wa'n't so. So I got my paper and set down to write. But law suz! I didn't know where to begin. I kept thinkin' about the time the Bowers were sick down in that little house by the road, on the Hopkins' place. Soon as folks found it out they went right there to help. There was twins, and the little boy had malaria, or sunthin'. The doctor didn't rightly know what was the matter with him. But, my! they was in dire trouble.

Dick Bowers allus was shifless, and he'd had the rheumatiz, and they was hardly a thing to eat or wear that you could mention that they didn't need. Mis' Bowers herself is a real nice woman and comes of a good family. It was too bad for her.

Well, Mely Jenkins she come bustlin' in. She brought a pair of white shoes that her Vera had outgrewed and a little blue silk dress with the sleeves all wore out. I never did know whether they wuz for the twins or the little boy, but that was what she brought.

Mis' Spooner brought a loaf of bread, which was very kind, but she has such a loud voice, and they was only a thin partition between the kitchen and the room where Mis' Bowers wuz. "Land sakes," sez Mis' Spooner, "how ever do these folks git along? It's awful," she says, "to be so dirty and shifless."

Mis' Reed then spoke up. "I doubt if they're any too honest," sez she. "Where I was over Pikeville way I heard they was someone stealin' corn and chickens right along, and they didn't know but what they come from down this away," she sez, gettin' all out of breath and lookin' real mysterious.

Mary Sloane walked in about that time. She had on a clean calico dress and a shawl over her head. She lives right close. She had a basket which she left in the kitchen. She went right in and talked to Mis' Bowers pleasant and kind, and admired the twins, and brought a toy for the little boy. She only stayed a little while, and said she'd come in again in the afternoon. We peeked into the basket after she left, and they wuz a whole lot of good things to eat and some little clothes I know Mary's kept for years an' years.

Somehow after she left things seemed different. Nobody said how bad it all wuz any more, and everybody seemed to want to help. I never will forget the change it made for her to come, and still she never done anything but be kind and friendly to us all.

And then there wuz the time Mis' Judge Bascomb came up to board a while in our little town. She's the daughter of a millionaire and the sister of one an' I dunno what else, and us women wuz reely scared to know what to say when she was around. We allus called our men folks Mister and pretended we used finger bowls and put our washin's out and sich things, and reely it was

a trial to keep up with her. Well, one afternoon I was over to Mary's and here come Mis' Bascomb's huge auto and her shoofier, or whatever you call him. I was almost as afraid of him bein' shocked at our plain ways as Mis' Bascomb, he was so proud and stuck-up like.

They stopped in the yard. I was turrible flustered. Mary was washin' out some of Charley boy's little duds and we wa'n't either of us dressed up a bit. But, land sakes! Mary walked right out and asked them to come in, which they did. The shoofier didn't, but Mis' Bascomb and her little girl did.

Mary was friendly and kind, but just as common as could be. We did have a real nice visit, and Mary give Mis' Bascomb a dish of cottage cheese to take home with her. It seems she fancies that more than anything she has to eat. "My! wa'n't you scared?" I sez after they went home.

"Why, Jennie Ann Simpson," sez she. "They're just folks, and we're folks. Mebbe I can iron them rompers yet afore supper time." It did beat me, how she felt about it.

Then there was the time Widder Jones's boy stole something from Squire

Publishing the names of property owners who rent buildings to resort keepers, fining these owners and enjoining such further use of the property is one of the most effective weapons in exterminating vice. This provision should be in every law book and enforced in every locality. Wisconsin's Anti-Vice committee, in a report remarkable for its practical suggestions, asks that the owner's name also be posted on the front of all buildings used as hotels, rooming and lodging houses, and that all such houses be permitted to do business under a revocable license.

Perkinses, or they said he did. Nobody ever could prove it; but lands! everybody looked down on him and his mother just the same.

Mary went to see the widder and had her to supper and set by her in church just as if nothin' had ever happened. I spoke to her about it one day. I told her mebbe folks wouldn't think so much of her if she done that way.

She never answered me for a minute, then she said, as cheerful as ever, "Jennie Ann," sez she, "we're folks and they're folks, and it ain't very hard to be kind and friendly and it may help 'em a lot." And she kept on bein' so.

The boy, Manuel's his name, is turnin' out right well, so mebbe he never done it after all.

I thought of Mary, and of these things and many others as I set there by the fire. Mary allus wears somethin' white around her neck and wrists, and I s'pose some folks could have written a lot about her; but somehow I couldn't think of but two things to say. She believes that everybody is folks and that you ought to be kind to all of 'em. And mebbe, as I sez to Jake, mebbe that's about all there is to bein' a good neighbor anyhow.

### A Soapstone May Mean Comfort.

I have wondered if people who do not have furnace-heated homes or warm sleeping rooms know of the comfort of hot soapstones for the bed. They are good, too, to have under the feet while

one is doing sitting or standing work on cold floors. Soapstones can be obtained from hardware stores for 25 to 50 cents apiece, according to size. The large ones hold heat better. Lay them on top of range or heater till they are quite hot. They do not burn cloth or paper readily, as do hot irons. Have heavy cloth bags made the size and shape of the stones, with room enough for a thick lining of papers. This lining holds the heat and also keeps the cloth bag from becoming scorched, which would shorten its time of usefulness. These stones have wire balls which make them easily handled. They will stay quite warm all night, much longer than do hot-water bottles, irons, or bricks.

Mrs. B. H. Woodbury.

Lawrence, Kan.

### Europe May Still Hope On

I read in the Mail and Breeze of December 12 the letter from the bachelor of Mullinville, and as one bachelor has started another will follow. I think some of the country girls of Europe would be glad to come to America and take chances on marrying some of the American bachelors if they had a chance to get free transportation. They would not all need to come, and if only a few came there would probably be enough to go around. There would probably be places for a good trainload in this western country, the panhandle of Oklahoma, New Mexico and Colorado. There are a good many sections in this country which have one to three bachelors. If two carloads were to stop at Liberal and they were distributed for 50 miles north and south I think there would be plenty of bachelors to take all of them; and there are several stations farther down the line that would probably take as many. I think the United States government should take this matter up for two reasons: The first is to get help for the bachelors of the country, the second is to get homes for the poor people in Europe.

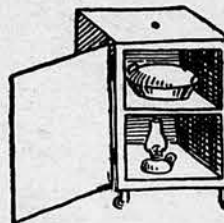
Oklahoma Bachelor.

Gray, Okla.

### Bread Rises in Cold Weather

[Prize Letter.]

The most convenient article I have about the house in the line of homemade contrivances is a box in which to raise bread on winter days. It is made of a grocery box 2½ feet high, 18 inches



wide and 18 inches deep, with a shelf made of 1-inch wire netting stretched on a frame fitting inside the box and resting on cleats about 1 foot from the top. Upon the netting shelf is placed the inner lid of a 50 pound lard can to hold the pan or crock containing the dough. Resting on the floor of the box, directly under the shelf, is placed a lamp which furnishes an even heat all the time. A door, hinged at the side, is fastened shut with a wire hook and staple. The door should not reach quite to the floor of the box but should leave a small open space to admit air for the lamp. A small hole should be bored in the top of the box for ventilation. The dough should be kept closely covered and the lamp well trimmed and not turned too high. If you try this, you will have no more trouble about keeping your bread warm enough to rise.

Mrs. A. W. Smith.

Matfield Green, Kan.

### Working For Winter Flowers

A few plants do much to make a house homelike, and they can be easily raised. One of the most important things is drainage. If tin cans are used to grow them in, punch the bottom full of holes. Then put in an inch layer of coarse gravel, pieces of coal or broken crockery. The regular flower pot has a hole in it, but the gravel should be put in just the same. The soil should contain a good deal of organic matter; one-third leaf mould and two-thirds soil makes a good mixture. Well rotted manure can be used in place of the leaf mould. When the plants become rootbound they should be put into a larger pot. This condition is indicated when the roots come out through the holes in the bottom. Plants like geraniums, begonias, flowering

maple, fuchsias and dwarf roses are very satisfactory. Ferns require the same soil and drainage but are shade-loving plants. If placed near a window they will do better if there is a curtain to shut off part of the light. A good way is to set the fern in a jardinier containing some water, and place in jardinier a block of wood for the pot to set on to keep it out of the water.

New York City averages 15,000 fires a year, largely caused by carelessness or incendiarism.

## HOME DRESSMAKING

These patterns may be had at 10 cents each from the Farmers Mail and Breeze.

No. 7001 shows a ladies' waist, which may be made with either long or short sleeves. The pattern is cut in six sizes, 34 to 44 inches bust measure.

Ladies' dress 7021 has a two-piece circular skirt. The pattern is in six sizes, 34 to 44 inches bust measure.

The circular skirt, rather wide at the bottom, is one of the very new things in clothes. Such a skirt is illustrated in



7018, which may be cut in one or two pieces and with high or regulation waist line. The pattern is cut in six sizes, 22 to 32 inches waist measure.

Girls' coat 7037 is made with a circular skirt. The pattern is cut in sizes 6, 8, 10, 12, and 14 years.

Boys' Russian suit 6998, having straight or bloomer trousers, is cut in sizes 2, 4, and 6 years.

### USE THIS COUPON FOR PATTERN ORDERS.

The Farmers Mail and Breeze, Pattern Department, Topeka, Kan.

Dear Sir—Enclosed find ..... cents, for which send me the following patterns:

Pattern No. .... Size. ....

Pattern No. .... Size. ....

Pattern No. .... Size. ....

Name .....

Postoffice .....

State .....

R. F. D. or St. No. ....

BE SURE TO GIVE NUMBER AND SIZE.



**"R" Is For Oyster**

Who put the R in oysters; can any one tell? All your life, probably, you have heard that oysters can be eaten only in those months which spell their names with an R. When you were little and oysters were a rarity with a slippery taste and you ate them only because of the delightful possibility of finding a pearl in some chance mouthful, you had a sort of vague idea that oysters were poison in the R-less months and would bring sure death to rash boys and girls who ate them. As you grew older you lost this idea along with other pleasing delusions of childhood, but no satisfactory explanation of the mystery ever came to take its place. A girl who studied domestic science in college, once made a search through all her big reference books to see why oysters and R's go together, and this is all she found: The spawning season of the oyster is in the late spring. During this season and the summer months immediately following, the taking of oysters from public beds is prohibited by government fishery laws. Persons who own private oyster beds may take oysters from them at any time of the year they desire, and it is nothing unusual for oysters to be served in mid-summer months in the cities on Chesapeake Bay. Oysters spoil very quickly and therefore cannot be shipped far from the sea coast during the hot months, and by some coincidence, none of the summer months are spelled with an R.

The R's have appeared again and with them, the oysters. Housewives who serve oysters only in the time honored stew, or raw or fried, do not begin to realize all their delicious possibilities. The recipes here given will be found just the thing for those times when there is company and you would like to serve something a bit different from the usual bill of fare.

**Oyster Rolls.**

Take 4 dinner rolls and cut off the top of each, reserving it for a lid; then scoop out the soft part, leaving the crusts, which must be dropped into hot fat and fried a golden brown. Drain the boxes and keep them hot. Scald 15 oysters in their liquor. Melt 1 heaping tablespoon of butter in a small saucepan, add 2 tablespoons of flour, mixing till smooth, and add gradually the liquor drained from the oysters, stirring constantly. Season with salt, pepper, paprika, grated nutmeg and a few drops of lemon juice. When the mixture boils, add  $\frac{1}{2}$  cup of hot milk, 1 tablespoon of fine breadcrumbs and the oysters cut in halves. Heat a little, then fill the rolls with the mixture, set them in the oven for 10 minutes, put on the lids and serve very hot, garnished with chopped parsley.

Parsons, Kan.

**Oyster Shortcake.**

Sift together 1 quart of flour, 1 teaspoon of salt, 3 teaspoons of baking powder and cut into the flour 1 heaping tablespoon of butter. Add enough sweet milk to make a soft dough. Roll the dough to the thickness of 1 inch and cut it in rounds pie plate size and bake in a hot oven. While the cake is baking, prepare the filling by creaming together  $\frac{1}{2}$  cup of butter and 1 heaping tablespoon of flour, stirring into the mixture  $\frac{1}{2}$  cup of sweet milk. Cook until smooth and 1 pint of strained oysters drained from their liquor. Simmer the oysters till they are plump, and season to taste with salt and pepper. Split the shortcake and spread the layers with a little butter and then the oysters, reserving the cream to pour over the top.

Mrs. H. E. Doverspike.

Alta Vista, Kan.

**Oyster Fritters.**

Drain the oysters. To 1 cup of their liquor add  $\frac{1}{2}$  cup of milk, a pinch of salt, 4 well beaten eggs and flour enough to make a batter. Dip the oysters in the batter and fry in hot grease.

Mrs. Lucian Harris.

Kingman, Kan.

**Scalloped Oysters.**

Have ready about 1 pint of fine cracker crumbs. Butter a deep earthen dish and put into it a layer of the crumbs, moistening them with a little of the oyster liquor. Over this place a layer of oysters, sprinkling them with salt and pepper and bits of butter, and continue alternating crumbs and oysters till the

dish is filled, making the top layer of the cracker crumbs. Beat an egg slightly, stir it into 1 cup of milk and pour it over the crumbs. Cover the dish, bake in the oven for 30 or 40 minutes, then remove the cover and let the top brown. Be careful not to have the crumbs too wet and do not be afraid to use plenty of butter.

Mrs. J. H.

Kingman, Kan.

**Oyster Salad.**

To 1 can of cove oysters allow 2 egg yolks,  $\frac{1}{2}$  cup of cream,  $\frac{1}{2}$  cup of vinegar,  $\frac{1}{2}$  cup of butter,  $\frac{1}{2}$  cup of oyster liquor,  $\frac{1}{2}$  cup of rolled crackers, 1 teaspoon of mustard and salt and pepper to taste. Beat the eggs and stir in the other ingredients. Set the saucepan on the stove and stir constantly till the mixture thickens, the cracker crumbs being added last. When the mixture is cool, add to it 2 cucumber pickles chopped fine, and the oysters also chopped. Chopped celery and nuts may be added if desired, and the salad garnished with slices of hard boiled eggs, or the green tops of the celery.

Elroy, Wis. Mrs. L. M. Crosby.

**Panned Oysters With Celery.**

Melt in a saucepan 1 tablespoon of butter and add to it 1 heaping teaspoon of crisp white celery cut into fine pieces. Season with  $\frac{1}{2}$  teaspoon of paprika,  $\frac{1}{2}$  teaspoon of salt and the juice of  $\frac{1}{2}$  lemon. Now add 1 pint of oysters drained from their liquor and cook them till the edges curl. Add 1 cup of cream or rich milk, heat again, and serve on thin slices of toast.

Spangle, Wash. Mrs. Ida Lyon.

**Carelessness May Mean Fire**

Now is a particularly dangerous time of year for fires, according to Harrison Parkman, state fire marshal. Fires are most numerous during the winter months, and most of them can be charged to carelessness in the erection and care of stoves.

Here are some suggestions, Parkman says, that may prevent disastrous fires this year:

The floor under the stove should always be protected by tin or zinc, extending about 18 inches from the doors of the stove.

Stoves should be placed about 2 $\frac{1}{2}$  feet from the wall. If it is necessary to place them closer, a sheet of metal should be placed a half inch from the wall as a protection.

Chimneys and stovepipes should be cleaned at least once a year. The stovepipe should be well scraped, so that if there are any rust holes they may be discovered and the pipe replaced with new.

A stovepipe should not be run through a ceiling or wooden partition unless a metal collar is used to protect the wood. If the pipe is run horizontally, it should be supported from the ceiling by a wire, so there will be no danger of its falling. A large number of fires every winter are caused by falling stovepipes.

The horizontal stovepipe should be hung at least 2 feet below the ceiling. Chimneys should be inspected carefully for cracks caused by the settling of the building. The place in a fractured chimney from which fires generally start is between the floor of the attic and the roof. A small amount of cement used now may prevent a bad fire later in the winter.

**The Cry of the Women**

They tell us of wars and rumors of wars,  
And the orders of kings to men,  
And little they heed of the sorrow decreed  
By the stroke of a ruler's pen.

And little they care for child and for wife,  
When the wife and the child make moan,  
While nations fight for their rulers' greed  
And the fighter dies alone.

The woman with hair like sunset gold,  
The woman with hair like coal,  
Each of them loses the love of her life,  
The man that is half of her soul.

And you that flatter a ruler's greed,  
And you that fawn at his power,  
And you that fight when there is no need—  
You, too, shall come to your hour!

When in woe and wretchedness comes that hour,  
Your guilt shall your souls betray,  
And you shall utter your cry for peace  
As we cry for peace this day.

—Clara H. Davidson.

From 20c to 25c a day is paid the women employed in the rubber industry in British Guiana.

A woman's law college has been established at St. Louis.

**Makes Rain Water Out of Well Water**


**THE success of Lewis' Lye**—due to its remedial value as a hog conditioner, and efficiency as a cleansing agent—makes it the acknowledged superior of all commercial lyes. But it has several other uses, chief of which is its active properties instantly render hard water soft, and makes the whitest, purest, quickest cleansing of all soaps.

**Lewis' Lye**

**"The Standard for Over 50 Years"**

Is the only lye made by manufacturing chemists. Send for booklet describing its many uses on the farm and in the home. Book also contains Mrs. Robinson's famous recipe for making soap.

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Manufacturing Chemists, PHILADELPHIA

**LEWIS' WASHING FLUID**  
Most Practical Method of Preparing Economical and Efficient Cleaning Agent.

1 Gal. Water.  
1 Can Lewis' Lye.  
1 Can Salts Tartar.  
1 Can Soda Ash.  
1 Can Carbonate Ammonia.  
Mix and keep in stone jar.

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One Gallon Pure Amber Mountain Strained Honey for \$1.10. F. O. B. Los Angeles  
Ask about Oranges, Nuts, Dried Fruits, Beans, etc.

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in quarter-sawn oak, with only a lace centerpiece on it when desired. That's the way up-to-date people do it and it helps to beautify the entire room.

It is also perfect when extended because it has TWO pedestals—each complete in itself.

Each pedestal stands on three casters, which makes the table as strong and rigid as the 5-leg table.

Insist on a "TWIN" because it is the strongest pedestal table made.

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MILWAUKEE, WIS.

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"TWIN" Pedestal Tables

WISCONSIN FURNITURE COMPANY  
This Free Booklet  
Furnish you the right kind of  
information regarding your tables



## Trapping Time Is Here, Boys

You'll Save Money By Making Your Own Traps

BY DELBERT CLIFTON RAY

USE deadfalls and snares instead of steel traps when you do your trapping this winter if you wish to prevent much needless suffering. Animals caught in steel traps endure frightful pain for hours, sometimes even two or three days if you do not make your rounds regularly, and they often die a lingering death from cold and thirst. Deadfalls kill almost instantly, as do snares also. Then, too, a line of deadfalls and snares represents only the labor of setting them while steel traps cost considerably and there is always the risk of having some of them carried off by prowlers.

For rabbits the single loop snare shown in the illustration is the surest trap in existence and so simple that a boy 8 years old can make and set one. Find a young sapling about 8 feet tall, trim the branches off with your knife and cut the top so there will be a fork. Tie a piece of strong, smooth cord 5 feet long around the sapling just below the fork. Drive a stake firmly into the ground near the foot of your sapling, with one side notched deep enough to hold another stake placed across it horizontally as shown in the illustration. Notch the top of your upright stake and one end of the horizontal stake and fasten another piece slantingly across them so as to finish forming a figure 4. Bend the sapling and tie the string to the slanting bar of the figure 4, leaving a long noose with a slip knot to spread out on the ground beneath the baited end of the snare. A piece of apple, turnip, cabbage, or almost any other kind of vegetable will do for rabbits. When



Single Loop Snare.

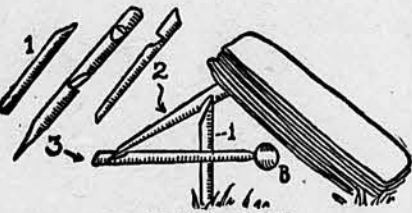
The rabbit goes to nibble at the bait the pressure on the horizontal trigger releases the slanting piece to which the string is tied and the sapling flies up, drawing the noose tightly around the rabbit's neck. A small piece of rabbit or other fresh meat will serve for bait when you are trapping 'possum, skunk or 'coons.

For catching mink, 'coons, 'possums and skunk the deadfall is a good device to use. These should be set near the animal's den. The stone used for mink should not be over 1½ feet square and 3 inches thick. Set the stone as shown in the illustration. B represents the bait on the end of the spindle. For mink, the best bait is the head of a chicken, while rabbit or any other fresh meat does nicely for other animals.

A barrel set is the best way to catch muskrat. Take an ordinary barrel and put in it enough rocks to sink it about two thirds under water. Stretch a tough sheet of paper over the top and tie or tack it down around the edges. Coat the top of the paper well with fresh lard. Lean several heavy boards against the barrel, weighting them at the bottom with rocks. The rats will be very cautious about going up the boards at first, but as their numbers increase they will grow bolder, and when half a dozen or so have been attracted by the bait they will begin to feed upon it and soon cut through the paper, falling into the barrel. Another way is to cover the barrel with thick springy pasteboard. With a sharp knife cut 2 slits in the cover at right angles to each other and bait the trap with lard or some kind of soft cooked fruit. As the rats try to reach the bait their weight causes the pasteboard to bend, letting them fall into the barrel. The pasteboard then springs back nearly to its former position ready for another rat. This is the best way ever invented for trapping muskrat and will give a good return in money to the boy who finds out where the rats rise and then



Barrel Trap.



Deadfall For Minks.

sets a few old barrels for them.

The best months for trapping muskrat are February and March for their pelts are worth fully 20 per cent more than earlier in the season. The pelts of most of the other

animals are fully prime in January and February.

### Give Your Tree to the Birds

It's too bad the Christmas trees will all have to come down after New Year's Day, isn't it? They were so pretty most boys and girls wished they could keep them up lots longer. Here is a good way to keep your Christmas tree and yet have it out of mother's way when she goes to clean up the house after the holidays. Can you guess what it is? Why, give the tree to the birds, of course. They won't care if the tree is a little bit behind time, for birds can't count days or read calendars, and they'll like it just as much as you liked it when you first saw its presents and candles Christmas morning.

Set your tree somewhere on the south side of the house out of the wind, and near enough to a window that you and your small brothers and sisters can watch the birds without getting cold. Then tie on the tree little baskets to hold crumbs and seed, bunches of red berries, and some pieces of suet. Birds like suet very much in cold weather, for it helps to keep them warm. Put out a pan of water every day and see that it doesn't freeze.

### Another Young Financier

When my little girl, Eva, was 10 years old she was learning to play the violin. It was hard work and the small arms tired easily, holding the bow and practicing the scales, so when school began in the fall the poor violin was sadly neglected. One day her father said, "Daughter, if you will learn to play and sing one song for the Children's Christmas exercises, I will give you \$2." She earned the money and with her other savings had \$5 by New Year's.

Eva bought a calf which she called Daisy with her \$5 and from the very first Daisy was her pride and joy. When Daisy was 3 years old she had a calf that sold for \$17. She was 5 years old and weighed more than 1,300 pounds when Eva sold her to the local dealer for \$70.40. Now Eva has \$87.40 and she feels quite grown up and independent.

Maria Johnson.

R. 1, Savonburg, Kan.

### Dogs Used in War

Dogs have been made a part of the British army since the outbreak of the present war, says a writer in Our Dumb Animals. They will be used for scouting and sentry work with isolated outposts and pickets, where it is expected they will prove of great value, since their scent is often quicker than sight and their hearing is sharper than that of the human sentry. Special training is required for the dogs that do scouting duty. They are taken on a long lead and must learn to growl, not to bark, as it is very necessary that the enemy should not know of their presence. Sometimes they have to be muzzled to prevent their barking. On sentry duty it is different, for by barking the dogs can warn the sentry and the camp at the same time.

The use of dogs in war never has been tried formally by the British army before, though in the South African war Boer dogs often were adopted by the soldiers. Major Richardson, in his book, quotes a letter from a trooper written from South Africa: "We have trekking about with us a large number of dogs that have been left behind by the Boers and which attach themselves at once to the columns they happen to meet. We have with our own column at present more than 30 dogs, and the standing camps we have come across look al-

most like dogs' homes. We have one dog with us which we found at a deserted farm. We call him the sentry and take him with us on night picket, where he is more useful than a man, for no sound escapes him." Another army officer who escaped from Pretoria said the greatest danger of recapture was not from the Boers but from the Boers' dogs.

The first systematic training of military dogs was done by the Germans. They are using dogs in the present war as an aid to the rescue parties for the German uniform is so near the color of the ground that it is often very difficult for the wounded to be seen. The dogs, however, are always able to trace out wounded men by scent. Military dogs were used by both Russians and Japanese in the last war, and it is said the whole Austrian frontier of Bosnia and Herzegovina was guarded by sentry dogs for years. The Italian army also has a service of dogs. Collies and retrievers are said to be the best breeds for this sort of work.

### A Newspaper Bouquet

From the National Printer Journalist.

Arthur Capper, the Topeka publisher, who has just been elected governor of Kansas by the largest majority ever given a governor in that state, has a rather remarkable history. Just thirty years ago he arrived in Topeka from a country town in Kansas looking for work. He was then 18 years old and a stranger to every man and woman in Topeka. He applied at the Topeka Daily Capital office for employment and was given work as a printer's "devil." For six months he set type on the Capital. Then he filled the positions of reporter, city editor, telegraph editor, political editor, Washington correspondent, business manager, and now he is the owner of the Capital as well as the Farmers Mail and Breeze, Missouri Valley Farmer, Missouri Ruralist, Oklahoma Farmer, Nebraska Farm Journal, Household Magazine and Poultry Culture.

Mr. Capper is the first native Kansan to be elected governor of the state, and he is also the first citizen of Topeka to hold that position. His plurality was nearly 48,000 and in the city of Topeka, where he has lived for thirty years, his majority broke all previous records.

### Buying a Motor Car

BY R. A. BRADLEY.

A common mistake made by most persons who purchase a car is to purchase, and then discover the things they would have had different had they known.

There is the size of tires; in order to get a car as cheaply as possible the manufacturer sometimes puts on as small a tire as will carry the car, when if a purchaser would insist on a tire one-half an inch larger, he would get almost twice the mileage and have infinitely less tire trouble. Most blowouts are caused by undersized tires or insufficient air in them. A tire will not blow out nearly so quickly with the right pressure as it will if allowed to mash down on the sides and break the fabric.

You will find, if you keep a tire pumped to the required pressure it seldom blows out, but will wear out instead, without giving much trouble.

I have heard some say, "I ran it flat only about half a mile." It may injure a tire so it will be ruined by running it a much shorter distance than half a mile.

The best thing to do is to stop when it goes flat and fix it, or take it off and run in on the rim if you must go a short distance.

A great many persons are getting to understand the advantages of oversize tires and some agents are equipping their cars with them.

Another thing is to see that front and rear tires are the same size, otherwise you will have to carry two cases and two tubes to have an extra case and tube for both front and back wheels.

A small railroad operating an oil-burning locomotive on the Tahoe national forest, California, had a breakdown during the past summer and burned wood instead of oil for one day. On this day 15 fires started along the right of way. During the preceding year, only one fire occurred near the railroad and it was not thought that the engine was responsible for that one.

The secret of winter eggs is good stock, good care, and good management.

**You'll Buy an**

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STEEL cutters—a four-bladed knife and a perforated plate. Therefore no other can be as satisfactory in chopping meat for sausages, hamburger steaks, croquettes; or cutting up fish, vegetables, fruit, bread, etc., as the genuine

**"ENTERPRISE" Meat-and-Food Chopper**

Meat, or other food, is clean cut by the whirling blades—not torn, mangled and crushed as with some choppers—and the nutritive juices, crispness and flavor retained in every cut particle. Delicious dishes are made economically from "left-overs."

Look for "ENTERPRISE" on chopper. Ask dealer to show you the knife and plate; how easy to take chopper apart—clean—put together.

If you want just a "food" chopper, get the "Enterprise" Food Chopper with four knives—coarse to fine. Small, \$1.25; Family Size, \$1.50; Large, \$2.25.

COOK BOOK of economical dishes—the "Enterprising Housekeeper"—illustrated and indexed, 200 tested recipes and housekeeping hints—sent for 4c stamps.

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Dept. 113, Philadelphia

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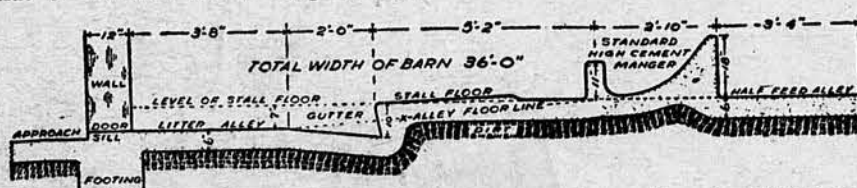
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[illegible]

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A black and white illustration of a woman in a long dress and apron operating a vintage washing machine. She is leaning over the machine, which has a large cylindrical drum and a control panel with a dial. The machine is mounted on a wooden frame with four legs.

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# Lorimer of the Northwest

BY HAROLD BINDLOSS

Author of "Ranching for Sylvia," "By Right of Purchase," "Winston of the Prairie," "Alton of Somasco," and Other Stories.

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## SYNOPSIS

Ralph Lorimer and Harry Lorraine, young Englishmen farmers in the Canadian Northwest, have come face to face with complete failure of their second wheat crop. Grace Carrington, whom Lorimer secretly loved in the young men's farm. Colonel Carrington does not welcome Lorimer's attentions. Indeed the Colonel is something of a land baron and has high ambitions for his daughter. The young farmers get a contract with the railroad construction gang, but here, too, ill fortune attends them. Earth-slides cause heavy losses, and they are about discouraged when a letter arrives from England with \$1,000 for Lorimer, "lent" by some person whose identity is concealed. The most pressing debts are paid and the two farmers continue work, cutting timber until spring. In assisting a party of tourists through the mountains Lorimer unexpectedly meets Grace on the way to her father's mine. Later, the two are facing death in a canoe adrift on a mountain river, rushing toward a whirlpool.

## WHEN THE WATERS ROSE



RESENTLY, while I lay upon the shingle panting, a wet hand touched my head, and looking up with dazzled eyes I saw Grace bending down beside me. The water drained from her garments, she was shivering, but at least she had suffered no injury.

"Ralph! Ralph! Tell me you are not hurt!" she said, and something in her voice and eyes thrilled me through, but, though I struggled to do so, I could not as yet overcome the weakness, and lay still, no doubt a ghastly half-drowned object, with the blood from the wound the branch made trickling down my forehead, until stooping further she laid her hand on my shoulder, and there was more than compassion in the eyes that regarded me so anxiously.

Then, slowly, power and speech came back together, and covering the slender fingers with kisses I staggered to my feet.

"Thank God, you are safe!" I said, "and whatever happens, I have saved you. You will forgive me this last folly, but all the rest was only a small price to pay for it."

She did not answer, though for a moment the hot blood suffused her cheek, and I stood erect, still dazed and bewildered—for the quartz reef had cruelly bruised me—glancing round in search of the canoe. Failing to find it, I again broke out gratefully:

"Thank heaven, you are safe!"

Grace leaned against a boulder. "Sit down on that ledge. You have not quite recovered," she said; and I was glad to obey, for my limbs were shaky, and the power of command was born in her. Then with a sigh she added very slowly: "I fear you are premature. Still, I think you are a brave man, and no Carrington was ever a coward. Look around and notice the level, and remember the daily rise."

Stupidly I blinked about me, trying to collect my scattered wits. The strip of shingle stood perhaps a foot above the river and was only a few yards wide. In front, the horrible eddy lapped upon the pebbles at each revolving swirl, and behind us rose a smooth wall of rock absolutely unclimbable, even if it had not overhung. That, however, was not the worst, for a numbing sense of dismay, colder far than the chilly snow-water, crept over me as I remembered that most mountain streams in British Columbia rise and fall several feet daily. They are lowest in early morning, because at night the frost holds fast the drainage of snow-field and glacier which feeds them on the peaks above; then, as the sun unchains the waters, they increase in volume, so that many a ford which a man might pass knee-deep at dawn is swept by roaring flood before the close of afternoon.

"Watch that stone," said Grace with a stately calmness, though first she seemed to choke down some obstruction in her throat. "There! the last wash has buried it, and when we landed the one with the red veins—it is covered several inches now—was bare."

A sudden fury seized me, and raising a clenched hand aloft I ground my heels into the shingle, while Grace looked on pityingly.

"I was almost afraid to mention it at first," she said. "I—I hoped you would take it differently."

Then at last I began to understand clearly. I flung back my head as I answered: "It is not for my own miserable safety that I care one atom. Neither if we had gone down together in the fall would it have seemed so

hard; but after bringing you in safety so far it is horrible to be held helpless here while inch by inch the waters rise. Great God! is there nothing I can do? Grace, if I had ten lives I would gladly give them all to save you!"

Again the tell-tale color flickered in her face; then it vanished, and her voice shook a little. "I believe you," she answered. "Indeed, it seems only too probable that you gave up one when you leaped the poor horse into the river. It was done very gallantly, and now you must wait as gallantly for what that great God sends."

She seemed so young and winsome and beautiful that suddenly in the place of rage a great pity came upon me, and I think my eyes grew dim, for Grace looked at me very gently as she added: "No; death comes to all of us some time, and you must not grieve for me."

But because I was young and the full tide of lusty life pulsed within me, I could not bear to think of what must follow. Again, it seemed beyond human comprehension that she, the incarnation of all that was fair and lovable, must perish so miserably, and once more I had to struggle hard to restrain a fresh outbreak of impotent fury. Presently, however, her great fortitude infected me, and with the calmness it brought there came a feeling that I must tell her all now or never. Nevertheless, I felt that she knew it already, for one glance had made many things manifest when we first entered the canon.

"Grace," I said huskily, "I want you to listen while I answer a question which, without speaking, you asked me—Why should I, a rough railroad contractor, esteem it an inestimable privilege to freely lay down my life for you? It is only because I love you, and have done so from the day we talked together on Starcross Moor—it seems so long ago. Listen yet. I meant never to tell you until I had won the right to do so, and had something to offer the heiress of Carrington, and I fought hard for it, toiling late and early, with a dead weight of adverse fortune against me; but all that was little when every blow was struck for your sweet sake. And, if you had chosen another, I should have kept my secret, and prayed that you might be happy. Now when, so far as worldly rank goes, we stand as equals in the valley of death, I dare open all my heart to you; and, if it must be, I should ask no better end than to enter eternity here holding your hand."

She trembled a little, great tears were brimming in her eyes, but again I read more than pity or sorrow in their liquid depths, and the next moment I had spread my wet arms about her and her head rested on my shoulder. There are some things that concern but two souls among all those on earth, and the low answer that came for the first time falteringly through her lips is to be numbered among them; but a little later, with my arm still about her, Grace smiled up at me wistfully as the remorseless waters lapped nearer.

"I loved you because you were steadfast and fearless," she said. "Sweetheart, it will not be so hard to die together now. Do you know this is all a part of the strange memories, as though I had learned somewhere and somehow what was to be. Either in dreams or a mental phantasy I saw you riding across the prairie through the whirling snow. When you strode with bronzed face, and hard hand on my bridle through the forest, that was familiar too, and you remember the passage about Lancelot—I knew you were my own true knight. But this is not the last of the dream forecasts or memories, and there was something brighter beyond it I could not grasp. Perhaps it may be the glories of the hereafter. I wonder whether the thought was born when that sunset flamed and flashed?"

I listened, tightening my grasp about her and shivering a little. This may have been due to physical cold, or a suggestion of the supernatural; but Grace spoke without terror, reverently, and ended:

"Ralph, have you ever thought about that other world? Shall we be permitted to walk hand in hand through the first thick darkness, darling?"

"Don't!" I cried, choking. "You shall not die. Wait here while I try to climb round those boulders; there might be a branch that would float us, or a log of driftwood in a lower eddy," and leaving her I managed with much difficulty to scale a few great water-worn masses that had fallen

from above and shut out the view of the lower river. Still, though I eagerly scanned the boulders scattered here and there along the opposite bank, there was only foam and battered stone, and at last I flung myself down dejectedly on a ledge. I dare not go back just then and tell her that the search was quite hopeless, and it may have been inherited obstinacy, but I would not own myself quite beaten yet. So I lay watching the cruel water slide past, while a host of impossible schemes flashed through my bewildered brain. They all needed at least a rope, or a few logs, though one might have been rendered feasible by a small crowbar. But I had none of these things.

Meantime a few white cloudlets drifted across the rift of blue above, and a cool breath of shadow darkened the pine on the great rocks. Something suggested a fringe of smaller firs along the edge of a moor in Lancashire, and for a moment my thoughts sped back to the little gray-stone church under the Ling Fell. Then a slow stately droning swelled into a measured boom and I wondered what it was, until it flashed on me that this was a funeral march I had once heard there on just such a day; and it was followed by a voice reading something faint and far away, snatches of which reached me brokenly, "In the sure and certain hope," and again, "Blessed are the dead."

There was, perhaps, a reason for such fancies, though I did not know it at that time, for, as I found afterward by the deep score across the scalp, my head must have been driven against the stone with sufficient violence to destroy forever the balance of a less thickly covered brain. However, it could not have lasted more than a few moments before I knew that the funeral march was only the boom of the river, and if I would not have it as sole requiem for one who was dearer far than life to me I must summon all my powers of invention. The waters had risen several inches since I first flung myself down. Great events hang on very small ones, and we might well have left our bones in the canon, but that when crawling over a boulder I slipped and fell heavily, and, when for a moment I lay with my head almost in the river, I could see from that level something in the eddy behind a rock on the further shore which had remained unnoticed before.

It was a dark object, half-hidden among grinding fragments of driftwood and great flakes of spume, but I caught hard at my breath when a careful scrutiny showed that beyond all doubt it was the overturned canoe. Still, at first sight, it seemed beyond the power of flesh and blood to reach it. The rapid would apparently sweep the strongest swimmer down the canon, while the revolving pool span suggestively in narrowing circles toward the deadly vortex where the main rush from the fall went down. Second thought, however, suggested there might be a very small chance that when swept round toward the opposite shore one could by a frantic struggle draw clear of the rotary swirl into the downward flow, which ran more slackly close under the bank. I came back and explained this to Grace, and then for the first time her courage gave way.

"You must not go," she said. "No one could swim through that awful pool, and—I am only a woman, weak after all—I could not stay here and see you drown. Ralph, it was the thought of having you beside me that gave me courage—you must not leave me alone to the river."

"It is our last chance, sweetheart," I said very slowly, "and we dare not neglect it, but I will make a promise. If I feel my strength failing, when I know I can do no more, I will come back to you. Standing here you could reach my hand as the eddying current sweeps me round. Now, wish me good fortune, darling."

Grace stooped and kissed my forehead, for even as I spoke I knelt to strip off the long boots. This was no time for useless ceremony. Then with a faint ghost of a blush she added, "You must not be handicapped—fling away your jacket and whatever would hamper you," after which, standing beside me at the edge of the water, she said very solemnly, "God bless and keep you, Ralph."

Then I whirled both hands above my head, leaped out from the quartz shelf, and felt the chilly flood part before me until, instead of dull green transparency, there was daylight about me again, and my left hand swept forward through the air with the side-stroke which in younger days I had taken much pains to cultivate. Now there was the hardness in muscles which comes from constant toil behind it, besides a force which I think was not born altogether of bodily strength, and even then I could almost rejoice

(Continued on Page 18.)

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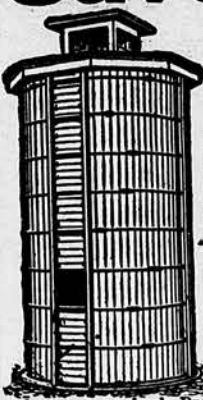
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## State Show to Be at Wichita

Consolidation of the Two Kansas Poultry Organizations Is Desirable

BY G. D. McCLASKEY

**T**HE 26th Annual Exhibition of the Kansas State Poultry association will be held at Wichita, Kan., January 11-16, 1915. In addition to the regular classes on which cash premiums will be paid, the management has provided for several new departments. One is a state egg show, another a farmers' class, and still another, an egg laying contest to start on the first day of the show and end on the last day. Several other very interesting features have been provided. An institute program including instructive talks and lectures, some of which will be illustrated with moving pictures and slides, will be held during the week.

Anyone interested can secure a premium list which contains complete information on the features of the show by writing to the secretary, L. B. McCausland, Wichita.

The state poultry association situated in Kansas is somewhat like the State Fair situation in that there are two organizations holding state poultry shows the same as two associations are holding state fairs every year. The association which will have the show at Wichita, January 11-16 is the original Kansas State Poultry association which was incorporated January 8, 1897 and was legalized by the legislature as a state institution February 7, 1903. For several years this association received \$1,000 a year from the state, but for the last six years, the association has not had any financial support from the state. The other state organization in Kansas is the Kansas State Poultry federation, which has had its shows in Kansas for the last two years, and which held its second show in Topeka, December 7-12. At the annual meeting of the State Poultry federation, the following resolution was adopted without a dissenting vote:

Moved that the incoming executive board be instructed to seek a joint meeting with the board of managers of the Kansas State Poultry association for the purpose of selecting from within or without their own number a joint committee which shall draft a constitution, which if mutually adopted by the two state poultry organizations at their 1915-16 annual meetings, will result in their consolidation; the said committee to make all arrangements for a joint show during the winter of 1915-16.

Poultrymen all over the state are hoping that the action taken by the members of the State Poultry federation will result in the consolidation of the two organizations. As the situation now stands, it remains for the Kansas State Poultry association to say whether it cares to enter into any arrangements whereby the two organizations may be united. Steps along this line were taken a year ago when it was thought that the two organizations would be consolidated, and a joint show held this winter, but the efforts to unite were unsuccessful.

One state poultry association working for the good of the entire poultry industry of the state will be more satisfactory to the poultry breeders of Kansas than two organizations, each striving for the same end and between which more or less friction will occur from time to time.

## Missouri's Poultry Show

BY G. D. McCLASKEY,  
Poultry Editor.

This year the annual exhibition of the Missouri State Poultry association was held at St. Louis Thanksgiving week. The show was held in the coliseum. Although this building covers half a block of ground, every available foot of space was used for staging the exhibits. The institute meetings were held in a room adjoining the coliseum proper.

According to the secretary, 2414 birds were on exhibition. The cooping of the show was handled by the Keipper Cooping Co., of Milwaukee. Men who have seen the far-famed Madison Square Garden show at New York City said that on account of the excellent cooping, and the arrangement, this year's Missouri State show resembled in appearance the great poultry event of the East.

One of the surprises of the show was the large number of varieties of poultry, and the strong competition in classes that are usually very small or are not represented at all. The Buckeyes, one of the newer breeds, made a very large

class. Blue Andalusians were also out in large numbers. Light Brahmas and Black Langshans were a good sized show in themselves. England's latest contribution to the list of breeds—the Sussex fowl—was represented with the Speckled Hamburgs, not often seen at a western show nowadays, made a large class, as did also the Silver and Golden Campines. There was a fine showing of Black Minorcas and Anconas.

As is usual in all shows in this day and age, the great interest centered around the exhibits of Plymouth Rocks, Wyandottes, Rhode Island Reds, Orpingtons and White Leghorns. Competition in these breeds was very strong. The winning birds were interesting studies to any breeder of good poultry. The sweepstakes prize for the best bird in the show went to a White Plymouth Rock cockerel bred by L. H. Wible, Chanute, Kan. This bird was sold in the show room for \$100. This sale seemed to stimulate the interest in White Plymouth Rocks, with the result that a number of good sales of birds of this variety were made.

A poultry show in Missouri would not be complete without its showing of turkeys. Some of the finest Bronze and Bourbon Red turkeys ever shown in the West were on display at St. Louis. The first prize yearling Bronze tom was a wonderful bird with the most beautiful bronze color I have ever seen. It would be difficult to find better turkeys anywhere than the ones shown at St. Louis.

The duck class was made up almost exclusively of Indian Runners—the Fawn and White and the pure White varieties. Runner ducks have taken the place of almost all other ducks on the Missouri farms. Their popularity is shown by the large numbers that are to be seen at all the leading shows.

As showing the possibilities for tree growth in regions where irrigation has to be depended upon, it is pointed out that Boise, Ida., has as many as 94 different kinds of ornamental and shade trees.

A chorus of 5,000 boys and girls will sing at the opening of the Panama-Pacific Exposition.

A million acres of new lands were surveyed in British Columbia last year.

## The Chanticleer



Iowa King, first cock and grand champion for best male bird at Iowa State Fair, January, 1914. Bred and owned by A. D. Murphy & Son, Essex, Iowa.

## Kansas Poultry Show Dates

Jan. 4-9. Hutchinson. D. T. Heimlich and J. J. Atherton, judges. W. B. Powell, Sec.  
Jan. 5-9. Solomon. John C. Snyder, judge. E. C. Comstock, Sec.  
Jan. 12-16. Kinsley. Carl W. Moore, Sec.



# Livestock Officers For 1915

The Annual Meetings in Chicago As Usual

BY TURNER WRIGHT, Livestock Editor

THE annual meetings of most of the livestock record associations in the United States were held in Chicago the first week this month. The subjects of general interest discussed at almost all the meetings, in addition to the regular routine, were the proposed increases in freight rates on livestock and meats; uniform sanitary laws; dog laws for the protection of sheep and other animals; and the livestock show at the Panama-Pacific Exposition at San Francisco next year. Resolutions were passed favoring uniform sanitary rulings for the different states and the enactment of dog laws. Strong protests were made against the proposed increases in freight rates. Nearly all the associations appropriated money to be used for prizes at the Panama-Pacific Exposition.

## The Swine Breeders.

The organization of the National Swine Growers' association was, perhaps, the most important event of the week. Representatives from almost all sections of the United States were present. Officers were elected for the coming year and a constitution and bylaws adopted. The membership fee was fixed at \$1 a year. A national swine show held at first in connection with the International and later as an independent exposition was suggested. The officers elected were: A. C. Halliwell, Chicago, president; J. L. Thatcher, Davenport, Ia., vice-president; L. E. Troeger, Chicago, secretary; and George M. Cantrall, Chicago, treasurer. The executive committee selected consists of E. C. Stone, Peoria, Ill., Hampshires; W. S. Cora, Whitehall, Ill., Berkshires; J. Young Caldwell, Williamsville, Ill., Duroc-Jerseys; J. E. Meharry, Tolono, Ill., Poland Chinas; F. F. Moore, Rochester, Ind., Chester Whites; Thomas H. Canfield, Lake Park, Minn., Large Yorkshires; John H. Dunlap, Williamsport, O., Mulefoots; Frank Thornber, Carthage, Ill., Tamworths; and L. E. Frost, Springfield, Ill. This executive committee is to select two additional vice-presidents from every state. The annual meetings of the association will be held in Chicago during International week.

The year ended October 31, 1914, was the best the Aberdeen Angus association ever experienced. This was shown by the officers' reports. The secretary's report showed a gain of 25 per cent in registration, 50 per cent in transfers, and 67 per cent in enrollment of new members. E. F. Caldwell, Burlington Junction, Mo., H. M. Brown, Hillsboro, O., and Stanley R. Pierce, Creston, Ill., were elected directors for three years. The other officers elected were: E. F. Caldwell, president; Charles Gray, secretary; and C. J. Martin, treasurer. The directors appropriated \$6,000 to be used for prizes at the San Francisco show and \$500 to be added to the appropriation for the 1915 International carlot exhibit.

## No General Manager.

Several important changes were made or suggested at the Shorthorn meeting. The office of general manager, held by Abram Renick, for two years, was abolished. F. W. Harding, Waukesha, Wis., who has been president of the association for two years was elected secretary. The other officers elected were: Reid Carpenter, Mansfield, O., president; John R. Tomson, Dover, Kan., vice-president; C. D. Bellows, Maryville, Mo., treasurer; and P. K. Groves, Chicago, assistant secretary. N. H. Gentry, Sedalia, Mo., Reid Carpenter, and D. S. Combs, Hickory Valley, Tenn., were elected directors.

The Polled Durham association reported that business during the past year had been satisfactory. J. T. Burwell, Millwood, Va., and Walter Slade, Fulton, S. D., were elected directors for three years, and J. H. Martz was re-elected secretary-treasurer. The bylaws were amended so that a vice-president can be elected by the board in the same manner as the president is elected.

The meeting of the members of the Red Polled Cattle club showed that the affairs of this organization are in good condition. An appropriation of \$2,500 was made for prizes at the Panama-Pacific Exposition and another of \$1,000 was made for the 1915 International.

The club, in addition to this subscribed \$300 for the expenses of the National Society of Record associations. A resolution favoring the change of the time limit for tuberculin tests from 30 days to six months or a year was passed. The board of directors re-elected all of the present officers. These officers are: Charles Graff, Bancroft, Neb., president; P. G. Henderson, vice-president; H. A. Martin, Gotham, Wis., secretary; and W. S. Hill, treasurer.

## Percheron Men Met.

The Percheron interests were represented by 45 members at the meeting of the Percheron society. Certificates were issued for 9,364 pedigrees in 1914. This is only 390 fewer than the number issued in 1913 when importations were not restricted by war. A protest against the proposed increase in freight rates to be presented to the Interstate Commerce Commission, was adopted; and the principle of the dog law suggested by the Shropshire association was approved. The officers chosen were: E. B. White, president; W. S. Cora, Whitehall, Ill., vice-president; Wayne Dinsmore, Chicago, secretary; and C. M. Jones, treasurer.

The American Association of Importers and Breeders of Belgian draft horses voted to increase the registration fees. Members will be charged \$15 for registering imported stallions, \$10 for registering imported mares, and \$5 for registering American bred animals. Non-members will be charged double these amounts. If imported animals are not recorded within one year from the date of importation and American bred animals within one year from the date of foaling the fees will be doubled in each case. The prizes to be offered in 1915 will be decided by a board consisting of J. D. Connor, Jr., A. L. Wilson, and M. E. Jones. The officers chosen were: Samuel Bell, Wooster, O., president; Henry Lefebvre, Fairfax, Ia., vice-president; and J. D. Connor, Jr., Wabash, Ind., secretary-treasurer. M. E. Jones, Williamsville, Ill., Fred Holbert, Greeley, Ia., and Eli Springer, Decatur, Ind., were elected directors for three years. A. B. Holbert, Greeley, Ia., and J. M. Frissinger, Decatur, Ind., were chosen members of the executive committee.

The officers of the American Shire Horse association reported a prosperous year. Eighty-four new breeders applied for membership. An appropriation of \$400 was made for the futurity classes of the 1915 International. Prof. C. F. Curtis, Ames, Ia., William Bell, Wooster, O., and Harry McNair, Chicago, were recommended for judges at the next International. Charles Burgess, Sr., Wenona, Ill., was recommended to judge Shire horses at the San Francisco show.

The Duroc-Jersey interests were well represented at the meetings of the two associations in Chicago. The members of the National Duroc-Jersey Swine Breeders' association extended the term of office for the secretary and treasurer to three years. J. R. Pfander, Peoria, Ill., and E. Z. Russell, Blair, Neb., were re-elected for three years. The other officers elected for this association were: J. W. Hockett, Manning, Ia., president; J. J. McLain, Anna, Tex., first vice-president; and C. F. Burke, Rocky Ford, Colo., second vice-president. George M. Klusmire, Holton, Kan., and F. S. Vanderhyde, West Concord, Minn., were elected directors. Prof. H. W. Mumford, of the University of Illinois, was recommended to judge Duroc-Jerseys at San Francisco next year.

The members of the American Duroc-Jersey Swine Breeders' association re-elected Henry Mattern, Lostant, Ill., president; R. J. Evans, Chicago, secretary; and Ira Jackson, Tippecanoe City, O., treasurer. This association also recommended Prof. H. W. Mumford, of the University of Illinois, to judge Duroc-Jerseys at San Francisco. The two associations appropriated \$1,500 each to be used for prizes at this show.

## A Berkshire Year.

The report of the secretary, F. S. Springer, showed a successful year for the American Berkshire Record association. More than 1,500 registrations and

(Continued on Page 20.)



## Watch Out When Your Animals Are On Dry Feed

CLARENCE HESS, Doctor of Veterinary Science, Doctor of Medicine

Right now is the most trying season of the whole year for farm stock; they have been taken off pasture, put on dry feed and thereby deprived of the natural laxatives so liberally supplied in grass; confined in stables with consequent loss of exercise and pure air.

In my lifetime experience as a doctor of veterinary science, many a time have I been called in to treat cases of chronic constipation, swelling of the legs, dropsical swellings, skin diseases; but the most common and dreaded ailment of all—especially among hogs—is worms—worms, and all these troubles are most prevalent during the stall-feeding period—during winter and spring, when stock are off pasture. I want every farmer and stock raiser—I want you—to feed

## DR. HESS STOCK TONIC

### A Conditioner and Worm Expeller

feed it this winter at my risk—on my guarantee below. This scientific preparation contains tonics to tone up the animal's system and enrich the blood, laxatives to regulate the bowels and ingredients for expelling worms.

Right now is the time to feed Dr. Hess Stock Tonic, because it's the cow in the pink of condition that fills the milk pail, the steer with an appetite that lays on fat, the horse that digests its dinner that pulls on the bit, the hog that is well and worm-free that gets to be a 200-pounder in six months.

So sure am I that Dr. Hess Stock Tonic will put your animals in a thriving condition, make the sick ones healthy and expel the worms, that I have authorized my nearest dealer to supply you with enough for your stock, and if it does not do what I claim, return the empty packages and get your money back.

Dr. Hess Stock Tonic is never sold by peddlers—only reliable dealers; I save you peddler's salary and expenses, as these prices prove: 25-lb. pail \$1.00; 100-lb. sack \$5.00; smaller packages as low as 50c. Except in Canada, the far West and the South.

Send for my book that tells all about Dr. Hess Stock Tonic—it's free.

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This is the time when egg prices are high and your hens ought to be making up for the small egg crop during moulting. Pan-a-c-c-a tones up the dormant egg organs and makes hens lay. Also it keeps chickens growing. Economical to use—a penny's worth is enough for 30 fowl per day. 14 lbs. 25c; 5 lbs. 60c; 25-lb. pail \$2.50. Except in Canada and the far West. Guaranteed.

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Kills lice on poultry and all farm stock. Dust the hens and chicks with it, sprinkle it on the roosts, in the cracks or, if kept in the dust bath, the hens will distribute it. Also destroys bugs on cucumber, squash and melon vines, cabbage worms, slugs on rose bushes, etc. Comes in handy sifting-top cans, 1 lb. 25c; 5 lbs. 60c. Except in Canada and the far West. I guarantee it.

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### Lorimer of the Northwest

(Continued from Page 14.)

to feel the water sweep past me a clear half-fathom as the palm drove backward hollowed to the hip, while the river boiled and bubbled under my partly submerged head. But I swung right around the eddy, and almost under the tail rush of the fall, while once for a moment I caught sight of Grace's intent face as, husbanding my strength for a few seconds, I passed tossed about on the confused welter close by the quartz shelf. Then, as the circling water hurried me a second time round and outward toward the further shore, I made what I knew must be the last effort, made it with cracking sinews and bursting lungs, and drew clear by a foot or two of the eddy's circumference. A few more strokes and an easy paddling carried me down-stream, and a wild cry of triumph, which more resembled a hoarse cackle than a shout, went up when at last I drew myself out of the water beside the canoe.

I lay on the cold stone breathing hard for several minutes; then I managed to drag the light shell out and empty her, after which I tore up a strip of the cedar flooring to form a paddle, and found that though one side was crushed the damage was mostly above flotation level. It would serve no purpose to narrate the return passage, and it was sufficiently arduous, but a man in the poorest craft with a paddle has four times the power of any swimmer, and at last I reached the shingle, which was almost covered now. Grace stood on the brink to meet me with a cry of heart-felt relief when I ran in the bows, then a momentary dizziness came upon me, as, all dripping as I was, I lifted her into the stern. After I thrust off the craft, and, struggling clear of the eddy, we shot away on the outgoing stream, she smiled as she said:

"It was splendidly done! Ralph, is it foolish—I once supposed it would be so—that because you have the strength to do these things you make me proud of you?"

There is little more to tell, and that passage through the canon left behind it an unpleasant memory. Though it was rising all the time, the stream ran more evenly, there were no more cataracts or whirlpools, and while Grace was obliged to bail hard with—so closely does burlesque follow on tragedy—one of my long boots, she could keep the leaks under. I did my best with the paddle, for I could see the tension was telling on her, and at last the great rock walls fell back on either hand, and dwarf pines and juniper climbed the less precipitous slopes, until these too opened out into a wide valley, and we slid forth safely into clear sunlight. Never had brightness and warmth so rejoiced me as they did after the cold damp horror of that passage through the dark rift in the earth.

#### THE RETURN.

It was James Lawrence, the English rancher, and Miss Carrington who told me what happened to those we left behind after the fateful moment when the canoe first slipped clear of the shingle bank. Lawrence accompanied the party on their return journey, and it was he who suggested sending Grace and Miss Carrington across in the canoe. The river ran high that morning, and he felt dubious about the ford, because several pack-horses had already been drowned there.

The first intimation he had of anything wrong was a cry from the girl, and he saw a strip of water widen between the canoe and the bank. He ran his hardest, but made little headway, for thorny bushes and fern formed thickets along the bank, while when he reached the boulders he felt that he had come too late, because no swimmer could then overtake the canoe, even if he escaped destruction in the first rapid immediately below. Nevertheless, after a glance at the drawn face of the girl, which haunted him long afterward, as with the first shock of terror on her she labored helplessly at the paddle, he would even have made the hopeless attempt but that Colonel Carrington, who of all the trio had retained his common sense, intervened. It was not without reason that the Colonel had earned the reputation of being a hard man.

"Come back! Stop him! Geoffrey, are you mad?" he roared; and Lawrence, who had now recovered his wits, flung himself upon a man who, stripping himself to the waist as he ran, floundered at break-neck speed among the boulders. They went down together heavily, and the next moment the runner had him by the throat, hissing through his teeth, "Let go, you fool, before I murder you!"

Lawrence was strong, however, and held fast half-choked for a moment or two, until the Colonel's cry reached them again:

"Get up, Geoffrey, you lunatic! Follow and head them off along the bank!"

The shouts and the confusion had startled his restive horse, and by the time he had mounted the pair were on their feet again stumbling over the boulders or smashing through the undergrowth in a desperate race, with the horse blundering behind them and the canoe ahead. They might possibly have overtaken it except for the rapid, Lawrence said, but it swept like a toboggan down that seething rush, and, as realizing that it was almost hopeless, they held on, there was a clatter on the opposite slope, and they saw me break out at headlong gallop from the woods. They halted when I crawled into the canoe, for we were beyond all human help from that bank now; and, flinging himself from the saddle, Colonel Carrington stood with clenched hands and quivering lips, staring after us, so Lawrence said, out of awful eyes.

"Bravo!" he gasped at length. "He'll reach the gravel-spit. Another two good strokes—they're almost in the eddy;" but the next words were frozen on his lips, for the backwash from a boulder swept away the bows of the canoe, and the words that followed came hoarse and brokenly, "My God—he's too late!"

Colonel Carrington was right, for, as held still and spellbound they watched, the canoe leaped down the entrance rapid and was lost in the mist of the black canon. The Colonel said nothing further, though he groaned aloud, and Lawrence did not care to look at him; but Ormond's face was ashy until a livid fury filled it as he turned upon the rancher.

"Confusion to you! Why must you stop me then?" he demanded.

"You would only have drowned yourself in the rapid and done nobody any good," Lawrence said.

"I wish to heaven I had," answered Ormond, with cold deliberateness. "As it is, you have helped that man to rob me again, even at the last, and I would give all I have to change places now with him."

Then, while Lawrence wondered what he meant, though when I heard the story I fully understood, the head of my horse rose for an instant out of the tumbling waters, sank, and rising, went down again, while a tremor ran through the Colonel's rigid frame, and he leaned against a hemlock with great beads of sweat on his forehead. The poor beast had doubtless been mangled against a boulder, and the sight was horribly suggestive.

"A very grim man," said Lawrence, when he narrated what happened; "but I felt most cruelly sorry for him. Didn't say very much—his sort never do; but he was in mortal anguish, and I knew how he would miss the girl."

Colonel Carrington was, nevertheless, the first to master his feelings, and his voice was steady once more when he turned to Ormond.

"Geoffrey, you will go back and send my sister round with the Indian by Tomlinson's crossing. Then you will return and overtake us in the ravine yonder. We are going to follow the crest of the canon to—to see what we can find."

It was a stiff climb up the ravine, trying in places to a mountaineer, but the old man held close behind his companion, and Lawrence wondered at him. He also felt sorry for Ormond, whose task was to overtake them, but when at last they hurried breathless through the pinewoods toward the edge of the chasm above the fall, the latter, looking like a ghost, came panting up with them. Then, standing on the dizzy brink, Colonel Carrington gazed down at the spot of green water and the whirling spray, which were dwarfed by the distance.

"That is the greatest danger, that and the whirlpool. Anything would swing around in the eddy, would it not?" he said. "Now, I want only the truth—you understand these rivers—could any white man take a canoe down there and through the pool safely?" and Lawrence, who dare not prevaricate with that gaze upon him, answered reluctantly, "I do not think so."

The Colonel's thin face twitched. "I thank you. No other possible landing place or foothold, is there? And it would take a day to go back to Tomlinson's and portage a canoe. Well, we'll go on to the end in a last hope that they have got through."

Now climbing is difficult in that region, because where the mountain slopes do not consist of almost precipitous snow-ground rock, they are clothed with forest and dense undergrowth, and it was therefore some time before the three had traversed the league or so that divided the summit from the outlet valley. Neither when they got there did they find the canoe, because when I helped Grace ashore I did not care where it went, and, once on terra firma she fainted sud-

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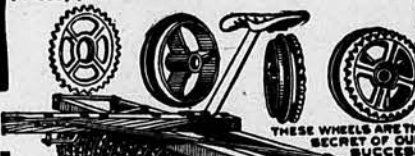
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denly, and then lay for a time sobbing on my shoulder in a state of nervous collapse. As she said, though a brave one, she was after all only a woman, and what had happened would have tested the endurance of many a man. At last, however, I managed to help her up a ravine leading down to the river, after which she leaned heavily on my arm as we plodded through the forest until we reached a small rancher's shanty, where, as the owner was absent, I took the liberty of lighting his stove and preparing hot tea. Then I left Grace to dry her garments.

TO BE CONTINUED.

### They'll Talk of Corn

Kansas has fallen off very materially in corn production in the last few years. The crop was short in 1911; in 1913 it amounted to practically nothing commercially, and this year again the yield was disappointing. Of course weather conditions are largely responsible for this showing, but we might well ask ourselves the question, "Are we doing our part for better yields?"

This question is to be handled at the meeting of the state board of agriculture, at Topeka, January 13-15, by S. G. Trent of Hiawatha. Mr. Trent is the champion corn grower of the state. That he is a real corn-grower, a man who is out working in the fields under real farming conditions, gives double assurance that he will deal with the question from a practical rather than a theoretical standpoint. This one paper and discussion should be worth the whole cost of the meeting, for corn is our most important crop. In fact the state annually plants 6 to 7 million acres or more to corn, and corn and wheat comprise about 75 per cent of the entire area in field crops. Corn is grown in every county, and whether the grower lives in the so-called corn belt or outside, he should receive a lot of benefit from Mr. Trent's experience in successful corn-raising. Others on the board's program not previously announced are:

J. Clyde Corbet, a young Shawnee county stockman, who is college educated and has had every opportunity to observe the so-called attractions of the cities, will tell why he was not influenced by the bright lights of the Great White Way, but rather chose the Kansas farm. One of the best dairymen in the state, William Newlin of Hutchinson, will pay tribute to the cow as "The Farm's Most Efficient Debt-payer." Prof. W. A. Cochel, of the Kansas State Agricultural college, Manhattan, will discuss the beef situation in Kansas. The beef industry in Kansas has been going backward and it is important to head it about in the other direction. Professor Cochel's talk and the discussion that is sure to follow ought to help show the way.

Charles F. Scott, who for years sat in review of the nation's agriculture as chairman of the committee on agriculture of the national house of representatives, will deliver an address on "The Future of American Agriculture." This eloquent speaker will discuss recent developments in agricultural methods and some of the effects the war is likely to have or should have on the farming interests of the United States.

"Methods and Crops for Western Kansas" will be handled by G. E. Thompson, superintendent of substations, Kansas State Agricultural college, and George E. Putnam of the Kansas university, who has deeply investigated the subject in this state, will talk on the important topic of "Farm Credit in Kansas." Owing to the increasing popularity of agricultural fairs in recent years, the address of G. W. Hervey of the Twentieth Century Farmer, Omaha, will have a cordial reception, particularly as Mr. Harvey is so well qualified to present the subject, having had wide experience as a farmer, stockman, fair man and editor.

Correspondence indicates that much interest is being manifested over the state in the board's forthcoming meeting, and an increased attendance is looked for. The printed programs may be had by addressing the secretary of the board, Topeka. Remember, this meeting is for all Kansans. The public is cordially invited.

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# Why the Cost of Operating Railroads Has Been Increased

## STRUGGLING AGAINST INCREASED COST OF LABOR AND SUPPLIES ON ONE HAND—REDUCED RATES ON THE OTHER

During the last few years the advocates of government ownership of railroads have been somewhat persistent in the public press and the matter is referred to here, not with any idea of combatting this propaganda, but merely that the people may briefly see both sides of the picture. So long as a lot of men welcome the wrecking of the railroads on the theory that the government will take them over and that such a state of affairs would be preferable to private ownership, it will be impossible to obtain from them a fair judgment of the latter system which now prevails in the United States. It is impossible to go into this great question at any length at this time, but here are a few things worth thinking about. Much has been said in recent years about the "water" contained in American railroad securities, and, in this connection the valuation of the government owned railroads of Europe is very interesting. In Germany the state owned roads are capitalized at \$114,185 per mile, in Austria at \$120,692, in Hungary at \$69,210, in Italy at \$126,836, in Belgium at \$190,914, in Switzerland at \$102,950, in Roumania at \$90,113, in Japan at \$88,104, in New South Wales at \$71,391—while the privately owned lines of the United States, regardless of what water may have been forced into them in specific instances, are capitalized at only \$63,944 per mile. Whatever inflation may therefore have been put into these properties in the past, the fact remains that their present valuation is much lower than that of the government owned railroads of Europe, and, what is still more important, the rates charged are the lowest and the service rendered admittedly the best in the world.

In this connection, a statement contained in the last annual report of the Deutsche Bank of Berlin, which has a paid-up capital and reserve fund of \$75,000,000, is interesting: "American railroads need higher rates. The present rates are the lowest in the world—representing but a fraction of the English railway rates, for instance—and this in the face of the fact that wages in the United States on the average are fully twice as high as in Europe." Certainly this view of the privately owned lines of the United States, coming from Germany, which has the most successful state owned system of transportation in the world, is worthy of grave consideration.

### LETTING WELL ENOUGH ALONE.

In view of these facts, the average citizen may well ask himself whether it is not best to let well enough alone rather than invite other ills we know not of—whether it is not wiser to cure such defects as may encumber the present system rather than run the danger of plunging this mighty industry into the whirlpool of party politics for all time, with its attendant opportunity for evil of which the past affords such rich variety of experience. The United States is still a young country, and in many sections only partially developed. Many new lines and extensions are needed here and there to give a wider opportunity to expanding agriculture and commerce, and nothing could be more unfortunate or disastrous than that these favors could henceforth be obtained only by leave of the dominant political factions which will reign at the national capital in the years to come. Political parties are intensely human institutions, and the average cautious citizen will prefer to leave the railroad expansion of the fu-

ture to the economic law of supply and demand of the different communities rather than to place such a temptation for power in the hands of those who rise and fall in the field of politics. Furthermore, should the time ever come when the government takes over the railroads, it means that the people will have to forego the millions of taxes which they now pay and which help to support the public schools, public highways and other public expenses. Many other things could be said upon this phase of the question, but space forbids. For some time, the government, through the Interstate Commerce Commission, has been engaged in making a physical valuation of all our railroads as a matter of guidance for future rate adjustments. Again, we repeat, since the people absolutely control and regulate the railroads, is that not enough? Will it not be better to let well enough alone—to cling to that which is good and eliminate that which is bad in the present system which, with all that has been said against it, furnishes the best and cheapest transportation service in the world?

### INCREASED COST OF OPERATION.

We now wish to refer briefly to another phase of the problem. For a number of years the cry of the "high cost of living" has been everywhere abroad in the land. Time was, not so many years ago, when the farmer sold his corn at 25 cents per bushel. Now it brings from 50 cents to 75 cents. So, too, he sold hogs at 3 cents per pound, which now readily bring from 7 cents to 10 cents—while a good steer calf, which used to bring from \$10 to \$12, now sells for from \$20 to \$25. Nobody who knows anything about present land values or the farmer's cost of production will contend that he is not entitled to these increased prices. As a matter of fact, unless he is an exceedingly good manager and utilizes the best of modern agricultural thought he is by no means getting rich at present prices—high as they may seem to people in the cities who do not understand the cost attached to present-day farming. To go back to the old prices he used to receive would bankrupt, in a little while, every farmer in the country—and the tendency of the future will be for the prices of farm products to go still higher rather than lower. Agriculture is the nation's greatest fundamental industry and society must make the farm game sufficiently profitable to justify the man who is on the farm today and the farmer boys of the future to stay by the plow. Much has been said recently about the fact that the farmer does not receive enough for what he produces—that there is too big a waste in the channels through which his products pass before they reach the consumer, and that he has some cause for complaint in this respect is undoubtedly true. However, the railroads can face such an inquiry with a clear conscience—for an exhaustive investigation conducted by the Lehigh Valley Railroad some time ago shows that the farmer gets 50½ cents out of the average dollar's worth of products he sells; the packers, local shippers, distributors and retailers get 44½ cents between them; while the railroads receive only 5 cents, or one-twentieth of the dollar, for the transportation services they render.

So, too, there has been a steady advance in practically the entire realm of merchandise and manufactured products, whatever their nature, and the ever increasing toll in the cost of labor, steel

products, lumber, cars, locomotives, and other supplies has levied a tribute of untold millions upon the railroads, which have not only been forbidden to increase their rates, but, on the contrary, in many instances compelled to lower them.

### BIG INCREASED COST OF LABOR.

To give the reader an exact idea of how the cost of labor has advanced in the operation of railroads we quote the following increases in the daily wage from 1900 to 1914—a period of only fourteen years: In the case of engineers it increased from \$3.38 per day to \$5.76, or an increase of 56 per cent; firemen from \$2.21 to \$3.62, or 64 per cent; conductors from \$3.31 to \$4.83, or 45 per cent; station agents from \$1.98 to \$2.16, or 9 per cent; other station men from \$1.62 to \$1.90, or 17 per cent; ordinary trainmen from \$1.97 to \$3.36, or 70 per cent; machinists from \$2.72 to \$3.52, or 29 per cent; carpenters from \$2.31 to \$2.59, or 12 per cent; other shopmen from \$1.93 to \$2.20, or 14 per cent; section foremen from \$1.51 to \$1.83, or 21 per cent; other trackmen from \$1.15 to \$1.52, or 32 per cent; telegraph operators and dispatchers from \$2.25 to \$2.65, or 17 per cent. This means a general average increase in wages of 32 29-100 per cent and all other classes of railroad operatives and employees in a more or less similar degree. While these advances have proven a great boon to the nearly two million men employed in the railway service and increased their capacity to buy from merchant and farmer, they have exacted many millions annually from the railroads themselves—all of which made the general public richer, but the roads poorer. (In 1900 the railroads paid \$1.44 per ton for coal. Now they pay \$1.81. Then they paid 38c for ties. Now they pay 52c.)

### OTHER INCREASED COSTS.

But there are many other items which have enormously increased the cost of railroad operation which we cannot go into because of a lack of space. The public is constantly demanding a more efficient and a safer service, and hence the railroads have had to spend vast sums in installing block signals, steel passenger cars, doing away with grade crossings, straightening lines, heavier locomotives, better roadbeds, and supplying many other precautions protecting both their operatives and the public—all things very necessary, yet very costly.

Now, while labor, farm products, merchandise and manufactures and supplies of all kinds have steadily increased in price, the railroads, as stated before, have been compelled to reduce their rates in the face of this avalanche of ever-advancing cost of operation—and that all but the most powerful lines find themselves in an exceedingly critical condition is not to be wondered at. The farmer, the merchant, the manufacturer and the laborer justly insist that they would not be able to get along on the prices they received ten or fifteen years ago. How, then, can the railroads, which are the largest employers of labor and buyers of material in the United States, be expected to exist on less than they received ten or fifteen years ago? In view of these facts, it is no wonder that President Wilson and other patriotic and careful students of the situation are speaking words of kindly admonition to the American public, to the end that the railroads, through whose giant arteries flows the very life blood of the nation, may not be wrecked and destroyed.

### THE PUBLIC AND THE MANAGER.

On the one hand, for the last twenty-five years the public has demanded the best and highest efficiency in service and lower rates in one and the same breath. On the other hand stand the thousands of men and women who have invested their money in railroad securities and who, in common with the farmer, the manufacturer and the merchant, believe they are entitled to a fair profit. Then come the hundreds of thousands of employees who are continually clamoring for an increase in wages, as well as the cost of all manner of railroad supplies which is constantly advancing—and between them, as arbiters, stand the managers of the roads—the big "hired men," struggling with might and main to reconcile all these conflicting interests in the face of reduced rates upon every hand. That they have at last reached a point where they can continue the unequal struggle no longer should not be a matter of wonder—and in face of

the harsh and unfriendly criticism which has descended upon their heads from every quarter they find themselves in the mental attitude of the fiddler in the Western mining camp when he yelled out, "Please don't shoot, boys; I am doing the best I can."

(To Be Continued Next Week.)

### Feed the Milk Cows

It seldom pays to milk half-fed cows. There always is a tendency to limit the amount of grain fed when it is high priced. This is a doubtful practice. A good cow will give enough milk to pay for some grain in addition to the roughage she eats if she gets good care and shelter. Any reduction in the amount of grain fed usually is followed by a reduction in the amount of milk produced.

The condition of the cow and the amount of milk she gives should determine the amount of grain to feed. Every cow requires a certain amount of food to keep up the body energies. All she gets over this amount may be used for milk production. If a cow is underfed she will get thin. If she is overfed she will go off feed or put on fat. These conditions can be determined easily as they are indicated by a loss or gain in weight.

Every cow ought to have feed enough to produce all the milk she is capable of producing. If she is fed less than this amount the profit usually is decreased. A good rule to follow is to feed all the roughage the cow will eat and about 1 pound of a good grain mixture for every 3 to 4 pounds of milk produced. If the cow gives milk rich in butterfat she will need about 1 pound of grain for every 3 pounds of milk, while if she produces milk poor in butterfat she will need only 1 pound of grain for every 4 pounds of milk. The ration should be bulky enough to satisfy the animal's appetite and yet furnish all the food materials needed.

Conditions as much like those of summer as possible favor cheap production. Cows need shelter, comfortable surroundings, and succulent feed. Warming cows with feed, in zero weather, is an expensive process. Many men find it profitable to warm the water enough to take off the chill in the coldest weather. There is plenty of fresh grass in summer. Good silage is the best substitute we have for this in winter. Silage is a roughage and should be considered as such. While silage is used as a substitute for grass it should not be the only roughage fed. Some other coarse dry feed is needed. Three pounds of silage usually is considered equivalent to 1 pound of good hay.

The best feeds to use will depend on local conditions and prices. The ration that is most efficient often is not the cheapest. A grain mixture consisting of 4 parts ground corn, 2 parts wheat bran, and 1 part cottonseed meal with 30 to 40 pounds of silage and all the alfalfa hay the cow will eat makes a good ration. This may be varied or other feeds substituted to suit local conditions.

Turner Wright.

### Livestock Officers for 1915

(Continued from Page 17.)

about the same number of transfers were made during the year. Prof. C. F. Curtiss, Ames, Ia., was re-elected president; N. H. Gentry, Sedalia, Mo., vice-president; F. S. Springer, Springfield, Ill., secretary; D. W. Smith, Springfield, Ill., treasurer; and Thomas Rees, Springfield, Ill., auditor. The date of farrow for show purposes was changed from March 1 to February 1 for spring pigs. This class will be called junior pigs. The board of directors will recommend this change to the fair managers' association.

The American Poland China Record association elected L. Lukens, Disco, Ind., president; W. M. McFadden, Chicago, secretary; and J. W. Blackford, Hillsboro, Ia., treasurer.

The officers elected by the National Society of Record associations were: Abram Renick, American Shorthorn Breeders' association, president; W. R. Goodwin, American Saddle Horse Breeders' association, vice-president; and Wayne Dinsmore, Percheron Society of America, secretary-treasurer. All these men have offices in Chicago. A resolution to be presented to the Interstate Commerce Commission protesting the proposed increase in livestock freight rates was adopted.



### You Pay Less, Not More

Some say that one of the causes of the high cost of living is the money spent for advertising. Let's see if it is.

The manufacturer sells his goods to the dealer by sending a salesman to see him. The cost of selling merchandise goes into the final price the consumer pays, just the same as the cost of manufacturing it does. It is easy to see that the smaller the quantity of goods the salesman is able to sell in a certain time, the larger this selling cost must be proportionately.

Now it has been found that while the salesman who represents a firm that advertises its goods, usually earns more than the one who travels for the concern that doesn't advertise—the railroad fare and salary of the salesman is spread over, say twice or three times the quantity of merchandise—and the part of this expense each ultimate consumer has to pay is less on the advertised than on the unadvertised article.

So with other items of the manufacturer's expense. Many of these, such as capital invested in plant and machinery, are as great for a small as for a large quantity of output. Advertising increases the amount of business and cheapens the cost of production by spreading this cost over more goods.

Five cents was the price of a standard bar of soap 20 years ago. Today you buy a much better soap at the same price. Soap manufacturers are among the heaviest advertisers. They make a smaller profit on each bar of soap now than they did then—but they sell an immensely larger quantity, because of their advertising.

The goods you buy must be sold to you in some way, and you must pay what it costs to do it. It has been proved beyond all question that advertising lessens instead of adds to the cost of selling merchandise. It enables the advertiser to give you more and better goods for the money than he could without advertising.

### Sudan Grass Success

You will perhaps be interested in knowing something of my experience with Sudan grass this season. Most of my crop was planted on prairie sod which was broken last April and early May but some was listed on old ground. The sod crop was planted with my grain drill having most of the holes closed. All of it was planted at the rate of about 2 pounds to the acre late in May in rows 3 to 3½ feet apart in order that the grass could be cultivated as a seed crop. The sod was disked and harrowed several times before planting but most of it did not need cultivation after planting. The Sudan seed germinated very quickly. At first the plants were quite small but after two or three weeks they began to grow very rapidly. The crop on the old ground was cultivated three times. By the last of July the crop was 6 feet high and beginning to head out. Late in August the crop was cut for seed with my corn binder and yielded more than 500 pounds of seed to the acre.

In addition to this there was about 1½ tons of cured forage to the acre from this first cutting and as threshed straw I am now feeding it to my cattle. They like it very much and do well on it.

The grass grew rapidly after the seed crop was cut and a month later, or September 1, we cut a good sized hay crop, nearly 1 ton to the acre, I think,

just from these rows. That was more than my prairie hay made and it was better feed. All of this was done despite late planting and in a season so dry that corn on upland such as my Sudan grass was grown on, makes only about 10 bushels to the acre. I fully believe that Sudan grass will quickly become an important factor in Kansas agriculture.

Wilson G. Shelley.  
Roselawn Farm, McPherson, Kan.

### Kansas Soils Need Lime

A great deal of the soil on Kansas farms, especially on land formed from the decomposition of shale or sandstone, is acid. A very high proportion of the land in southeastern Kansas is in this condition. Acid soil needs an application of limestone before legumes such as alfalfa, red clover or cowpeas can be grown profitably. If the soil on your farm has become acid you can correct

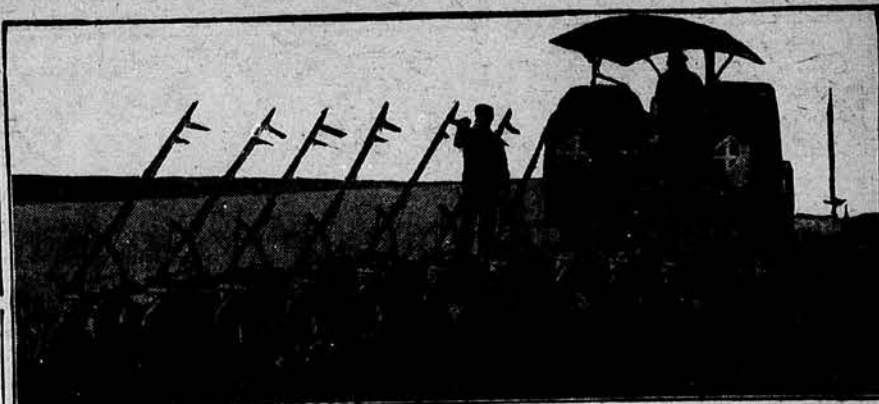
### FOR A LETTER, \$2.50

Send us a plan for starting a 100-hen poultry plant on a small plot of ground near a town or city. The best plan received before January 27, will win a cash prize of \$2.50. You have had experience in growing poultry, and your experience may be very valuable to the fellow who wishes to keep a few hens but knows nothing about the work. Just tell how you would plan a little poultry business on an acre or two of ground, if you had to make part of your living that way.

this condition easily and cheaply. The Fredonia Portland Cement company of Fredonia, Kan., is selling ground limestone for \$1 a ton, in carload lots. This material is easy to apply, and it is the cheapest way in which soil acidity may be corrected. A greatly increased use of limestone in Kansas is needed. Write to L. E. Call, professor of soils in the Kansas State Agricultural college at Manhattan if you wish to get the opinion of a specialist in soils in regard to limestone. If your soil is inclined to be acid, applications of limestone from the Fredonia plant will pay well. There is no question as to the value of limestone for such soil.

The timber industry represents 37 per cent of the annual production of wealth in British Columbia.

What we need, in order to do the work of the world as it should be done, is some more horse power and a great deal more brain power.



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THIS is the farm tractor which has stood up year after year, always gaining in popularity. It's the tractor which has decreased cost for hundreds of farmers throughout the agricultural world. It will do the same for you.

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The Big Four has three speeds, which gives great flexibility. Transmission has Hystat Heavy Duty roller.

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bearings and cut steel hardened gears, all running in an oil bath. Uses kerosene or gasoline. Has self-cleaning device. Send for illustrated catalog showing Big Four "30" in action, and letters from enthusiastic users.

### A Size for Every Farm

Emerson Model L—4 Cylinder—3 Speeds  
Big Four "30"—4 Cylinder—3 Speeds  
Big Four "35"—4 Cylinder—3 Speeds  
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## ANTI-FRICTION FOUR-BURR MILLS

Have Double the Capacity of Gearing Mills

Two complete sets of burrs grinding at once. No gearing—no friction—greatest capacity. Four-horse mill grinds from 40 to 50 bushels per hour. Two-horse mill grinds from 20 to 40 bushels per hour. The lightest draft and the most durable mill in use. Large ears of corn grind in this mill like pop corn. In other mills, WILL EARN ITS COST IN THREE DAYS AT PRESENT PRICES OF GRAIN. We sell our Complete IOWA NO. 2 for \$12.50. We also manufacture the Bovee Western Steam Feed Cooker, having return flue and water jacket fire box. Send for free illustrated catalog.



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This handy shoe repair outfit was made especially for home use. With the aid of these tools you can easily do any kind of shoe repairing at a great saving of time and expense. The outfit comes securely packed in a box and consists of the following: Iron stand for parts; one each 9 in., 7½ inch, 6¾ inch lasts; shoe hammer; shoe knife; peg awl; sewing awl; stitching awl; one package of heel nails; one package of clinch nails; and full directions. A most complete and serviceable outfit which will always give satisfaction.

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### MONMOUTH OR GANG PLOW

will prove easier for you to handle, easier on your horses and will do your work better than any plow you can buy, regardless of price. It's positively the only plow that actually carries the beams on top of the frame. No pressure on bottom of furrow—no friction. Single Ball and Horse Lift; and "Point First" action.

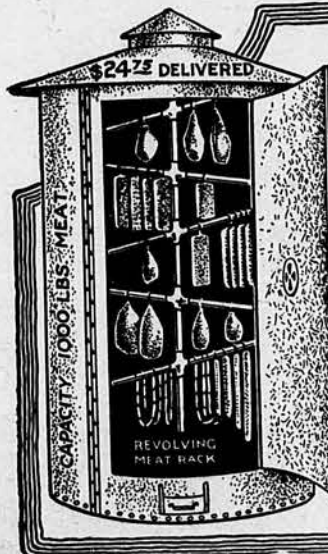
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FREIGHT PREPAID, SO YOU KNOW EXACTLY WHAT YOUR PLOW IS GOING TO COST YOU

I'll give you a chance to prove every statement I make, and we'll pay the "damages"—freight both ways—if we "fall down" in a single assertion. I want to tell you all about these plows and our other implements—Cultivators, Disc and Spike Tooth Harrows, Grain Drills, Mowers, Rakes, Farm Gates and other farm tools—all sold at factory prices. Satisfaction guaranteed. Just write a postal for our complete catalog. It's free. Write to me, The Plow Man, with



Monmouth Plow Factory, 121 So. Main St. Monmouth, Ill.



## COLUMBIAN FEED COOKER AND SCALDING VAT

If you want your hogs to get the full benefit of all their feed; if you want them to put on weight readily, easily and economically; if you want your hogs to keep up their summer flow of milk; if you want your stock to keep in the best of condition and gain in size and flesh; if you want your poultry to keep on laying eggs throughout the winter as well as gain in size and flesh; feed them warm cooked food. It is easy to do this with a Columbian Combination Feed Cooker and Scalding Vat.

USES: In addition to cooking food it can be used as a scalding vat for hogs on hog killing days.

With it you can heat water for taking the chill off the watering tank, boil down syrup, heat the water for wash day, boil water for washing dairy utensils, and a hundred other uses. It can be moved anywhere and used anywhere. With it you can heat up the milk room, hog houses, poultry houses, or cellar.

CONSTRUCTION: The Columbian Combination Feed Cooker and Scalding Vat is made of the highest quality galvanized metal. The pan is 6 feet long, 24 inches wide at the bottom, and 30 inches wide at the top and has a capacity of 100

gallons. The fire box is 12 inches deep and extends the full length of the pan, which gives you the full efficiency of the fire. It will burn anything—chips, chunks, cobs, or old fence posts, without cutting them. You can boil water in 15 minutes—a big saving in time and fuel over the old caldron kettle. At a price of only \$15.00 delivered to your station it is the best investment you can make. It will pay for itself in 30 days.

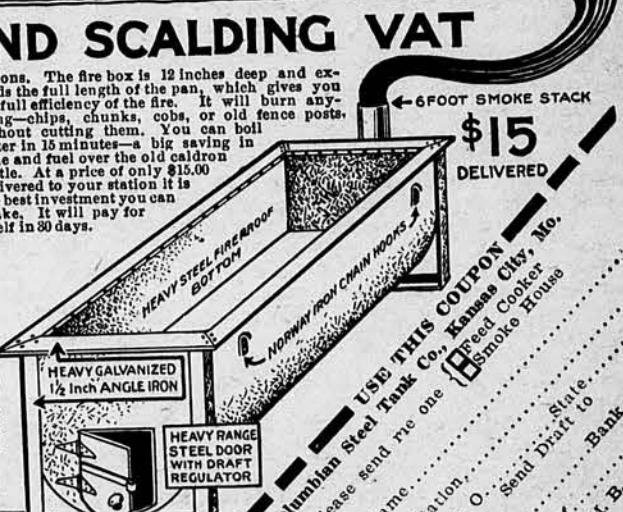
## GALVANIZED SMOKE HOUSE

The most practical smoke house ever devised for the farmer. In it you can smoke and cure your meat perfectly. It is rat proof, fly proof, vermin proof, and can be used as a year round store house for meat. The fire can be made in the bottom of the smoke house or in a stove on the outside, there being a flue connection near the bottom. The revolving meat rack makes it easy to put in or take out meat.

Why pay fancy prices for your summer meat when you can cure and smoke your own and get better meat at a fraction of the cost. The small size is 4 feet in diameter by 8 feet high and has a capacity of 1000

lbs. of meat. The price on it is only \$24.75 delivered to your station. Prices on larger sizes on application. SEE YOUR DEALER. Tell him that you want Columbian products. If he cannot supply you send us your order and we will supply you the same day we receive it. You can either send us cash with order or give us the name of your bank and we will send bill of lading with draft attached and you can pay for your bin when you receive it. If you are in a big hurry, telegraph your order or have your dealer do so. Do not allow him to give you a substitute. Demand and get the Columbian. Illustrated circular free.

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Please send me one ☐ Feed Cooker ☐ Smoke House  
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# FARMERS CLASSIFIED PAGE

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¢ 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 110,000 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.

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**THIRTY WHITE ROCK COCKERELS \$2.00** each. J. C. Bostwick, Hoyt, Kan.

**BUFF ROCK COCKERELS FOR SALE.** Mrs. Perry Myers, Fredonia, Kan.

**BUFF ROCK COCKERELS FOR SALE.** William A. Hess, Humboldt, Kan.

**ONE HUNDRED WHITE ROCKS FOR** sale. W. T. Blackwell, Quinter, Kan.

**WHITE ROCK COCKERELS. PRICE \$1.50** to \$3.00. S. M. Chestnut, Holton, Kan.

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**BARRED COCKERELS. \$1.00. TEN YEARS** breeding. W. Speelman, Marysville, Kan.

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**BIG TYPE BARRED ROCKS. SHOW** birds and breeders. A. H. Duff, Larned, Kan.

**GUARANTEED BARRED ROCK COCKER-** els, \$2.00 each. Harry Cammins, Toronto, Kan.

**BARRED ROCK COCKERELS. \$1.50 AND** \$2.00 each. Dave Baker, Conway Springs, Kansas.

**FOR FINE BARRED ROCK COCKERELS** inquire of Wm. C. Mueller, Route 4, Hanover, Kan.

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**PURE WHITE ROCK COCKERELS—** Beauties. \$2.00 each. Mrs. Elmer Lane, Burlington, Kansas.

**CHOICE BARRED ROCK COCKERELS.** Heavy laying strain; \$2 each. L. B. Brady, Fowler, Kan.

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**MCCARTHY'S BARRED ROCKS. CHOICE** farm raised cockerels \$2 each. Mrs. Dan McCarthy, Newton, Kan.

**FOR SALE—PURE BRED BUFF ROCK** cockerels. Write me for prices. R. Houdyshell, Pawnee Rock, Kan.

**WEIGHER-LAYER BARRED ROCKS, 106** premiums. Early cockerels \$2.00 up. W. Opfer, Clay Center, Kansas.

**PURE BARRED ROCK COCKERELS.** Twenty years' experience. Mrs. Alice Illian, Lawrence, Kan., R. 4.

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**BARRED ROCKS—25 FINE COCKERELS,** 60 pullets. Best of breeding and quality. \$1.00 each. G. M. Shepherd, Lyons, Kan.

**30 WHITE ROCK COCKERELS DURING** January \$1 and \$2 each. Excellent show record. Nellie McDowell, Garnett, Kan.

**WHITE ROCKS. BIG BONED. SNOW** white. Prize winners. Cockerels \$1.50 to \$5.00 each. Mrs. Ben Miller, Newton, Kan.

**THE NEXT 30 DAYS WILL SELL MY** Barred Rock cockerels \$2.00 each; good laying strain. Mrs. John Yowell, McPherson, Kan.

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**WHITE ROCKS. LARGEST, WHITEST** and highest scoring birds in the West. 100 big snow white ckls. and pullets for sale. Chas. C. Fair, Sharon, Kan.

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**BARRED ROCKS—BACK AGAIN WITH** some dandy good ones. Cockerels \$1.50 to \$3.00. Pullets \$1.00. Mated pens of choice pullets and cockerels at reasonable prices. James H. Parsons, Quinter, Kan.

**FIFTEEN WHITE ROCK HENS AND** thirty select pullets at \$1 and \$1.50. Twenty choice cockerels at \$2 and \$3 each. All sired by first cock and first cockerel of Missouri State Show. D. J. Ward, R. 7, Severance, Kan.

### PLYMOUTH ROCKS.

**ONE HUNDRED RINGLET BARRED ROCK** cockerels for sale. Both matings. Barred to skin. Prices \$1 to \$5. Write me your wants quick. Only thirty days' sale. M. P. Thiele, Barred Rock Fancier, Lucas, Kan.

**BARRED ROCKS. 300 BIRDS FOR IM-** mediate shipment. We lead, others follow. Won more prizes at Southwestern show than any other exhibitor. Vice Pres. and Sec'y of State Barred Rock Club. Fred Hall, Lone Wolf, Oklahoma.

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**SINGLE COMB BROWN LEGHORN COCK-** erels. Henry Ketter, Seneca, Kan.

**SINGLE COMB BROWN LEGHORN COCK-** erels. C. A. Lucas, Route, Lewis, Kan.

**CHOICE S. C. WHITE LEGHORN COCK-** erels. Mrs. W. R. Hildreth, Oswego, Kansas.

**CHOICE S. C. WHITE LEGHORN COCK-** erels, one dollar. John Bradley, Garnett, Kan.

**R. C. W. LEGHORN COCKERELS, \$1** each or 6 for \$5.00. Mack Posey, Larned, Kan.

**PRIZE ROSE COMB WHITE LEGHORN** cockerels, six for \$5.00. A. G. Dorr, Osage City, Kan.

**PURE EVEN BUFF S. C. LEGHORN** cockerels. 6 for \$5.00. Geo. Dorr, Osage City, Kan.

**S. C. W. LEGHORN COCKERELS. LAY-** ing strain. Pure white. Mrs. Lydia Fuller, Clyde, Kan.

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**MY FAMOUS S. C. W. LEGHORNS WIN** everywhere. Cockerels and pullets, \$1 up. Geo. Patterson, Lyndon, Kan.

**S. C. W. LEGHORN COCKERELS FROM** prize winning stock, \$1.00. Six for \$5.00. Chas. McFadden, Morland, Kan.

**ROSE COMB BROWNS THAT WON THE** blues at Hutchinson State Fair. \$1.00 and upwards. Otto Berth, Plains, Kan.

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**WHITE ORPINGTONS, ALL AGES. REA-** sonable. Mrs. Helen Lill, Mt. Hope, Kan.

**CRYSTAL WHITE ORPINGTON COCK-** erels, \$1.50 and \$2.50 each. Almeda Foster, Burr Oak, Kan.

**WHITE ORPINGTON COCKERELS, PURE** bred, \$2 to \$3 each. John Van Amburg, Marysville, Kansas.

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**S. C. BUFF ORPINGTONS. COCKERELS** and cocks \$2 to \$3. Hens \$1 to \$2. Mrs. Grant Stafford, Winfield, Kan.

**BUFF ORPINGTONS—40 CHOICE PULLETS** \$1.00 and \$2.00. No culls. Closing out. James H. Parsons, Quinter, Kan.

**BUFF ORPINGTONS—25 YEARLING COCK** birds for sale, of rare quality; can please you. Aug. Petersen, Churdan, Ia.

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**BLACK ORPINGTON SPECIALIST OFFERS** eggs and cockerels from prize winners at low prices. Booking orders now. Claude Davis, Iowa City, Iowa.

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**S. C. BUFF ORPINGTONS. WELL** marked and big fellows. \$2.00 to \$5.00 each. Toulouse geese, as fine birds as grow. Single birds \$3.00. Pair \$5.00. John Bruce, Monroe, Iowa.

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**PURE BOURBON RED TURKEYS. FAY** Eby, Turon, Kan.

**WHITE HOLLAND TURKEYS. PRICES** free. Grace Garnett, Marion, Mo.

**MAMMOTH BRONZE TURKEYS. MRS.** O. E. Browning, Uniontown, Kan.

**PURE BRED BOURBON RED TURKEYS.** John Carroll, R. R. 2, Lewis, Kan.

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**PURE BOURBON RED TOMS \$4.00, HENS** \$3.00. V. E. DeGear, Deerhead, Kan.

**MAMMOTH BRONZE TURKEYS. EXTRA** large stock. Aug. Cerveney, Ada, Kan.

**BOURBON RED TURKEYS. EXTRA** large. Walter Dodson, Denison, Kan.

**EXTRA FINE, LARGE, WHITE HOL-** lands. Mrs. S. J. Bloxom, Pratt, Kan.

**THOROUGHbred MAMMOTH BRONZE** turkeys. Letha Parkhurst, Plainville, Kan.

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**NARRAGANSETT TURKEYS. HENS AND** toms. Mrs. S. W. Rice, Wellsville, Kan.

**BOURBON RED TOMS, 18 TO 20 LBS.** \$4.00. Mrs. John Jevons, Wakefield, Kan.

**PURE BOURBON RED TURKEY TOMS,** \$3.50. Mrs. Bessie Fuller, Blackburn, Okla.

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**THOROUGHbred BOURBON RED TUR-** keys. Toms \$4. Mrs. G. A. Newell, Milan, Kan.

**LARGE, FULL BLOOD BOURBON RED** turkey for sale. Emma Lamb, Havana, Kan.

**MAMMOTH BRONZE TURKEYS. HENS** \$3.00. Toms \$5.00. D. C. Lamb, Richland, Kansas.

**WHITE HOLLAND TOMS \$4.00. HENS** \$3.00. Three for \$9.00. Wm. Turley, Bancroft, Kan.

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**THOROUGHbred BOURBON RED TUR-** keys. Toms \$4. Hens \$3.00. James Butler, Glasco, Kan.

**FULL BLOOD BRONZE TURKEY TOMS,** \$4.00. Hens \$2.50. Mrs. Roy Brubaker, Dexter, Kan.

**TURKEYS—WHITE HOLLAND, EITHER** sex. Write me your wants. Andrew Kosar, Delphos, Kan.

**THOROUGHbred BOURBON RED TUR-** keys. Tom \$3.50. Hens \$2.50. Mrs. E. Passmore, Wayne, Kan.

**BOURBON RED TOMS \$1.00. AFTER FEB.** 1st \$5.00. Eggs in season 25c each. Mrs. F. B. Tuttle, R. 2, Chanute, Kan.

**MAMMOTH BRONZE TURKEYS. BIG** boned kind. Toms \$5.00. Hens \$3.50. Etta B. French, Partridge, Kan.

**BOURBON RED TURKEY TOMS, \$4. BUFF** Orpingtons, ducks and roosters. Mrs. Bert Patterson, Independence, Kan., Rt. 7.

**LARGE WHITE HOLLAND TURKEYS.** Extra large, fine and healthy. Toms \$5.00. Hens \$4.00. Chas. W. Zabel, Wetmore, Kan.

**WHITE WINGS AND TAIL BOURBON** red turkeys; 20 lb. toms \$4.00; 12 lb. hens \$3.00. Mrs. A. W. Powers, New Albany, Kan.

**PURE BRED (OR THOROUGHbred) M.** B. turkeys. Toms weigh 26 to 30 lbs. \$5. Hens \$3.50. Mrs. Chas. L. Parsons, Brookville, Kan.

**RED BOURBON TURKEYS, STANDARD** markings, large and healthy. Price \$2.50 to \$5. Satisfaction guaranteed. Rebecca Woodall, Fall River, Kan.

**PERKINS'S BRONZE TURKEYS HAVE** won more prizes wherever shown than all others combined. No better blood in America. G. W. Perkins, Newton, Kan.

**MAMMOTH BRONZE TOMS, THE HEAVY** kind. Eggs in season. If it's pounds you want, buy from my flock. Berry method of turkey raising with each order. C. W. Berry, Moore, Okla.

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**WHITE LANGSHAN COCKERELS. WM.** Wischmeier, Mayetta, Kan.

**WHITE LANGSHAN COCKERELS. EGGS** in season. Mattie Rowe, Lane, Kan.

**BLACK LANGSHAN COCKERELS, SCORED** by Rhodes. Martha Haynes, Grantville, Kan.

**BLACK LANGSHAN COCKERELS AND** pullets. Best of breeding reasonable, if taken soon. W. S. L. Davis, Nickerson, Kan.

**30 BLACK LANGSHAN CKLS. AT \$1.00 TO** \$3.00 each. Positively no better Langshans bred. J. A. Lovette, Poultry Judge, Mulholland, Kan.

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**DARK CORNISH STOCK FOR SALE. J. C.** Maichel, Overbrook, Kan.

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**WHITE WYANDOTTES—SILVER CUP** winners. A. C. Akey, Belleville, Kan.

**COLUMBIAN WYANDOTTE COCKERELS,** \$1.00 each. Bertha Chacey, Meriden, Kan.

**GOLDEN WYANDOTTE COCKERELS** scoring to 94. D. Lawver, Route 2, Weir, Kan.

**PARTRIDGE WYANDOTTE COCKERELS** two dollars each. T. C. Lee, Elk City, Okla.

**GOLDEN WYANDOTTES. WINNERS AT** Topeka State Show. M. M. Douglas, Belleville, Kan.

**WHITE WYANDOTTE COCKERELS—FINE** large heavy bone fellows. Andrew Kosar, Delphos, Kan.

**EXTRA CHOICE WHITE WYANDOTTE** cockerels, \$1.50. Pure bred. Frank Mayer, Marysville, Kansas.

**PARTRIDGE WYANDOTTE COCKERELS** \$1.50 to \$3.00 if taken at once. DeBuck Bros., Macksville, Kan.

**WHITE WYANDOTTE COCKERELS.** Scored. Range raised. \$1.50 to \$5.00. F. S. Teagarden, Odell, Neb.

**QUALITY WHITE WYANDOTTES. COCK-** erels, pens. Trice. Write for prices. Mrs. M. E. Johnson, Humboldt, Kan.

**GOLDEN WYANDOTTE COCKERELS.** Special price for quick sale. Geo. W. Shelley, R. No. 2, McPherson, Kan.

**SILVER WYANDOTTES EXCLUSIVELY.** Farm raised. Tarbox strain. From prize winning stock. Choice cockerels \$1.50, \$2.00, \$2.50, \$3.00. Mrs. Edwin Shuff, Plevna, Kan.

**WHITE WYANDOTTES. HENS AND PUL-** lets \$1 and \$2. Cocks and cockerels \$2 to \$5. Bred from special mated prize winners. Plocks White Wyandotte Farm, R. 3, Clay Center, Kan.

**SILVER LACED WYANDOTTES. FIRST** On pen, hen, pullet, and cockerels, at 1914 Four County Fair, Chanute. Cockerels \$1.50 to \$3.00. Hens and pullets \$1.00 each. E. T. Blackwood, Chanute, Kan.

**COCKERELS—WHITE WYANDOTTES EX-** clusively. Early March hatched; large, vigorous; breeders; Rose Comb, pure white; \$3 and \$5 each. Snowflake Poultry Farm. Mrs. H. S. Tonnemaker, Beatrice, Neb.

### RHODE ISLAND REDS.

**CHOICE R. C. RED COCKERELS. \$1.** Some at \$2. Carl F. Smith, Cleburne, Kan.

**CHOICE R. C. RED COCKERELS. \$3.** Some at \$2. Carl F. Smith, Cleburne, Kan.

**CHOICE ROSE COMB RED COCKERELS.** Reasonable. Mrs. Charles Hill, Toronto, Kansas.

**SCORED S. C. DARE RED COCKERELS,** pullets. Guaranteed. Lela Osterfoss, Hedrick, Iowa.

**LARGE, BRILLIANT, DARK RED, ROSE** Comb cockerels. Sunnyside Farm, Havensville, Kan.

**THOROUGHbred R. C. R. I. RED COCK-** erels, 75 cts. and \$1.00. W. W. Edson, Walker, Mo.

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**LABETTE COUNTY—SOUTHEAST KANSAS** 120 a., 70 cult., 10 a. tame grass, bal. blue stem. Improved. 5 miles Parsons. I. M. Hinds, Owner, Mound Valley, Kan.

**3120 A. IDEAL RANCH**—Adjacent to Ness Co., Kan. In compact body; 90% tillable; 1,000 a. bottom alfalfa land; rich soil; 600 a. in cultivation. Two sets imp. Can lease \$30,000, terms. For particulars address C. F. Edwards, Ness City, Kansas.

**80 ACRES** smooth land, 3 miles town; 65 cultivation; 14 clover; 10 alfalfa; 2 walnut timber; 3 orchard; 8-r. house; cellar; barn; other buildings; Price \$50. Terms. 160 acres smooth land, 2 miles High School town; 12 clover; 15 blue grass; 35 wheat; good house; barn; corn-crib; 2 wells; Price \$9,000.00. \$3,000.00 down. 170 acres, 1 mile town; 140 cultivation; extra fine buildings; well-watered; Price \$70. Terms. 320 acres, 1 mile town; 140 cultivation; 70 meadow; 110 blue grass; 25 alfalfa; 20 clover; 9-r. house; basement; barn; large silo; other buildings. Price \$20,500.00. Terms. Write, Mansfield Land Company, Ottawa, Kansas.

**COFFEY COUNTY, EASTERN KANSAS.** Good alfalfa, corn, wheat and tame grass lands. List free. Lane & Kent, Burlington, Ks.

**153 ACRES, FINE IMPROVEMENTS.** 3 1/2 mi. Cherryvale; good black level land, large new house; good outbuildings. Free gas. \$10,000; half cash. Bowman Realty Co., Coffeyville, Kan.

**FOR SALE.** 160 acres of well improved land; 80 acres of growing wheat; 2 1/2 miles from Della, Kansas. \$75 acre, \$2500 cash, bal. 10 years at 6%. Possession at once. Write Louis J. Masopust, Ellsworth, Kansas.

**EASTERN KANSAS** 136 a. imp. lays well, \$40.00. 80 a. improved, lays well, \$35.00. Exchanges made. T. K. Brockett, Pleasanton, Kan.

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

**173-Acre Snap** Only 4 mi. Wichita; smooth black loam soil; good 9-room house, big barn, etc.; possession; \$5,000 cash, time on bal. R. M. Mills, Schweitzer Bldg., Wichita, Kan.

**ANDERSON CO. FARM** 160 a. fine land near Welda; well imp. Plenty of water, blue grass pasture; fine location. Price \$65 per a. Good terms. Might take small farm or sub. tract as part payment. Write for des. Iola Land Co., Iola, Kan.

**SMOOTH FARM FOR SALE** 160 acres smooth land near Colony, Anderson Co., Kansas, 80 acres hay, 80 under plow, good soil, small house and barn. Is offered at a snap, only \$5,000; no trade. Address J. F. Ressel, Owner, Colony, Kansas.

**Chase County Farm** 160 acres 3 miles from Saffordville and 12 miles from Emporia. 125 acres fine land under cultivation, balance meadow, pasture and some timber. 25 acres in alfalfa. 200 ton silo, 7 room house, stable, etc. Daily mail, telephone. \$11,000.00. Terms on half. No trade. J. E. Bocook & Son, Cottonwood Falls, Kan.

**EXCHANGES**, all kinds; free list. Foster Bros., Independence, Kan.

**WILL EXCHANGE** all my fine grain farms for clear income. Tate, Howard, Kansas.

**CHOICE** Nemaha Co. land. Catholic settlement. Sale or ex. J. B. Wood, Seneca, Kan.

**WRITE** for my large sale and exchange list. Jess Kinsner, Garden City, Kansas.

**LANDS** and mdse. sales or exchs. made quick. Co-Operative Realty Co., Humansville, Mo.

**A FINE** 500 acre ranch, 60 miles from Topeka, to trade for smaller place. Theo. Voeste, Olpe, Kan.

**FOR SALE OR TRADE**, telephone exchange. Owner will guarantee that it will pay \$300 a month over all expense. A. A. Murray, Westmoreland, Kan.

**FOR EXCHANGE:** 1st class 4 apartment modern flat located in Muskogee, Okla. Want good Kansas farm close to high school. For good exchs. and bargains see or write National Realty Exchange, 227 Court St., Muskogee, Okla.

**160 FINELY IMPROVED;** want Ray or Carrol Co., Mo., land, 160 or 200 a. R. M. McGinnis, Princeton, Kansas.

**CITY AND TOWN PROPERTY TAKEN** as part pay on GOOD FARMS. What have you? Address The Allen County Investment Co., Iola, Kan.

**FOR SALE OR TRADE**—80 acres, 2 miles from town in Arkansas River Valley. Pumping plant furnishes 2000 gallons per minute. 67 a. alfalfa, cut from 6 to 8 tons; good improvements. Family orchard. Box 295, Garden City, Kansas.

**TO TRADE FOR MERCHANDISE**—Two farms, 320 acres each, in good neighborhood, well located, both well improved, good quality land, one mile from church and school. Will trade clear or carry part on land. Address Chas. W. Ellsaesser, Liberal, Kansas.

## 80 ACRE FARM AT AUCTION

1/2 mi. of R. R.; good grade school, Methodist, Christian and Latterday Saints churches. On main road; lays well; no rocks; all tillable; watered by cistern, wells and pond. Owner is leaving state. Must sell on January 13th, 1915. Good improvements. This lays 1/2 mi. of Mapleton, Kansas. W. M. Stark, Owner, Mapleton, Kansas.

## Sedgwick County Farm Bargains

145 a. farm, good 7 room house, outbuildings, barn, 15 a. alfalfa, best of land, \$60 per a.; \$3,450 handles it.

160 a. farm, 9 room house, good barn, all good land, 30 a. alfalfa, 45 a. wheat goes. This snap, \$65 per acre.

320 a. wheat and alfalfa farm, fair improvements, level land, soil dark loam, only \$45 per a. 250 a. now in wheat.

These 3 farms are great bargains. H. E. Osburn, 227 E. Douglass, Wichita, Kan.

## TEXAS

### YOU CAN OWN A FARM

With the rent you pay. Best land in famous corn and hog belt of Texas. Sold on rental terms. Crops the year round. T. Kingston, Harlingen, Texas.

**OUR SYSTEM** of selling lands and lots has been tested for thirty-five years. \$100 invested will earn 190% profit, besides return the principal with 6% interest. Texas Mutual Development Corporation, 114 Security Building, Galveston, Texas.

### GRAIN FARM BARGAIN.

I am offering my grain farm of 1,020 acres in Cooke County, North Texas, for sale. 700 acres in cultivation, bal. in pasture and meadow. Two good sets of improvements. Inexhaustible water piped all over place. Natural gas for cooking and heating. Fine black land, abundant rain fall. Will sell 1/2 or all. \$70 per acre. J. L. Halbert, Owner, Corsicana, Tex.

## TEXAS RANCHES

Texas ranches in any size you want, in any part of the state, also colonization tracts. Years of experience in handling farm lands and ranches. Inspection reports made on Texas property. Have a few good tracts that owners will accept part in good trade. Greatest demand in the history for Texas ranches. In writing, state size of tract you want. J. Walter Day, Kansas City, Mo., 215 Finance Bldg. Home-Main 5108.

## NORTH DAKOTA

**BEST DEAL ON BEST SOIL** in rain belt. Wadsworth, Langdon, N. D.

## CALIFORNIA

### MAGNIFICENT TRACTS

in the heart of the Sacramento Valley on the famous Bidwell Ranch for sale on easy terms. Prunes, peaches and almonds, located within a mile of a city of 18,000 people. The finest soil in California, a rich garden loam, noted for its production of fine fruit. Write for descriptive literature. Bidwell Orchards, Inc., Chico, Calif.

# FOR SALE OR EXCHANGE

**TRY BIGHAM & OCHLTREE**, they sell and trade farms and property. 802 Corby-Forshee Bldg., St. Joe, Mo.

**IMPROVED** 1/2 sec. close to good town in W. Kansas; 190 a. level in cult.; fine soil and water; \$6400, loan \$1000; also deeded land and choice relinquishments at Rocky Ford, Colo. Want clear income, small farm or mdse. We are headquarters for high grade exchanges anywhere. Send full description first letter. Commission 2%. Christensen Realty Co., Hutchinson, Kan.

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

**LOOK HERE!** 2 imp. clear 160 a. farms; want hardware or furniture stock. W. C. Bryant, Elk City, Ks.

### List With Us

We have splendid farm and merchandise bargains everywhere. Hunter Bros., Independence, Kansas.

### For Sale and Exchange

Northwest Missouri, Iowa and Nebraska choice farms; the greatest grain belt in the United States. Get my bargains. M. E. Noble & Co., St. Joseph, Mo.

## For Exchange

For exchange for larger farm, 40 acres joining the city of Wichita. Clear, new, well located Wichita income property to exchange for land. H. C. Whalen, 413-14 Blitting Bldg., Wichita, Kansas.

### FOR SALE OR TRADE

\$2,500 stock of gen. mdse., consisting of groceries, dry goods, shoes, etc. Will exchange for a small farm, or anything worth the money. Will not consider property that is mortgaged for all it is worth, and want to deal direct with the owner. Located in northeast Kansas. Address Box 31, Netawaka, Kansas.

## MISSOURI

**WRITE** Bedell & Co., Springfield, Mo., for prices on grain, stock and dairy farms.

**STOP!** Listen! 120 acre impr. farm \$900. Other farms. McGrath, Mountain View, Mo.

**VERNON CO.** Write for list of farm and city prop. Exs. W. W. Armstrong, Nevada, Mo.

**CHOICE** Vernon Co. prairie farms. Easy terms. \$20-\$60 a. W. H. Hunt, Schell City, Mo.

**1120 A. VERNON CO.** Fine impr. 800 a. cult. Clear. Can borrow \$25,000. Price \$44,800. G. W. Depue, Centerville, Kansas.

### ATTENTION, FARMERS.

If you want a home in a mild, healthy climate with pure water and productive soil and where land can be bought at a reasonable price write Frank M. Hammel, Marshfield, Mo.

**THE** Modern Promised Land is Southeast Missouri. All alluvial soil, where wealth and health abound. Corn, wheat, clover, alfalfa, clover. Send for literature. C. F. Braton E. E. & I. Co., Sikeston, Mo.

**80 ACRE FARM**, partly gentle rolling, partly bottoms; no rocks, no gravel. 35 a. clear, rest timber. 2 room box house; rest of improvements not much. Would make by work and some money good home. 2 miles from Naylor, Mo. \$15 per acre, any terms accepted. F. Gram, Naylor, Mo.

**SOUTHEAST MISSOURI LANDS.** If you want to become independent buy land in Scott county, Missouri, in the rich drained lands that raise anything and raise it certain. All we ask is a chance to "SHOW YOU." Prices very reasonable. Write for literature. F. S. Blee, Oran, Mo.

**\$5 DOWN.** \$5 monthly, buys 40 acres grain, fruit, poultry land, near town, some good oak timber. Price only \$200.00. Perfect title. Box 425 G, Carthage, Mo.

**WRITE** for booklet and lists on Ozarks. We have best dairy, poultry, and fruit country there is in the U. S. Pure water, short feeding months, grow all kinds of grasses. Have State Fruit and Poultry farms and large creamery located here. J. A. Wheeler, Mountain Grove, Mo.

**Farmer's or Stockman's Opportunity.** 152 a. well improved farm, 2 mi. from Aurora. Also 320 acre ranch near Aurora. These two tracts could be handled together as a farm and stock ranch. Will sell separately or together. Easy terms. Write for description and prices. C. C. McCormick, Aurora, Mo.

**Missouri Corn and Alfalfa Farm** 400 acres 23 miles from Kansas City, macadam road, 3 miles from town on Santa Fe, 3 sets of buildings, write for detailed description. Price \$110 per acre. S. C. Diggle, Owner, Kansas City, Mo.

## ARKANSAS

**LITTLE RIVER** valley lands rich and cheap. On railroad. Robt. Sessions, Winthrop, Ark.

**WRITE** for land list and tell us just what you want to buy or trade. Horton & Company, Hope, Arkansas.

**IF INTERESTED** in N. E. ARKANSAS farm and timber lands, write for list. F. M. Messer, Walnut Ridge, Ark.

**FRUIT**, grain and stock farms, all sizes, in Benton Co., Ark. Banner county of state; low prices and easy terms. Gentry Realty Co., Gentry, Benton Co., Ark.

**345 A.** 75; 75 acres fenced and 30 in cultivation; two sets of improvements and located in the heart of stock raising district; price \$10 per a. Write for list of bargains. Arkansas Investment Co., Stuttgart, Ark.

**FOR SALE**—60 acres fine land, 40 in cultivation; house, barn, outbuildings, orchard, fine water; two miles from good town; 13 from Little Rock. \$1,500; also 640 rich land unimproved, \$7.00 per acre. F. J. Ray, Bankers Trust Co., Little Rock, Ark.

**ARKANSAS.** 1000 acres of first class farming land, well improved. Price \$30 per a. Write for particulars. Will take part trade. W. B. Lane, Hope, Ark.

## ARKANSAS STOCK FARM

400 a. 8 mi. Morrilton, on 2 public roads. Good neighborhood. 260 a. in cult. and pasture. 125 creek bottom and 135 good upland. Bal. timber. 3 sets imp. One 6-room frame house. Splendid stock farm. \$9000. Stephens, Cazort & Neal, Morrilton, Ark.

### FOR SALE

917 a. farm; best improved in Baxter Co. Barn 50x150, scales, extra good 9 room house, 300 acres in cultivation. All farming tools and threshing outfit. All for \$16,000. 160 acres 1/2 mi. to Haney, 60 a. in cultivation; good spring. Price \$1,600. 33 room hotel and furniture on a fine corner in Cotter. Will trade this for a farm in Kansas. Write for full description and price. A. T. Garth, Cotter, Ark.

## ARKANSAS

has another bumper crop. Our 48 inches of rainfall is a guaranty against crop failures. We have 16,000 acres of fine outcutter agricultural lands for sale. Your choice of a farm for \$15 per acre. Terms \$1.50 per acre cash, balance any time in 20 years, 6% interest. This land is selling fast. FRANK KENDALL LUMBER COMPANY, Pine Bluff, Arkansas.



## BUY AN OZARK STOCK FARM

Many Ozark farmers are making money raising hogs, cattle and chickens. The fine open winters make it unnecessary to provide expensive quarters and the stock can range nearly the entire year. There is little disease in the Ozark region. A few good brood sows, cows and hens will soon pay for an Ozark farm. Any of the following firms can sell you such a farm. Write them for literature.

320 ACRES, 1 1/4 miles Lebanon; well improved. Price \$55 per acre. No trades. Stillwell Land Co., Lebanon, Mo.

FRUIT and timber, clover and bluegrass land, \$10 to \$25. Write for lists. South Missouri Land Co., Mountain View, Mo.

WHITE RIVER CLUB sites on lake. Farms, ranches, city property; mineral, fruit, poultry land. White River Realty, Branson, Mo.

480 A. STOCK RANCH, Estancia Valley, N. M. Valley land, well imp., \$9,600. Near R. R. Want income. F. M. & C. G. Morgan, Springfield, Mo.

## FLORIDA

AGENTS WANTED in every town to sell Grapefruit, Orange and Trucking land in the famous Peace River Territory, DeSoto County, Florida. Write for information. Peace River Groves Company, Fifth Floor State Bank Bldg., Omaha, Neb.

## Own a Fruit and Truck Farm

We will sell you 10, 20 or 40 acre tract in our Peace River District, DeSoto County, Florida, with very small down payment and balance in monthly installments. Price \$22 to \$65 per acre. Our lands lie amongst improved groves producing \$300 to \$500 per acre each year. Excursions every first and third Tuesday. For particulars address PEACE RIVER GROVES COMPANY, Fifth Floor State Bank Bldg., Omaha, Neb.

## Why not go to Balm Florida?

And get the greatest enjoyment in farm life. Delightful climate year round. Continuous growing season. Three crops on same land each year. Bountiful yields. Markets near, and good prices. High level, rich loam soil. Healthful. No swamps or malaria. A settled locality, with near neighbors, schools and churches. On main Auto highway. Two miles from substantial town on main line R. R. Daily mails, telephones and all conveniences. No pioneering. Native grass and forage crops with abundant water for cattle and hogs. No expensive winter shelter. Ideal section for stock, poultry and general farming. The best soil in the South for potatoes, maturing at the season of highest prices. Strawberries very successful. Fruits of all kinds for home needs. And think of it; ten acres of such land for the price of one in the North can be bought on long time and easy payments. Ask for further information. Address E. A. Hebbard, 1802 E. 53rd St., Chicago, Ill.

## Land Seekers Excursion

every first and 3rd Tuesday in each month to DeSoto County, Florida. Go with us and see this wonderful country and the great opportunities it offers the man of moderate means to get a home and independence. Write for our literature; it gives facts showing the advantage our lands offer the stockman, dairyman, farmer, winter gardener, fruit grower and poultryman. We do not ask you to buy this land without seeing. 103 improved farms throughout the tract proving conclusively what it will do.

## NEW HOME REALTY CO.

1807 Commerce Bldg., Kansas City, Mo.

## MINNESOTA

SETTLERS WANTED for clover lands in central Minnesota. Corn successfully raised. Write Asher Murray, Wadena, Minn.

CORN AND CLOVER FARMS near Twin City markets. No drouth. Ask for descriptions. \$25 to \$75 per acre. Carter Land Co., Near Union Depot, St. Paul, Minn.

RICH FARM LANDS in Minnesota Red river valley, where corn, alfalfa, potatoes, and clover flourish. Ideal stock country. Rain-fall 28 inches. Crop failures unknown. Prices very low. Write N. S. Davies, Sec'y Minnesota Red River Valley Development Ass'n, Crookston, Minn.

Upper Wisconsin Best dairy and general crop state in the Union; settlers wanted; lands for sale at low prices on easy terms; ask for booklet on Wisconsin Central land grant; state acres wanted. If interested in fruit lands, ask for booklet on apple orchards in Wisconsin. Address, Land Department, Soo Line Railway, Minneapolis, Minnesota.

## FINANCING THE FARM PURCHASER

The new conditions existing have influenced us to plan a new diversion in the process of selling farm lands. Better in a thousand ways for the renter who wishes to acquire a home of his own, than it was for his forefathers when they took up homesteads under the old pioneer conditions.

We offer eighty or one hundred sixty acre farm plot in Minnesota or North Dakota, in a well settled, prosperous community on our "Half Earnings" plan. A sensible and practical way of enabling the renter to buy a home without specific obligations as he has deferred payments. Under this plan he has everything to win and practically nothing to lose. At present we are offering only a few choice farm plots.

Full particulars will be furnished upon request. Great Northern Land & Stock Co., 310 Commerce Bldg., St. Paul, Minn.

IF YOU WANT farms or stock ranches in the Ozarks of Missouri, write A. J. Johnston, McHate, Nat'l Bank Bldg., Springfield, Mo.

83 A. close town; spring, house, barn; 20 a. cult. \$650. Other bargains. McQuary, Seligman, Mo.

THE OZARK MOUNTAIN REGION is a most delightful place in which to live, having splendid climate and abounding in living springs of pure water. It has hill, prairie and valley land, a variety to suit every body. Wonderful prospects for increase in values. Write for free booklet. Wm. F. Nicholson, Immigration Agent, Kansas City Southern Railway, Kansas City, Mo.

## OKLAHOMA.

FOR LISTS and prices N. E. Okla. farms, write Elliott & Mabrey, Fairland, Okla.

SPECIAL Oklahoma bargain list free. Some trades. Write Harvey Cox, Hooker, Okla.

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

F. M. TARTON & CO., will mail you list of farms in northeast Oklahoma. Write them. Vinita, Oklahoma.

120 A. BOTTOM and second bottom, 1 1/4 mi. R. R. town, this county. 60 a. cult.; all tillable. Corn made 40 bu. per a. this year. \$15.00 per a. Southern Realty Co., McAlester, Oklahoma.

AT \$4,000 LESS than actual cost you can buy a fine home of 21 acres adjoining an oil and gas town. 10 room modern house; large barn with 5 box stalls; granary, hog house and other outbuildings. For further information address C. P. Dewey, Newkirk, Ok.

## OKLAHOMA LAND FOR SALE

Good land in Northeastern Oklahoma, which was part of the old Indian Territory, price from \$20 to \$35 per acre. Write for price list and literature. Agents wanted. W. C. Wood, Nowata, Okla.

## COLORADO

FOR BEST 320 acre three year Homesteads, see or write Warren Musgrove & Co., Lamar, Colo.

CHOICE farmland, Elbert County, near Limon, 88. Direct from owner. MUST SELL. T. H. Hagen, Board of Trade, Duluth, Minn.

FOUND—Homestead near Ft. Morgan. 320 acres rich farm land, not sand. Price \$200, filing fees and all. J. A. Tracy, Ft. Morgan, Colo.

## NEBRASKA

WE GUARANTEE you bargains in stock farms and ranches. Write Willis Caldwell, Broken Bow, Nebraska, The Bargain Man.

## MISSISSIPPI

Holiday Bargain in Pecan Land Gulf Coast of Mississippi.

Good pecan land is selling at from \$30 to \$40 per acre in this section where many Northern people are growing pecans, oranges, figs, fruits and vegetables of all kinds. I have 120 acres as fine land as can be found that is offered at \$10 per acre cash; 1/4 mile to railway station; adjoining canning factory; and within 30 miles of the gulf. This place is a snap. Earl A. Kiefer, Room 22, Orpheum Bldg., Topeka, Kan. Phone 1490.

## LOUISIANA

## Corn Farm Bargain

I am offering a special bargain on small cash payment, an improved farm of 300 acres; 250 acres is in cultivation, balance in nicely shaded pasture, watered with spring streams. Fair improvements; rich soil that will grow good corn, oats and hay. The price is \$25 per acre; \$5 per acre cash and long time at 6% on balance. Fine place for stock and general farming. Good climate, land high and dry, lays flat to gently rolling. This farm is not in Kansas but we can show as good corn as the average in Kansas. It is 110 miles from New Orleans on the high side of the Mississippi. The land is worth more than the price quoted but price is made to move it quickly. It will cost about \$50 to see the land and I do not expect you to buy until you see it. There it is cooler in summer and much warmer in winter than here and your family can have all the advantages they have here. No pioneering in Louisiana. Just good farming is what is needed. 6654 new families moved into Louisiana last year. The above farm is only one of several I can offer. Farms run from 120 acres up to 1250. This one is a bargain and will make you money from the start. If this appeals to you, act quick! I have other places but this is the best I can offer. Earl A. Kiefer, Room 22, Orpheum Building, Topeka, Kan. Phone 1490.

## WISCONSIN

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.

WONDERFUL BARGAIN for QUICK DEAL! Level black loam farm, 290 acres. 1/4 mile railroad town. Elegant large up-to-date buildings, all farm machinery and 100 tons of hay. Only \$85 per acre on easy terms. Harry D. Baker, President, Polk County Bank, St. Croix Falls, Wis.

## Cattle 40 to 85 Cents Higher

Hogs Marketed in 1914 Are 1 3/4 Million Less Than in 1913

BY C. W. METSKER

LIGHT receipts accomplished wonders in rejuvenating the cattle market last week. The improvement was more pronounced because of the demoralization in the preceding week. The decrease in receipts was 65 per cent compared with the preceding week and 15 per cent compared with a year ago. The regain in prices was 40 to 85 cents. No extremely high priced cattle were offered. The ability of the market to rally under moderate receipts helps make the outlook cheerful for feeders.

## The Year 1914.

The year just closing is one of the most peculiar in the history of the livestock markets. All conditions, side issues and adversities laid aside the one fact prominent in the general trend of events is that livestock is on a better footing and on the basis of surer production. Unless such was the case the business of livestock production could not have passed through such a year without being completely disorganized. Short feed from the drouth of 1913 was a legacy for the opening of the year. Good grass had scarcely come before water scarcity was again giving trouble. This was followed by a war in Europe, and then by the scourge of the foot and mouth disease. Cattle have weathered financial depression and feed scarcity. When they had a surplus they sold the poorer quality and reserved the best, thus greatly adding to the better average quality of reserves.

## Shortage in Livestock.

Livestock receipts in 1914 were smaller than in 1913. A decrease showed at all the markets, and the decrease at the five western markets in meat animals was more than 3 1/4 million head. The decrease in cattle was 3/4 million, hogs 1 1/4 millions and sheep nearly 900,000. The return of stock and feeding cattle to the country was 20 per cent less than last year and sheep 30 per cent less. The general tendency west of the Mississippi river has been to recoup its losses owing to heavy selling in 1913 under drouth pressure, but the section east of the Mississippi river is under selling pressure owing to the fear of the foot and mouth disease.

## The High Spots in Cattle.

After opening the year with prime cattle selling at \$9 to \$9.40, the market moved within a narrow range up to July. Then a material upturn occurred in prime beefs and by October the best offerings were selling at \$10.50 to \$11.25. Another high point was scored the first week in December when Christmas beefs in Chicago sold at \$11 to \$13 and the top price at river markets reached \$11.35. These last named prices are high records for the open market but the record was made with cattle that had been fed for show purposes. Primeness was at a premium most of the year, owing to the scarcity and high price of feed it takes to make finished beefs.

## Nearly Lost \$7 Mark.

Chicago was barely able to keep above the 7-cent mark for the best hogs, last week, and the plain kinds sold below even money. Most of the hogs in the West sold at \$7 to \$7.25. Receipts were fairly large. They will be moderate until after the first week in January and then heavy runs are expected.

## Hogs at \$7 to \$9 in 1914.

The hog market in the year just ending was a \$7 to \$9 affair. The extreme top in Chicago was \$9.75 and in Kansas City \$9.50. The market opened the year at \$8. It broke about a month later, and reached the high point of the year in September. Since then prices have receded with irregular fluctuations and in the last month showed the lowest average of the year.

## Strength in Sheep.

Sheep prices closed last week headed towards the 9-cent mark. January is expected to develop that position. In the past two weeks supplies have been drawn from stalk fields and meadows, and in a short time full fed grades will move. Receipts of sheep at western markets, in the first seven months of 1914, were in excess of the same period in 1913. The lead disappeared in the last five months, and total receipts for the 12 months were 900,000 short of 1913. An acute shortage is expected to show in fed lambs in April. A new November record was made in lamb prices, but in other months values ruled comparatively low.

## The Movement in Livestock.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago:

	Cattle	Hogs	Sheep
Kansas City	15,525	33,400	16,125
Chicago	21,400	194,000	70,000
Omaha	7,700	37,800	18,500
St. Louis	10,300	34,500	1,500
St. Joseph	3,400	35,500	2,800
Total	58,325	335,200	104,475

## NEW MEXICO

IRRIGATED FARMS and ranches for sale or trade. Most healthful and mild climate. Plenty of pure water. "No trouble to answer questions." Braley & Ball, Portales, New Mexico.

Preceding week 180,400 484,750 198,550  
Year ago 71,100 215,900 130,000  
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	1,798,678	2,108,321	309,643	209,643
Calves	128,999	186,989	57,990	57,990
Hogs	2,224,329	2,526,111	301,782	301,782
Sheep	1,979,867	2,057,395	78,528	78,528
H. & M.	84,957	80,441	4,516	4,516
Cars	106,510	125,400	18,890	18,890

## Higher Grain Prices.

Cash prices for wheat, rye and barley reached the highest point of the season, with export demand continuing urgent. Wheat sold mostly at \$1.18 to \$1.20 and to all appearances it is headed towards the \$1.25 mark. Corn and oats also were higher.

## Kansas City Hay Quotations.

Prairie, choice	\$12.50@13.00
Prairie, No. 1	10.50@12.00
Prairie, No. 2	7.00@10.00
Prairie, No. 3	4.50@6.50
Timothy, choice	15.50@17.50
Timothy, No. 1	15.50@16.00
Timothy, No. 2	13.00@15.00
Timothy, No. 3	9.50@12.50
Clover mixed, choice	15.00@15.50
Clover mixed, No. 1	14.00@14.50
Clover mixed, No. 2	12.00@13.00
Clover, choice	14.00@14.50
Clover, No. 1	13.00@13.50
Alfalfa, choice	15.00@15.50
Alfalfa, No. 1	13.00@14.50
Standard	11.50@12.50
Alfalfa, No. 2	10.00@11.00
Alfalfa, No. 3	8.00@9.50
Straw	4.50@5.00

## Feed and Seed Quotations.

Bran, \$1 a cwt.; shorts, \$1.20@1.30; chop, \$1.20; rye, \$1.05 a bu.; kafir, \$1.18@1.19. Seed—Timothy, \$4@4.50 a cwt.; alfalfa, \$10@12.50; clover, \$14@15; flaxseed, \$1.37@1.40; cane seed, 80¢@95¢; millet, \$1.60@1.75.

## Butter, Eggs and Poultry.

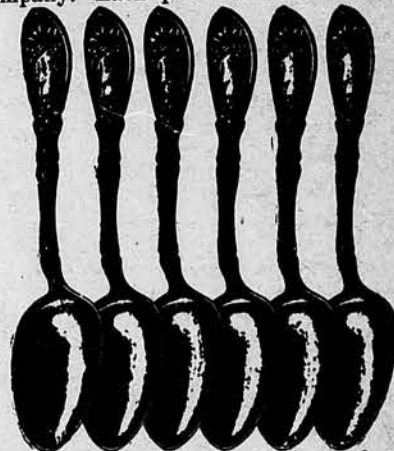
Kansas City, Dec. 28.—Quotations on change were as follows: Eggs—Extras, new white wood cases included, 34c a dozen; firsts, 32c; seconds, 22c.

Butter—Creamery, extra, 33c a pound; firsts, 31c; seconds, 28c; packing stock, 20¢.

Live Poultry—Broilers, under 2 pounds, 12c a pound; springs, 2 to 3 pounds, 12c; hens, No. 1, 9¢; No. 2, 8¢; young roosters, 9¢; old, 8¢; turkeys, hens, 16c; young toms, 15c; old toms, 14c; ducks, 12c; geese, 11c.

## SIX SILVER NARCISSUS TEASPOONS FREE.

I have just consummated a most remarkable purchase whereby I secured at a ridiculously low figure 5,000 sets of beautiful Silver Plated Narcissus Spoons made by the famous Oxford Silver Plate Company. Each spoon is extra heavy, full



standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.

Some folks get religion as they do the measles—all over, and then it's all over.

Some men are the exact opposite of tickets—no good unless you punch 'em.

A bad egg seldom grows good as he grows old.

Friendship is too big and fine and sacred a thing to be wasted in talking, gossip, and slander.



**LUMBER MILL WORK & SUPPLIES WHOLESALE PRICES**  
DIRECT IN CAR LOTS AT

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**FREE BOOK AND PRICES**

**SAVE 20% TO 40% NET** Build now. Lumber prices are down. Labor is cheap. We sell you lumber, shingles, doors, windows, columns, mouldings—everything in building material at wholesale prices. Buy direct from the big producers located in the heart of the finest lumber region of Louisiana.

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Material for almost any house or barn will make a car. Club with your neighbor if necessary. The book makes everything simple and plain. Satisfaction guaranteed. It costs nothing to investigate. Write today—get the book.

ALLEN MFG. CO., Ltd. Dept. M  
SHREVEPORT, LA. SHREVEPORT

**LUMBER & BUILDING MATERIAL DIRECT FROM THE LUMBER REGION**

**15 SHOTS QUICK!**

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**VISIBLE LOADING REPEATING RIFLE**

This No. 70 is both quick and safe. And when we say safe we mean very safe. Every cartridge is visible as it moves from the magazine into the chamber—you know if your rifle is loaded. The Stevens Visible Repeater takes fifteen 22 short cartridges, thirteen 22 long cartridges or eleven 22 long rifle cartridges—all rim-fire. Head front and elevating rear sights. 20 inch round barrel, blued frame, rubber butt plate. Length over all 35 ins. Weight 41-2 lbs. A beauty! List price only \$8.00 but dealers sell it at \$7.00, except west of the Mississippi River and in Canada. With this accurate rifle you don't guess; you know that drawing a bead gets the game.

Write us today for the "STEVENS RIFLE BOOK." It is FREE and tells everything you want to know about Rifles, Pistols and Rifle Telescopes. Latest expert information, with pictures and descriptions of all the wonderful line of STEVENS Rifles.

**J. STEVENS ARMS & TOOL COMPANY**  
14 BROADWAY, CHICOPPEE FALLS, MASS.

## An Opportunity

No field of endeavor today offers so much to ambitious, successful men as salesmanship. The live wires in every line of business are the men who sell things.

The sales department of Farmers Mail and Breeze offers an exceptional proposition on a salary and commission basis to men in Kansas who are anxious to increase their earning capacity. Previous selling experience is not essential. With our offer an income is assured for anyone, size of the income commensurate with the effort expended. We are anxious to explain our proposition to responsible men.

Agency Division

**Farmers Mail and Breeze**

800 Jackson Street

Topeka, Kansas

## Notice to Subscribers!

**Keep THE FARMERS MAIL AND BREEZE on File for Future Reference in This Permanent Binder!**

Thousands of our subscribers keep complete files of the Farmers Mail and Breeze. They have found it impossible to absorb all the good things in any one issue at one reading, and they also find valuable ideas and suggestions in every issue which they desire to preserve for future use. We have had requests from so many of our subscribers for suggestions on how to bind the Farmers Mail and Breeze in book form in some inexpensive and yet substantial way that we have had manufactured on our special order a Mail and Breeze Binder which we feel sure will meet every need.

The illustration herewith will give you a pretty fair idea of this new Binder. It carries the name of the paper printed in large letters on the outside front cover. It has a stout cloth back and heavy tag board sides. It will hold 25 issues of the Mail and Breeze. The papers can be put into the binder from week to week as they are received, and thus kept clean and in perfect condition. By using this binder your papers will never be mislaid and you can always find any issue the moment it is wanted. When the 25 issues have been placed in one of these binders you will have a neat and substantially bound book which we believe you will consider worth a great many dollars.

### OUR FREE OFFER

We purchased a large quantity of these binders in order to get the cost down to where we could afford to give these binders as free gifts to our subscribers. We will send one Mail and Breeze Binder, with full instructions for binding the papers, free and postpaid to all who send \$1.00 to pay for a new, renewal or extension subscription to the Farmers Mail and Breeze—or three binders for a three-year subscription at \$2.00. Use the coupon below or copy the order on letter paper if you do not want to cut out the coupon. Address

**FARMERS MAIL AND BREEZE**  
Dept. B-100, Topeka, Kansas

### Free Binder Coupon

FARMERS MAIL AND BREEZE, Dept. B-100, Topeka, Kansas.

I enclose \$..... to pay for ..... year subscription to Farmers Mail and Breeze. You are to send me as a premium free and postpaid ..... binders as per your offer. This is a new, renewal, extension subscription. (Draw a circle around the proper word to indicate the nature of your subscription.)

My Name .....

Address .....

## Now For the Ice Harvest

**Little Wheat Is Being Sold, Even At \$1.10 a Bushel**

BY OUR COUNTY CORRESPONDENTS

IT IS not every year that Kansas produces as big an ice crop as the one that is ready to be harvested now. Many farmers are storing up a lot of comfort for themselves for next summer, in the shape of big cakes of ice. It is not too late to make an ice house and fill it. It may not be wise to waste much time, though, because there may not be another ice crop this year so good as the one on the ponds and streams at present.

Almost all the reporters have something nice to say about the snow. It fell so evenly, and furnished such needed protection and moisture for the wheat that all of us were glad to see it.

### KANSAS.

**Jackson County**—Ground covered with 6 to 8 inches of snow which is of great benefit to the wheat. Not much frost in the ground when the snow came. Weather very cold for this time of the year. Plenty of feed for stock.—F. O. Grubbs, Dec. 26.

**Osborne County**—Real winter weather the last two weeks. Ground covered with 3 inches of snow which is a great help to the wheat. Much ice being put up. Livestock of all kinds doing well. Plenty of roughness. Wheat \$1.08; corn 68c.—W. F. Arnold, Dec. 26.

**Ford County**—About 4 inches of snow on the ground which gives some protection to the wheat, some of which is not up yet. Outlook for the 1915 crop is rather poor. Some wheat going to market at \$1.08; corn 75c; apples 85c to \$1.50.—John Zurbuchen, Dec. 26.

**Shawnee County**—Fine winter weather with 10 inches of snow will put the wheat

ing water. No rain for seven weeks. All farm work stopped. Stock in good condition. Corn 60c; wheat \$1.05; kafir 50c; eggs 30c.—Mrs. A. H. Stewart, Dec. 26.

**Lyon County**—Zero weather for two weeks has been hard on stock that is not well housed. Four to six inches of snow on the ground which is very good for the wheat and alfalfa. Most of the stock looks well. Plenty of light hogs. Few sales and stock sells at fair prices. Eggs 28c; kafir 55c; feterita 55c.—E. R. Griffith, Dec. 26.

**Scott County**—Fine winter weather. Snow is covering the wheat. Feed plentiful. Stock doing well. Some fat hogs to market. Threshing not all finished. Some corn to shuck yet.—J. M. Heffrick, Dec. 26.

**Morton County**—Three inches of snow December 19 which is still on the ground. Ten below zero on December 21. Threshing and feed stacking not done. Maise 94c; wheat 97c.—E. E. Newlin, Dec. 26.

**Cloud County**—From 4 to 6 inches of snow fell from the 18th to the 20th which did not drift and will be of much help to the growing wheat. Livestock doing fairly well except for a few cases of cholera among the hogs in the northern part of the county. Considerable land changing hands and a good many public sales of personal property and most of the stuff brings good prices, especially cattle. Hogs rather scarce but there is a prospect for a good crop of pigs in the spring. A large acreage of wheat put out. Butter and eggs scarce and high. Wheat \$1.03.—W. H. Plumly, Dec. 24.

### OKLAHOMA.

**Garfield County**—Very cold the last 10 days with some moisture. Roads in bad condition. Stock doing fairly well in spite of cold weather. Very little wheat moving at \$1.10 a bushel.—Jac. A. Voth, Dec. 26.

**Blaine County**—Some light rains and ice this week. Wheat needs moisture. Not much pasturing on wheat now. Fall plowing delayed because ground is too dry.

## Prizes For Poultry Letters

WE HAVE a copy of Robert Joos's new book, "Success With Hens," that we will give to the person who writes us the best letter on some timely poultry subject. The second prize is "Practical Poultry Keeping" by R. B. Sando. A book by Arthur A. Brigham, "Progressive Poultry Culture," will be given for the letter winning third place. These letters are to be printed in the big poultry special of the Farmers Mail and Breeze, February 6. Your letter should be in Topeka not later than January 27. Write about any poultry subject you wish. Here are a few subjects that we offer as suggestions:

Tell about some handy device that you find a help in caring for your flock.

How do you supply your hens with green food during the winter months?

What can you tell us about turkey growing in Kansas?

If you are one of the persons who think ducks are more profitable than hens, tell us why.

What secrets have you been able to learn about winter egg production?

What do you think are the most important rules to observe in running an incubator?

What method have you found most satisfactory in rearing chicks?

in fine condition. Hog cholera has broken out again. All other stock doing well. Many farmers are butchering now. Wheat and corn nearly all sold. Eggs 25c.—J. P. Ross, Dec. 26.

**Ellsworth County**—About 4 inches of snow on December 18 which is good for the wheat. Late sown wheat looks good. Some early sown wheat fields are turning yellow. Stock in fair condition. Weather cold. Corn 75c; wheat \$1.11.—C. R. Blaylock, Dec. 22.

**Cheyenne County**—Most of the corn is husked and some shellers have started. Not much corn going to market. Hogs scarce but healthy. Stock doing fine. Wheat \$1 to \$1.04; corn 54c to 56c; barley 48c to 50c; hogs \$6.25 to \$6.50.—F. G. Casford, Dec. 24.

**Johnson County**—Snowy wintry weather for two weeks and there is several inches of snow. Stock standing the cold and snow

Some cattle dying on stalk fields. Hogs doing well and few are being butchered. No cholera. Some sales every week and bidding is rather dull except on good cows. Wheat \$1.05; corn 60c; kafir and maise 50c.—Henry Willert, Dec. 23.

**Pawnee County**—Some hog cholera. The ground will be moist enough to plow when it thaws out as we have had a few showers and snows lately. Cattle selling good. Hogs \$6.50; corn 55c; eggs 27c.—V. Funkhouser, Dec. 26.

**Pottawatomie County**—Cold weather the last 10 days. Fall sowing of alfalfa is no good. Wheat looks bad, also. Stock in good condition. Feed plentiful. Cattle high but horses and mules cheap. Hogs scarce. Some plowing being done for oats, and a large crop will be sown in the spring. Corn 50c to 60c; alfalfa hay \$6 to \$8 ton; eggs 30c; potatoes 75c; sweet potatoes 60c.—L. J. Devore, Dec. 20.

### Mare Has Parasites

I have a mare which had colic about a year ago. She has been troubled with scours since. I have tried several remedies but they have had no effect. Can you tell me the cause of the trouble and suggest a cure?  
A. S.

Greenwood County, Kansas.

I believe the scours is due to internal parasites. As the mare has been in this condition for more than a year it is possible the intestines are so changed or chronically inflamed that the chance of producing a cure is not very good. I suggest that you give the animal a tablespoonful of a mixture composed of 2 ounces of bismuth subnitrate, 4 ounces of powdered kino, and enough flaxseed to make 1 pound, in the feed every morning and evening.  
R. R. Dykstra.  
Kansas State Agricultural College.

An alert public opinion is the only real safeguard against political rule for private ends.

Only one modern sawmill is operated in the territory of Hawaii.

Regularity in feeding pays.

very well. Numerous sales continue with good prices. A little corn in some fields yet. Corn 59c; good cows about \$100.—L. Douglas, Dec. 24.

**Ness County**—Steady cold and cloudy weather for three weeks. About 3 inches of snow which is needed badly for the wheat. Plenty of feed and stock doing well. Prospects for wheat crop next year are not promising. Wheat \$1.10.—C. D. Foster, Dec. 26.

**Coffey County**—The coldest December weather in years, 4 degrees below zero. A heavy snow with ice on top. Farmers haul-



## WHAT BREEDERS ARE DOING

**FRANK HOWARD,**  
Manager Livestock Department.  
**FIELDMEN.**

A. B. Hunter, S. W. Kansas and West Okla., 614 So. Water St., Wichita, Kan.  
John W. Johnson, N. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan.  
Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo.  
Jesse E. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb.  
C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 4204 Windsor Ave., Kansas City, Mo.

### 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.

Jan. 26—Ira Dodson & Son, Aledo, Ill.  
Feb. 1—Beall & Jackson, Roca, Neb.  
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.  
Feb. 4—Albert Smith & Sons, Superior, Neb.  
Feb. 5—G. A. Wiebe, Beatrice, Neb.  
Feb. 9—Jas. W. Anderson, Leonardville, Kan.  
Feb. 9—Phil Dawson, at St. Joe, Mo.  
Feb. 10—Ira C. Kyle & Son, Mankato, Kan.  
Feb. 10—Agricultural College, Manhattan, Kan.  
Feb. 10—Ira C. Kyle & Son, Mankato, Kan.  
Feb. 11—John Kimmerer, Mankato, Kan.  
Feb. 12—W. E. Willey, Steele City, Neb.  
Feb. 12—John Belcher, Raymore, Mo.  
Feb. 13—J. F. Foley, Oronoque, Kan.  
Feb. 13—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb.  
Feb. 15—Joshua Morgan, Hardy, Neb.  
Feb. 17—J. H. Harter, Westmoreland, Man.  
Feb. 18—J. L. Griffiths, Leonardville, Kan.  
Feb. 19—A. J. Swingle, Junction City, Kan.  
Feb. 20—Jas. Arkell, Whiting, Kan.  
Feb. 23—J. D. Mahan, Lebanon, Kan.  
Feb. 25—Lambert Bros., Smith Center, Man.  
Feb. 26—E. Epley, Diller, Neb.  
Mar. 1—Groninger & Sons, Bendena, Kan.  
Mar. 2—H. B. Walter, Effingham, Kan.  
Mar. 3—H. C. Graner, Lancaster, Kan.  
March 3—Gilbert Johnson, Osceola, Neb.

### Spotted Poland Chinas.

Feb. 24—Alfred Carlson, Cleburne, Kan.  
**Duroc-Jersey Hogs.**  
Jan. 25—Geo. Briggs & Son, Clay Center, Neb.  
Jan. 26—Ira Dodson & Son, Aledo, Ill.  
Jan. 26—Geo. W. Schwab, Clay Center, Neb.  
Jan. 28—Dana D. Shuck, Burr Oak, Kan.  
Feb. 5—Dr. C. E. Still, Kirksville, Mo.  
Feb. 6—Philip Albrecht & Sons, Smith Center, Kan.  
Feb. 8—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.  
Feb. 9—Agricultural Col., Manhattan, Kan.  
Feb. 10—J. B. Swank & Sons, Blue Rapids, Kan.  
Feb. 11—Samuelson Bros., Cleburne, Man.  
Feb. 12—Howell Bros., Herkimer, Kan.  
Feb. 16—J. M. Layton, Irving, Kan.  
Feb. 17—E. A. Horton, St. Joe, Mo.  
Feb. 18—Buskirk & Newton, Newton, Kan.  
Feb. 18—J. R. Jackson, Kanopolis, Kan.  
Feb. 25—Martin Kelly, Verdon, Neb.  
Feb. 27—E. N. Farnham, Hope, Kan.  
March 5—Samuelson Bros., Blaine, Man.  
March 11—W. W. Otey & Sons, Winfield, Kan.  
Mar. 12—G. C. Norman, Winfield, Kan.  
March 17—Mott & Seaborn, Herington, Kan.

### O. I. C. Hogs.

Feb. 3—Chas. H. Murry, Friend, Neb.  
**Shorthorn Cattle.**

Jan. 6—Edgar Shoebottom, Fairbury, Neb.; sale at South Omaha.  
Feb. 3—A. B. Garrison, Summerfield, Kan.  
Mar. 16—J. R. Whistler, Watonga, Okla.  
March 11-12—Nebraska Shorthorn breeders' sale, Grand Island, Neb. J. C. Price, Lincoln, Neb., Mgr.

### Angus Cattle.

Feb. 16—F. W. Schaefer, Yates Center, Kan.  
**Hereford Cattle.**

Jan. 23—Carl Miller, Belvue, Man., at Wamego, Kan.  
Jan. 26—Mousel Bros., Cambridge, Neb.  
Feb. 18-19—Nebraska Hereford Breeders' sale, Grand Island; Robt. Mousel, Cambridge, Neb., Mgr.

### Percherons.

Jan. 13—H. W. McAfee, Mgr., Topeka, Kan.  
Jan. 16—D. A. Fawcett, McCune, Kan.  
Jan. 20—C. W. Lamer, Salina, Kan.  
Jan. 28—Spohr & Spohr, Latham, Kan.  
Sale at Wichita, Kan.  
Feb. 18—W. S. Boles & Sons, Enid, Okla.  
Feb. 22—F. A. Cole, Barnard, Kan.; sale at fair grounds, Beloit, Kan.

### Percherons and Other Draft Horses.

Jan. 26, 27, 28, 29, 1915—Bloomington, Ill.  
C. W. Hurt, Mgr., Arrowsmith, Ill.

### Jacks and Jennets.

Jan. 16—D. A. Fawcett, McCune, Kan.  
Mar. 6—G. C. Roan, LaPlata, Mo.

### Combination Livestock Sales.

Feb. 8 to 13—T. S. Kirk, Mgr., Enid, Okla.  
Feb. 25—Miami Co., Breeders. Draft horses, beef cattle and hogs. O. C. Hagans, Mgr., Paola, Kan.

## S. W. Kansas and Oklahoma

BY A. B. HUNTER.

G. M. Shepherd, Lyons, Kan., is making special prices on 30 fine sows and gilts. If you want something good right here it is. They are all immune and bred to his good herd boars. They carry the blood of Good Enuff, Colonel, Crimson Wonder and Ohio Chief and the buyer will surely be pleased. He also has several splendid young boars that should be in good herds. They are long, broad and deep with good bone and

are sure to make great boars. The gilts are by Good Enuff's Chief Colonel and bred to G. M.'s Crimson Wonder, by Crimson Wonder, first prize senior boar Nebraska State Fair and has in direct line four grand champion sires. Write Mr. Shepherd today, mentioning Farmers Mail and Breeze.

### Biggest Poland Chinas.

A. J. Erhart & Sons, Ness City, Kan., whose Poland Chinas attracted so much notice during the fairs on account of their great size with quality, have recently got out a private sale list of their sows, gilts, etc., that will be of interest to any breeder or farmer who is thinking of buying sows or things in the big type line. They expected to hold a bred sow sale this winter but owing to the strong demand for sows and gilts from their herd have decided to mark down prices and dispose of them at private sale. Their herd sows are wonderful in scale and their herd boars are equally as wonderful. Major B. Hadley was grand champion at the Royal, weighing 1,025 as a 2-year-old. Robidoux, by Expansion and out of a Colossus dam, weighs 1,200, Jumbo Hadley weighs 1,100, and they are also using Big Hadley Jr., a line bred Hadley boar and Orphan Big Gun, a 700 pound yearling. Write today for private sale list, mentioning the Mail and Breeze.

## N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

Any of our readers interested in O. I. C. swine should write Andrew Kosar of Delphos, Man. Mr. Kosar is a regular advertiser in Farmers Mail and Breeze and has enjoyed a splendid trade this season. He has a few good boars to sell at very reasonable prices. He also has 10 gilts which he will sell bred or open. Write him for prices.

J. H. Harter, Westmoreland, Man., is offering a few very choice Poland China spring boars for sale at attractive prices. Look up his advertisement in the Poland China section of the Farmers Mail and Breeze. His big annual bred sow sale will be held in the judging pavilion at the Agricultural college February 17. He sells in the big Riley county circuit and starts the ball rolling with 50 sows and gilts.

Jas. W. Anderson, Leonardville, Kan., sells a draft of Poland China bred sows and gilts from his well known herd at Leonardville, Kan., Tuesday, January 9. Mr. Anderson went out and bought the best and has kept abreast of the times in up to date and fashionable breeding. He owns his own farm near Leonardville and will sell in Leonardville to better accommodate his customers. Keep this sale in mind.

Carl Miller, Belvue, Kan., will sell a draft of 70 Herefords from his big herd of 500 head which is maintained on his big ranch near Belvue. The sale will be held at the sale pavilion, Wamego, Kan., Saturday, January 24. The offering will consist largely of choice breeding females. Selected as it is from this big herd it is sure to be one of the most attractive offerings of the season. There will be a fine lot of selected 2-year-old heifers in the sale that have been well grown and they are well bred and individually are good. They are safe in calf to the champion Simpson, one of the

### HAMPSHIRE.

Registered Hampshires Choice boars and gilts, well marked. L. Swanson, Windsor, Kan.

REGISTERED HAMPSHIRE 150 gilts and 4 boars, all ages. Cholera immuned. Description guaranteed. C. E. LOWRY, Oxford, Kan.

Reg. Hampshire Gilts Bred or Open Also full pigs and pigs. Price to sell. F. B. WEMPE, Frankfort, Kansas

HAMPSHIRE Best of blood lines, well marked pigs, pairs or trios, with young boar to mate gilts. Breeding stock at all times for sale. Satisfaction guaranteed. S. E. SMITH, LYONS, KANSAS.

For Hampshire Hogs, Dutch Belted Cattle, Arab Stallion COLLIE DOGS AND GEESSE FEATHERS. WRITE C. W. WEISENBAUM, ALTAMONT, KANSAS.

## SUNNY SLOPE FARM HAMPSHIRE

Fall pigs now coming—orders booked, 8 for \$50.00. A few spring pigs good enough to show at \$25.00 and \$40.00. Also three bred sows. I guarantee to please you or adjust any difference to your complete satisfaction.  
**FRANK E. PARKS,** Olathe, Kansas

### DUROC-JERSEYS.

DUROC FALL BOARS AND GILTS. Extra fine. Farmers' prices. A. G. DORE, OSAGE CITY, KANSAS.

## RICE COUNTY HERD DUROCS

Spring and summer boars, 30 fine gilts and sows bred for March and April farrow. Good Enuff, Colonel, Crimson Wonder, Ohio Chief blood lines. Prices right, herd immune. Write today for prices and descriptions. G. M. SHEPHERD, LYONS, KANSAS

## WOODDELL'S DUROCS

Herd headed by Rex E. Nuff by Good E Nuff Again King and brother to Otey's Dream. Spring boars and gilts priced reasonable. Satisfaction guaranteed. G. B. WOODDELL, WINFIELD, KANSAS

## BANCROFT'S IMMUNE DUROCS

We hold no public sales; nothing but the best offered as breeding stock. Choice spring boars, also gilts, open or bred to order for spring farrow. Customers in 13 states, satisfied. Describe what you want. We have it.  
**D. O. BANCROFT,** OSBORNE, KANSAS

### DUROC-JERSEYS.

## IMMUNED DUROC-JERSEYS

Best of blood lines. Big type. Plenty of all ages. Prices right. Guaranteed. MOSER & FITZWATER, COFF, KANSAS.

10 April and May Duroc Boars sired by Iowa Chief 2nd and Van's Crimson Wonder. Also a nice lot of gilts sired by these great herd boars and bred to a son of Royal Climax. GARRETT BROS., STEELE CITY, NEB.

## Smith's Durocs

Yearling gilts, by Smith's Graduate, others by Tattler, by Tattarax, bred for September litters. Spring pigs either sex. Priced reasonably. J. R. SMITH, NEWTON, KANSAS.

## Durocs of Size and Quality

Immune boars and bred gilts, all from large prolific stock. 3 and 4 Col., Superba, Defender, Perfect Col., Good E Nuff Again King, and Ohio Chief blood lines. Description. John A. Reed, Lyons, Kansas

## Duroc-Jersey Bred Sows

Fall Yearlings, bred to Advance. Extra individuals, Crimson Wonder and Col. blood! Also Tried sows open and yearling and spring boars. Will ship on approval. Bed rock prices for quick sale.  
**W. B. ALBERTSON, LINCOLN, NEB., Route 7.**

## Immune Boars and Sows

Fifty Immune Duroc-Jersey boars ready for service, \$25 to \$35 and up. 100 Immune sows bred to Buddy K 4th, Wide Awake, Creme and others, \$30 to \$40 and up. Ready for immediate shipment. Geo. W. Schwab, Clay Center, Neb.

## CAMPBELL'S DUROCS

A few yearling sows, also spring pigs—the handsome, stretchy kind. Ohio Chief, Col. and Model Top blood lines. Can ship via Rock Island or Santa Fe. Satisfaction guaranteed.  
**A. T. CAMPBELL, MARION, KANSAS**

## Illinois Duroc-Jersey Pigs

By Chief Selection 124885, Pal. 44543, Prof. King 35481. Out of sows just as well bred. Have a great lot of strong husky March males priced right.  
**W. L. STONER, HENRY, ILLINOIS**

## Marsh Creek Herd DUROCS

Sows and gilts bred for March and April farrow. Big and stretchy with good bone, good color and broad, deep bodies immune. Will be priced reasonable and descriptions guaranteed. Write for price catalogue.  
**Ralph P. Wells, Formoso, Kansas**

## Hirschler's Durocs

Herd headed by Graduate King, by Graduate Col. Gilts by Tattarax Chief and E. L.'s Col. bred to him; also a fine lot of spring boars, priced for quick sale. Write today.  
**E. L. HIRSCHLER, HALSTEAD, KAN.**

## ASH GROVE DUROCS

Choice spring boars weighing 125 to 150 pounds. Priced to sell and guaranteed.  
**PAUL SWEENEY, BUCKLIN, KANSAS.**

## Uneda Herd Unexcelled Durocs

March boars of excellent breeding, color and quality. Weight, 175 to 200 pounds and not fat. \$30, \$25 and \$20. Choice Sept. boars \$10 to \$15. The Duroc Bulletin one year with each boar.  
**Tyson Bros., McAllister, Kas.**

## IMMUNE DUROC SOWS

For Sale Duroc sows guaranteed in farrow and cholera immune. Shipped to you before you pay.  
**F. C. CROCKER, FILLEY, NEB.**

## DUROC BRED GILTS PRIVATE SALE

Will not hold public sale and offer privately 18 choice yearling gilts, and 15 tops of spring crop. All sired by Royal Wonder and bred to Big Critic a richly bred 800 pound boar when mature. Every representation guaranteed.  
**D. S. COCHRAN, LINCOLN, NEBRASKA**

## Select Chief, The Grand Champion

this fall at Hutchinson and Oklahoma City. We won 24 ribbons at the two shows. All our top spring boars at private sale. Write for particulars and prices.  
**THOMPSON BROTHERS, Garrison, Kansas.**

## Good E. Nuff Again King, Grand Champion

Crimson Wonder 4th, second, Kansas State Fair 1913. Otey's Cream, junior champion Kansas State Fair 1914. Herd boars and grand champion prospects for sale. W. W. OTEY & SONS, WINFIELD, KANS.

## HUSTON'S DUROCS

Boars for sale by Country Gentleman, Golden Model 4th and Model 140199; sows and gilts safe in pig to such sires as Long Wonder 2nd, County Gentleman and Model. All immune and at pocket-book saving prices.  
**W. R. Huston, Americus, Kansas.**

## Elm Creek Herd Durocs

A few extra good Duroc Jersey gilts, bred for March farrow. Also one good yearling boar.  
**J. O. Hunt, Marysville, Kansas.**

## BALDWIN DUROCS

Baby boars \$7. Spring gilts \$25. Bred to "Bell the Boy" the undefeated first prize winner at the "Kansas State Fair" the "Tenn. State Fair" and the "Interstate Fair". Immune. Rose Comb Rhode Island Reds. Winners at the big shows. 19 incubators. Cockerels \$2. Call and see us.  
**R. W. Baldwin, CONWAY, McPherson Co., Kan.**

## THE GET OF CHAMPION BOARS

Duroc-Jersey spring boars and gilts sired by 800 and 1,000 lb. champion boars and out of one of the best herds of sows in Mo. Big boned, strong boars ready for service, \$20 to \$25; gilts bred to farrow in March, \$25 to \$35. Register papers furnished without extra charge. Send your check and get your money's worth.  
**R. W. TAYLOR, Olean, Mo.**

## Royal Scion Farm Durocs

The Great Graduate Col., Col. Scion and Gano's Pride head this herd. Extra choice Fall and Spring boars. Their dams are our best matured tried sows.  
**G. C. NORMAN, Route 10, WINFIELD, KAN.**

## BIG TYPE UNPAMPERED BERKSHIRES

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truetype, King's Truetype, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Eighty bred sows and gilts to farrow soon. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth.  
**E. D. KING, BURLINGTON, KANSAS.**

### DUROC-JERSEYS.

## Immune Duroc-Jerseys

8 head of spring boars, 2 show boars, 30 spring gilts bred to Watson's Defender, a son of Defender. Satisfaction guaranteed. R. C. WATSON, ALMA, KAN.

## HOWE'S DUROCS

Fall yrsg. gilts, out of most prolific sows of breed. Spring boars and gilts by J. U.'s Model by Model Duroc, half bro. of Hutchinson State Fair champion special low prices on spring boars ready for service.  
**J. U. HOWE, WICHITA, KANSAS**

## BONNIE VIEW STOCK FARM

For Sale: March and April boars, tried sows and bred gilts by Tat-A-Walla and Jayhawk Crimson Wonder. Sows bred to Tat-A-Walla and gilts bred to A Critic.  
**SEARLE & COTTLE, BERRYTON, KANSAS**

## 25 March and April Boars

by Dreamland Col., by Clear Creek Col., by Burt 711, by Crimson Wonder 4th, from \$20 to \$35. Herd boars prospects and show prospects. Write soon and get the choice ones.  
**J. R. JACKSON, KANOPOLIS, KAN.**

## Hillcrest Farm Durocs

Boars ready for service sired by Taylor's Model Chief, half brother to Grand Champion Mo. State Fair, 1914. Good boars at farmers' prices. All Immune.  
**E. N. FARNHAM, Hope, Kans.**

## Private Boar Sale

Top boars from our 115 March and April Duroc-Jersey pigs. Nothing but choice ones priced. Extra size, best of breeding. Prices reasonable and satisfaction guaranteed.  
**HOWELL BROS., Herkimer, Marshall Co., Kansas.**

## Maplewood Farm DUROCS

We offer the 40 Fall and Spring gilts intended for our bred sow sale at private sale. We will breed them to either of our splendid herd boars to your order and ship satisfaction guaranteed. Prices quoted that are lower than we would have to have in a bred sow sale. Also two splendid March boars. Write for breeding, descriptions and prices.  
**MOTT & SEABORN, HENNINGTON, KANSAS**

## GOOD DUROC GILTS

Do you want Duroc-Jersey gilts, either bred or open. The kind with good size bone and quality? Let me sell you two, four, six or enough to start in the business and start right. They are by such sires as Dandy Model, grandson of reserve champion Dandy Duke and his dam was the champion, Lincoln Model. They are bred right and if you want good gilts priced reasonably we can deal. Write, phone or call soon.  
**HAROLD F. WOOD, Elmdale, Kansas**

## TATARRAX HERD DUROCS

Offers for sale at right prices  
**75 BRED GILTS**  
of distinct quality and exceptional breeding.  
**10 Outstanding Boars**  
Everything immunized and in perfect health. Come and see us or write your wants.  
**BUSKIRK & NEWTON, NEWTON, KANSAS**

## BUSKIRK & NEWTON

NEWTON, KANSAS

## RED S\$2



## BERKSHIRES

**Hazlewood's Berkshires**  
Spring boars, head gilt—immune; priced to sell.  
W. O. HAZLEWOOD, WICHITA, KANS.

**Large English Berkshires**  
3 outstanding fall boars now ready for service, priced \$40.00 and \$50.00 each. 20 head of spring boars at \$25.00 to \$40.00 each. 50 head of sows and gilts bred for spring litters, priced \$25.00 to \$35.00 each. Address H. E. Conroy, Nortonville, Kan.

## Walnut Breeding Farm

BERKSHIRE boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 17000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. Less White, Winfield, Mo.

## BERKSHIRES

Help me put Berkshires on every farm; some nice boars ready for service, prize winners; also some nice bred gilts. FRED HALL, LONE WOLF, OKLAHOMA

## OUTSTANDING BERKSHIRES Priced to Sell

Six spring boars ready to ship; two at \$25 each; two at \$35 each and two at \$50 each. Also one of our herd boars, Ideal Centerpiece 175045 at \$50. 15 sows and gilts and 30 pigs ready to ship. Buy early and save money.  
J. T. BAYER, YATES CENTER, KANSAS

## BERKSHIRES

for show and utility purposes. Write for prices, describing your wants, and get a photograph of the animal quoted you and thus have some idea of what you are going to get for your money.  
Kiesler Farm, Perryville, Mo.



Special Offering  
**Sutton Farm**  
Berkshires

125 head for sale, 10 service boars, 15 bred sows and gilts, 100 fancy spring pigs, at attractive prices. Write today.

## SUTTON FARM LAWRENCE KANSAS

## O. I. C. HOGS.

**O. I. C. PIGS** Pre-Mate Type; Registered. ED KRAUS, HAYS, KAN.

**O. I. C. FALL BOARS REGISTERED FREE.** HENRY KAMPING, ELSMERE, KANSAS.

**O. I. C. BOARS THAT ARE EXTRA GOOD.** HARRY W. HAYNES, BERIDEN, KAN.

## SunnySide Herd O.I.C.

30 Spring pigs both sex, pairs and trios not related, best of breeding priced right. W. H. Lynch, Reading, Kan.

**O.I.C.** Spring and fall pigs, good herd boars and bred sows. Special prices for next 30 days. A. G. COOK, WALDO, KAN.

## Grandview Stock Farm

25 O. I. C. March and April, boars and gilts. Special prices for the next thirty days. ANDREW KOSAR, Delphos, Kan.

## O. I. C. BRED SOWS and GILTS

A few tried sows and gilts bred for spring farrow; boars ready for service, pairs and trios not related. Best I ever offered. Very reasonable prices. JOHN H. NEEF, BOONVILLE, MISSOURI

THIS  
**O.I.C.**  
SOW WEIGHED 932 LBS.  
AT 23 MONTHS OLD  
**IONIA GIRL**

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." G. S. BENJAMIN, R.F.D. 33 Portland, Me.

## Maple Grove O.I.C's.

Sows with quality and finish to farrow in Jan., Feb. and March \$30 to \$35. Choice gilts farrowed last Jan. bred to farrow in Feb. and March, \$22.50. Pigs two to five months old \$8 to \$14. Pairs and Trios not related. May boars \$15. May gilts \$17.50. Prices are good until Jan. 1st, 1915. Never had cholera on the place.  
J. F. Greiner, Billings, Missouri

## MULE FOOT HOGS.

**Mule Foot Hogs** All kinds for sale. Gilts sired by and bred to my first premium winning boars at Ohio and Indiana State fairs of 1913 and 1914. Some fine fall pigs in pairs. Zone 6, Hadley, Box C, Wilmington, Ohio not related.

## "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

chief herd bulls in this herd. Also a choice lot of yearlings sired by Laredo, Dandy, Andrew, Beau Matia 19th and Ohio Donald. Also several very choice cows are included in the sale. Catalogs will be issued in good time and will be mailed upon application to Mr. Miller. Mention the Farmers Mail and Breeze when you write for one.

Dana D. Shuck, Burr Oak, Kan., has been carrying a card all summer in the Farmers Mail and Breeze and has enjoyed a splendid sale on his Duroc-Jersey boars. He still has a few for sale at very attractive prices. They are good but younger than those he has been selling. January 18 is the date of his big bred sow sale which will be held in Burr Oak. Forty head go in the sale, consisting of 35 March gilts, the most of them by Pawnee Crimson by Crimson Wonder 3d.

T. M. Wilson is changing his card advertisement in this issue of the Farmers Mail and Breeze and is advertising his Polled Durham herd bull Good Enough X 8933, also one coming 2-year-old bull got by Spring Brook Orange. Mr. Wilson regrets the necessity of selling Good Enough as his get is showing up exceptionally well. The only reason he is offered is that so many of his daughters are retained in the herd. If interested in this good offering write Mr. Wilson.

W. E. Epley, Diller, Neb., will sell a draft of Poland China bred sows at Smith's sale pavilion in Fairbury, Neb., Friday, February 26. He will sell 40 head consisting of eight fall gilts, 27 March gilts and 5 tried sows. This offering is as good as any like number of sows that will be sold in southern Nebraska this winter. It is a great offering and Kansas breeders will do well to attend this sale. Mr. Epley has been one of the best buyers in leading Nebraska sales for the last three or four years. He is a good feeder and knows how to feed and safeguard the future usefulness of the brood sows.

In this issue in the Hereford cattle section will be found Samuelson Bros., Cleburne, Kan., advertisement in which they are offering three March last Hereford bulls. These bulls were sired by a son of the champion Simpson and are well grown and really good herd bull prospects. They are eligible to registry and will be sold at very reasonable prices. They are also offering 20 Duroc-Jersey boars that are extra choice at \$20 to \$25 each to move them quick as they are desirous of getting them out of the way before their bred sow sale which will be held at their farm near Cleburne as usual.

February 10 and 11 are the dates of the John Kimmmerer and Ira C. Kyle & Son Poland China bred sow sale circuit. It starts on the 10th with the Kyle Sale at Mankato and then there those attending the sale will be taken to Mr. Kimmmerer's farm near Mankato where he will sell on the 11th. Both sales will be advertised in the Farmers Mail and Breeze and both offerings will be top sows and gilts from two of Jewell county's great Poland China herds. If you will write either of them today and mention this notice in the Farmers Mail and Breeze they will book you for their catalog and you will get one as soon as it is off the press.

Joshua Morgan, Hardy, Neb., is a Jewell county, (Kansas) breeder who breeds strictly big type Poland Chinas and holds annual bred sow sales. The date of his bred sow sale this winter is February 15. In this sale he will sell 40 head of sows consisting of 20 fall gilts, as good as ever went through a sale ring and 10 tried sows and every one of them sold because of their real merit as brood sows; also 10 March gilts. Mr. Morgan is selling in this sale fall gilts and tried sows that he intended keeping but because of the fact that some of his spring gilts are going to farrow late he has filled with sows picked for his own herd. Write him to book you for his catalog.

S. B. Amcoats of Clay Center, Kan., is changing his advertisement in this issue as he has sold all the Poland Chinas he cares to sell. He recently sold 13 gilts to W. A. McCullough, of Delavan, Kan. Mr. McCullough visited Mr. Amcoats' herd and not only bought the gilts but four head of Shorthorns. Mr. Amcoats sold four more cows and a fine bull to E. E. McCoy, of Canton, Miss. Recently he sold Fred Williams, Portia, Kan., two cows and two calves. This offering includes eight bulls from 8 to 16 months old. Practically all of these are pure Scotch bred, the others carry several Scotch crosses. Look up the advertisement in this issue and write Mr. Amcoats for prices and particulars.

## Lamer's Percheron Sale.

C. W. Lamer, the big breeder and importer of Percheron horses, of Salina, Kan., will make a draft sale of 60 head from his Pioneer Stud Farm on Wednesday, January 20. It will be remembered that Mr. Lamer was the importer and owner of Ilmen, the big champion stallion at the Royal a few years ago that was said to be the largest 2-year-old ever imported from France. A large number of mares in this offering will be bred to this stallion. Look up the display advertisement in this issue and write Mr. Lamer for catalog.

## Combination Percheron Sale.

The breeders in Shawnee and adjoining counties will hold a combination sale at the fair grounds in Topeka, Wednesday, January 13. The offering will include 14 stallions and 16 mares and will be consigned by W. A. Gilchrist, of Topeka, B. F. McAllister, Topeka, Geo. Greenmiller & Son, Pomona, Kan., John Foster, Elmont, Kan., J. H. McAfee, Topeka, Wm. Branson, Overbrook, Kan., R. H. Town, Valencia, Kan., J. H. Urish, Scranton, and J. T. Schwalm, Earlwin, Kan. Practically all of this offering traces direct to the grand champion Casino. These horses are well bred and are in good condition. Write H. W. McAfee, R. 8, Topeka, Kan., or B. F. McAllister, Station C, Route 8, Topeka, Kan., for catalog.

## Holstein Bull Bargains.

F. J. Searle of Oskaloosa, Kan., has four outstanding herd bull prospects on which he will make bargain prices. They were calved last May, out of A. R. O. dams with records ranging from over 13 pounds butter, 7 days, at one year 10 months, to over 15 pounds as junior 2-year-olds. These bulls are all exceptionally well bred on both sire and dam's side. Mr. Searle has full seven generation pedigrees of these bulls which he will gladly send to interested parties for

## POLAND CHINAS.

**Poland Chinas** with fine and quality herd boars King Hadley, Chief Grant and Long Look. Cholera immune. Stock for sale. LAMBERT BROS., SMITH CENTER, KAN.

**Poland China Bred Sows, Norton, Kan., Feb. 13.** 40 sows and gilts. A few choice spring boars at private sale. J. F. Foley, Oronoque, Kan. (Norton Co.)

## Courtland Herd Big Type Polands

For sale boars and gilts by Long John. Gilts bred to Orange Wonder and Pomeroy Sam. W. A. Courtland, Courtland, Kan.

**I HAVE SOME FALL PIGS** for sale at a bargain. Sired by my blue ribbon, reserve champion and grand champion boars. W. Z. BAKER, RICH HILL, MISSOURI

## SPECIAL BOAR BARGAINS

15 yearling and spring boars for sale, sired by Cavett's Master by King Mashtiff and Sterling by Brookside, by Hadley. \$20.00 to \$30.00 to move them quick. A. L. ALBRIGHT, WATERVILLE, KANSAS

## Success Stock Powder

Guaranteed to increase, promote, and improve the condition of the stock. It is a horse stock conditioner and sold at a fair price. For reference, testimonials and prices, write to: DOUGLAS & SON, MANHATTAN, KAN.

## Poland China Boars

March and April farrow. Also a few choice fall yearlings. These are actual top and for sale at reasonable prices. Strictly Big Type. Gilts reserved for bred sow sale. JAS. ARKELL, Route 4, Junction City, Kansas

## Strauss' Big Poland Chinas

Six last fall boars and 18 spring boars by Model Wonder (900 pounds) and Blue Valley Chief by Blue Valley. Write me your wants. O. R. STRAUSS, MILFORD, KANSAS

## Wiebe's Immune Polands

March boars weighed 300 pounds Nov. 1st with 7 1/2 inch horns. All from big litters and fashionable big type breeding. Choice March and April boars and spring yearlings. Priced to sell quick. Satisfaction guaranteed. G. A. WIEBE, BEATRICE, NEBRASKA.

## ENOS' Big Type POLANDS

30 head of fall and spring boars, 40 head of sows and spring gilts by Orphan Chief and Major Hadley. Out of Knox-All-Hadley and A Wonder's Equal dams. All strictly big type. Private sale only. Write for prices. A. E. ENOS, RAMONA, KANSAS.

## Jumbo Herd Poland Chinas

Up-to-date big type breeding. Top spring boars for sale. Gilts reserved for Feb. 9 bred sow sale. Write JAS. W. ANDERSON, Leonardville, Kan.

## KLEIN'S BIG POLANDS

Boars and Gilts, spring farrow at attractive prices. Can furnish them not related. I guarantee satisfaction. L. E. KLEIN, Zeandale, Kan.

## King of Kansas Bred Sow Sale

30 fall and 20 spring gilts sired by the above great boars. Five choice proven bred sows bred to King of Kansas. A big percent of the gilts bred to Long Jumbo Jr. Write to day for catalog. J. L. GRIFFITH, RILEY, KANSAS

## Big Spotted Poland Chinas

20 Big Spotted Poland China sows and gilts in my Feb. 24 bred sow sale. I want you to come. Write today for Catalog. The Farmers Kind. Alfred Carlson, Cleburne, Kan.

## Both Large and Medium Type Polands—300 Head

Great big, stretchy, spring pigs from mammoth sows, the kind that have show type and yet with abundance of size. We want to sell only the kind that will please you and at prices that will make you write today. Olivier & Sons, Danville, Kan.

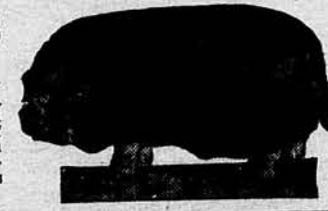


## DOOLEY'S SPOTTED POLANDS

Extensive Breeding Farm, home of the old original spotted Poland Chinas. I am selling spring pigs, either sex, 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, EUGENE, MISSOURI

## Blough's Large Type Polands

**Big Growthy Spring and Yearling Boars.** good enough to head a breeder's herd and at prices any farmer can afford. Big, stretchy spring gilts, also a few tried sows and fall yearling gilts will be sold bred for early spring farrow. Come and see these hogs. If you are disappointed in their size or quality when you see them I will pay your car fare home. Yours for business and at prices we both can afford. Write your wants today. JOHN BLOUGH, BUSHONG, KANSAS.



## LOOKABAUGH POLAND CHINAS 600 Head. Best of Large Type Breeding.

A Wonder, Hadley, Designor, Long King and other noted blood lines. ANY FARMER CAN AFFORD ONE 100 SPRING BOARS They grow big and mature early and will breed just that way for you. Why not have a crop of pigs next spring that, not only will look good, but make hogs big enough to ship out next fall before the weather gets cold. I want to sell 50 of these boars to farmers the next 30 days and when your pigs arrive if you are not satisfied you have made a good buy I will refund your money cheerfully. But you must do business quickly if you get one of these good boars. Also bred sows and gilts.



H. C. LOOKABAUGH, Watonga, Oklahoma

## POLAND CHINAS.

**POLAND CHINA BOARS** of March farrow for sale. Prominent breeding. Prices will suit. Address Sam Horton, Penick, Okla. Co., Kan.

## Becker's POLAND CHINAS

Spring gilts, Hadley, Expansion, Mastodon, and other leading strains and safe in pig to Orphan Boy, by Orphan Chief. Fall also, pairs and trios by Orphan Boy and Hadley's Wonder, a grandson of A Wonder.

J. H. BECKER, NEWTON, KANSAS

## FULKERSON'S BIG TYPE POLANDS

50 serviceable males weighing from 165 to 300 pounds and 175 pigs, either sex, for sale. They are by Ben's Son and Oronoke and out of sows by A Wonder, Bell's Price, etc. 30 registered Shropshire rams.

F. D. FULKERSON, BRINSON, MISSOURI

## SHEEHY'S BIG POLAND CHINAS

Fall yearling gilts, spring gilts and tried sows, bred for early farrow. Fall weanling pigs. Everything immune. Ed Sheehy, Hume, Mo.

## GRITTERS SURPRISE and BIG ORANGE AGAIN

Two choice spring boars for sale. Big Bred Sow sale Feb. 12. 15 fall gilts and 25 spring gilts sired by the above boars. By far the best offering we have ever made. We sell in the Riley county bred sow circuit. Write for catalog today. A. J. Swingle, Leonardville, Kansas

## Gephart—Long King

A few choice spring boars at attractive prices. I will sell 50 bred sows and gilts at the Agricultural College, Feb. 27. I want the Riley County circuit. Write to day for my catalog. J. H. HARTER, Westmoreland, Kansas.

## Fairview Herd Poland Chinas

Choice Fall Yearling and Spring Gilts, bred for March and April farrow, offered at prices to sell quickly. Write us for guaranteed descriptions. P. L. WARE & SON, PAOLA, KANSAS

## MT. TABOR HERD POLANDS

I am offering the tops of my 150 spring pigs by four different boars at attractive prices. Write for prices on one or as many as you want. J. D. WILLFOUNG, ZEANDALE, KANSAS.

## Axlines' Big Type POLAND CHINAS

**Herd Headed by Jumbo Hadley 66998** one of the big boned, smooth, easy feeding kind. Both boars and gilts for sale. Prices reasonable. Write to J. E. AXLINE, WELLSVILLE, KANSAS, or E. E. AXLINE, INDEPENDENCE, MISSOURI

## ERHART'S BIG TYPE POLANDS

The Biggest of the Big Type. Herd headed by Robideux 59527, seven feet and eight inches from top of head to root of tail, weight 1200 pounds and stands on a twelve inch bone. A fine lot of massive spring boars, priced for quick sale. Also choice females.

A. J. ERHART & SONS, NESS CITY, KANSAS

## PRIVATE SALE

95 Feb., March and April pigs at private sale. Satisfaction guaranteed. No public sales. Big type with quality. Write for descriptions and prices. JOHN COLEMAN, Denison, Kan.



## LIVESTOCK AUCTIONEERS.

**FLOYD CONDRAY, Stockdale, Kansas**  
Livestock auctioneer. Write for open dates.

**Livestock Artist**  
HARRY SPURLING, TAYLORVILLE, ILL.

**BOYD NEWCOM** Wichita, Kansas.  
Real Estate a Specialty. Write, wire or phone for dates

**N.W. COX** Wellington, Kan.  
AUCTIONEER  
LIVESTOCK AND FARM SALES.

**Spencer Young, Osborne, Kan.**  
Livestock Auctioneer. Write for dates.

**Jas. T. McCulloch, Clay Center, Kan.**  
Reference: The breeders I am selling for every year. Write for open dates.

**WILL MYERS, Livestock Auctioneer**  
BELOIT, KANSAS. Ask the breeders in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

**RUGGELS & SON** SALINA, KAN.  
BEVERLY, KAN.  
Livestock, Real Estate. Address either place.

**D. F. Perkins, Concordia, Kan.**  
Livestock Auctioneer  
Write, wire or phone for dates.

**FRANK J. ZAUN**  
FINE STOCK AUCTIONEER, INDEPENDENCE, MO.  
"Get Zaun. He Knows How." Bell Phone 675 Ind.

**JESSE HOWELL, HERKIMER, KAN.**  
of Howell Bros., breeders of Durocs and Horefords can make you money on your next sale. Write for dates.

**W. A. Fisher, White City, Kan.**  
Livestock Auctioneer. Write or Phone for dates.

## Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Next 4 weeks term opens Jan. 4, 1915. Are you coming?

**MISSOURI AUCTION SCHOOL**  
Largest in the World W. B. Carpenter, Pres  
818 Walnut St., Kansas City, Mo.

## GALLOWAYS.

**Registered Galloways**  
250 in herd. 40 bulls from 5 to 18 months, sired by the 2200 lb. Carnot. Imp. breeding. W. W. DUNHAM, Doniphan, (Hall County), Nebraska.

**CAPITAL VIEW GALLOWAYS**  
Bulls from 6 months to 2 years; also a few females of modern and quick maturing type.

**G. E. Clark, Topeka, Kan.**

## DAIRY CATTLE.

**Holstein and Dutch Belted**  
Male and females very cheap; come and see them. M. P. KNUDSEN, CONCORDIA, KANSAS

**Sunflower Herd Registered Holsteins**  
A number of choice young bulls all from A. R. O. dams and from proven sires and grandfathers. (A good bull is a profitable investment, a cheap bull will prove a disappointment.) Buy a good one from F. J. SEARLE, OSKALOOSA, KANSAS

**Linscott JERSEYS**  
Premier Register of Merit Herd Est. 1878. Bulls of Reg. of Merit, Imported, Prize Winning stock. Most fashionable breeding, best individuality. Also cows and heifers. Prices moderate. R. J. LINSOTT, HOLTON, KANSAS

**Holstein-Friesian Bulls**  
Very attractive prices on a registered herd bull, two years old and on younger registered bull calves for next few weeks. One a son of 90 lb. cow and her grand dam a 101 lb. cow HIGGINBOTHAM BROS., ROSSVILLE, KANSAS.

**BONNIE BRAE HOLSTEINS**  
I am offering this week 7 head of Registered heifers coming two year olds and 6 head of cows from 3 to 5 years old. Will make an attractive price on the bunch. IRA ROMIG, Sta. B, TOPEKA, KANSAS.

## HIGH GRADE HOLSTEINS

Over 200 head in herd. Special prices on cows and 40 yearling and 2-year-old heifers, sired by Sinit Butter Boy King, whose dam and granddam were 27 lb. cows. 40 miles west of K.C. N. EAGER, R. R. No. 8, Lawrence, Kansas

**Holstein Herd Material**  
Choice Bull Calves; Serviceable Bulls; and Females:

Herd headed by Wausons King Korndyke, a grand-son of Pontiac Korndyke, that sired 102 A. R. O. daughters. T. M. EWING INDEPENDENCE, KAN.

**HOLSTEINS**—CHOICE BULL CALVES  
H. B. COWLES, TOPEKA, KANSAS.

**SOMMER--BLADS GUERNSEYS!**

## TUBERCULIN TESTED.

Some matured cows and young bulls by Chief Glenwood Boy of Haddon, Penwyn 2d and Flash of Fenmore (A. R. 55). Address ERNEST KENYON, Nortonville, Kansas

**GUERNSEYS**

I have one very choice Guernsey bull of serviceable age, out of imported sire and dam; also one six-months' old bull—very choice.

**OVERLAND GUERNSEY FARM,**  
OVERLAND PARK, KANSAS

inspection. The prices on these bulls range from \$125 to \$150 each and these are bargain prices. Another feature in this offering is a coming yearling out of a 22½ pound dam and with A. R. O. breeding throughout. This bull has 32 dams with better than 30 pound records in his pedigree. The price on this bull will sell him to the first interested inquirer. When writing Mr. Searle about these bulls please mention Farmers Mail and Breeze.

## Foley's Poland Chinas.

J. F. Foley, Oronoque, Kan., is changing his advertisement in this issue of the Farmers Mail and Breeze. He has a few extra choice spring boars for sale and all are immune. February 13 is the date of his big bred sow sale, which will be held in Norton, Kan., to better accommodate his customers. Mr. Foley is the pioneer Poland China breeder in Norton county, and his herd has been added to from prominent Iowa herds for the past three or four years. Blaine's Last Hadley was a great boar, bred by John Blaine and sired by old Big Hadley. In his bred sow sale at Norton, he will sell 40 head of fall gilts, tried sows and spring gilts. Everything is immune and will be bred for early farrow. You can write him any time about a well grown boar of spring farrow and you can buy him at a bargain now. Tell him at the same time to book you for his catalog. Please mention the Farmers Mail and Breeze when you write.

## King of Kansas Pigs.

J. L. Griffiths, Riley, Kan., has had a big trade in King of Kansas spring boars this fall and has no more boars for sale. The date of his big bred sow sale is February 18. In this sale he will sell 20 fall gilts and 25 spring gilts sired by King of Kansas. Also five picked tried sows of proven value that are bred to King of Kansas. The fall and spring gilts are as uniform and classy a lot of young sows as ever went into one sale ring. A good percent of them are bred to Long Jumbo Jr., the boar bought in H. B. Walter's sale at Effingham, Kan., last October. The sire of this great young boar was Long Jumbo and the dam was Big Lady Wonder, the sensational Iowa herd last winter. This sow is called by competent breeders the best sow ever owned in Kansas. She farrowed nine pigs and raised six of them and they sold to prominent breeders in Mr. Walter's October sale for \$1,530. The litter sold on its merits to such men as Mr. Griffiths. The dam will weigh over 800 in good condition and many believe she could be put up close to the 900 mark. Her dam was A Lady Wonder, by A Wonder. Long Jumbo is one of the famous Iowa sires and has weighed over 1100 pounds. Mr. Griffiths sells in the Riley county Poland China bred sow sale circuit and will sell the day following J. H. Harter's sale at the Agricultural college. Ask him today to book you for a catalog and you will get one as soon as they are off the press.

## Strictly Big Type Poles.

Jas. Arkell, Junction City, Kan., changes his advertisement in the Farmers Mail and Breeze this week and is offering September and October Poland China pigs in pairs and trios, not related. The date of his big bred sow sale is February 20 and he will sell in Junction City in comfortable quarters. He sells in the big Riley county circuit. Mr. Arkell will sell 45 bred sows and gilts. There will be a fine lot of fall gilts by Pan Look and First Quality and the spring gilts, which is one of the best lots of young sows that will go through a sale ring this winter are by First Quality and Longfellow Again, by old Longfellow J. R., a noted Iowa boar, bred by Peter Mouw. First Quality was sired by old Blue Valley's Quality, Thos. F. Walker's great boar. The breeding all through Mr. Arkell's herd is of noted big type breeding and to top it all he went to Nebraska this summer to buy the best boar he could find that could be bought. He wound up by buying from Thos. Miller, York, Neb., Chief Big Bone, one of the notable herd boars of Nebraska. He had the opportunity of looking at the get of this great sire and that decided him. Chief Big Bone is a big, massive fellow, that will weigh around 900 pounds. He was sired by Long Chief 2d and his dam was Queen of Big Bones, by Big Bone. Peter Mouw breeding prevails in Mr. Arkell's herd and in his sale offering. His sale follows A. J. Swingle's sale at Leonardville and can be conveniently reached the morning of the sale. Mr. Arkell will be pleased to book you for his catalog now and mail it as soon as it is off the press. Mention the Farmers Mail and Breeze when you write.

## Illinois and Indiana

BY ED. R. DORSEY.

The big annual horse sale which is held at Bloomington, Ill., and managed by C. W. Hurt of Arrowsmith, Ill., will be held this year January 26 to 29, inclusive. Practically all wants in the horse line can be satisfied in this sale as the offering will include about 400 head. There will be 200 head of imported stallions and mares, 50 head of imported fillies, of the draft breed; 100 head of trotters and 60 head of ponies. For further information about the offering see display ad in this issue and write Mr. Hurt for catalog.

## Nebraska

BY JESSE R. JOHNSON.

A. B. Garrison, of Summerfield, Kan., has decided on February 3 as the date for his coming Shorthorn sale. This is the offering Mr. Garrison had intended to sell December 17. The offering is coming along nicely and will be in fine shape for February 3. He will sell 45 head of good, useful, practical farm raised Shorthorns. O. A. Tiller, of Pawnee City, Neb., will consign three good Young Mary bulls to this sale. Keep this date in mind and write Mr. Garrison for a catalog.

## Stallions and Holsteins.

Never before, in all the years during which they have been importing, has the firm of Watson, Woods Bros. & Kelly been so well supplied with good stallions with which to supply their old and new customers. At their barns at Lincoln, Neb., they have a good string of Percheron, Belgian and Shire stallions. They are big, drafty, clean boned fellows and have been selected with care by men that know the business and especially for the requirements of the kind of

## Lookabaugh's Shorthorns

More and better Shorthorns for my customers than ever before. \$20,000 worth of pure bred Registered Shorthorns to sell the next 60 days. \$1000 properly invested in these cattle will make you rich. Come early and get your pick; we pay your car fare home if you do not buy.

Foundation stock that carry the blood of the very best Scotch families.

2 heifers and a bull — milking strain, not related — \$250.

2 fresh milk cows, calf at foot and rebred — milking strain — \$350.

## THE FARMER'S COW



Strong in the blood of the most noted sires of the breed.

8 head of heifers, milking strain and Scotch herd bull all for \$1,000.

A car load of rugged young bulls, \$100 to \$150 each.

## A WORD TO MR. BREEDER

It is easy to increase the value of every Shorthorn you raise from \$10 to \$30, simply by using a better breeding bull. Stop and figure what this means even on the first crop of calves, whether you have 5 or 50 breeding cows and heifers in your herd. I have never before had such splendid herd bull material from which to select. I want to place these bulls where they will do the most good. The success of those who buy these herd bulls will prove more than all my prize winning and show ring honors my ability as a breeder. Come and see them, you will say with others they are the greatest bunch of herd header material you ever saw on any farm.

CALL ON OR WRITE

H. C. Lookabaugh, Watonga, Okla.

## Cattle! Shorthorn Cattle!!

150 Head { 100 cows and heifers bred or with calf at foot. 25 choice young heifers. 25 young bulls, 8 to 20 months old.

Rosewood Dale by Avondale and out of Rosewood 92nd, a sire of unusual merit heads this herd. A large per cent of these cows and heifers are bred to this son of the champion Avondale. When you visit the herd and see 30 of his last season's get, 17 sweet heifers and 13 young bulls, 8 to 10 months old, they will prove without a word his ability as a sire and you will appreciate more the cows and heifers bred to him. Here is

## A RARE CHANCE FOR BREEDER AND FARMER

who can use a number of breeding Shorthorns to increase their number or lay the foundation for a beginning Shorthorn herd.

Special Prices will be made to those who buy a male and females to mate. The foundation females of this herd are mostly from my Wisconsin herd and are strong in milking strains. If you want Shorthorns we can do business. Address

LEVI ECKHARDT, 1203 East 10th St., Winfield, Kan.

## Reduction Sale of Shorthorns

Come to Doyle Valley Stock Farm



175 Head of Shorthorns consisting of many choice animals that carry the blood of noted sires and fashionable families. Built up from foundation stock purchased from the best breeders of the Southwest.

50 HEAD MUST SELL IN 60 DAYS. Here is the Bargain Counter for the man who expects to start in the Shorthorn business. All kinds of Shorthorn Breeding Stock from which to select—Cows, Heifers and Bulls, cows with calf at side others due to calve soon. Included are grandsons and daughters of such sires as Avondale, Prince Oederic and other noted sires. If you want Shorthorns come now. Write, wire or phone me when to meet you at Peabody either Rock Island or Santa Fe Depot.

M. S. CONVERSE, Peabody, Kansas

## HIGH GRADE and REGISTERED HOLSTEINS

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

The silo and dairy cow are here to stay. There is big money and sure profit in the dairy farm if you use the right kind of cows. The Holstein has proven her worth in the North and East and is sure to take the lead in the southwest. Visitors welcome; call or write today.

Clyde Grod, Towanda, Kansas

## HOLSTEINS

Herd headed by Sir Julianna Grace's DeKol. Dam one year, semi-official, milk 22087 pounds; Dam one year, semi-official, butter 924 pounds. Sire's dam one year, semi-official, milk 22087 pounds; Dam one year, semi-official, butter 924 pounds. We will let this great bull to a few good cows this season at \$25.00. We have several young bulls for sale. Write for particulars to

SHULTHIS, ROBINSON &amp; SHULTZ,

(Owners), INDEPENDENCE, KANSAS



## POLLED DURHAMS.

**POLLED DURHAM BULLS**  
Good Enough X8993, also a coming 2-year-old, by Spring Brook Orange. T. M. Wilson, Lebanon, Kansas.

## 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.

## 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 bulls, cows and heifers for sale. Best of breeding. Write or better come and see. CHARLES MORRISON & SON, Phillipsburg, Kan.

## RED POLLED CATTLE

**BEST OF BLOOD LINES** and cattle that will please you. Cows, heifers and young bulls, at attractive prices. I. W. FOULTON, MEDORA, KAN.

## SHORTHORNS.

## SHORTHORN BULLS

4 Shorthorn bulls, 7 months old, white and roans, sired by Golden Cruickshank, pure Scotch. From the same family as Lavender Lord, by Avondale. C. E. HILL, TORONTO, KANSAS.

## Shorthorns

Choice young bulls by my 2,200-lb. Searchlight Bull. Also a few big type Poland China boars. A. M. MARKLEY, MOUND CITY, KANSAS

## Shorthorn Bulls

6 bulls from 10 to 14 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable.

L. M. Noffsinger, Osborne, Kan.

## SCOTCH and SCOTCH TOP BULLS

Three pure Scotch bulls; one 12-months-old Butterfly; one 8-months-old Orange Blossom; and one Braith Bud. Three herd headers. I have other good bulls that carry several Scotch crosses. All priced to sell.

S. B. ANCOATS, CLAY CENTER, KAN.

## Shorthorns Priced to Sell

A nice lot of Scotch and Scotch topped bulls 8 to 20 months old; also cows and heifers safe in calf. These cattle can be bought so they will make you a good profit. Do not wait, first come, first served.

H. C. Stephenson

CLEMENTS, (CHASE CO.) KANSAS

## SHORTHORNS

Choice Young Herd Bulls 10 to 14 months old. A few Choice Young Heifers. Some Cows close to calving. Everything guaranteed free from tuberculosis, or any other contagious disease. Prices very reasonable.

C. H. White, Burlington, Kan.

## Abbotsford Stock Farm

30 years the home of

## Scotch and Scotch Topped Shorthorn Cattle

For Sale: 20 bulls, six to 12 months old. Roans and Reds. Also a nice lot of yearling and two year old heifers. The two year olds are safe with calf. 138 head in the herd. Inspection invited. Address

D. Ballantyne & Son, Herington, Kan.

## Pearl Herd Shorthorns

Valiant 346162 and Marengo's Pearl 391982 in service on herd. Choice early spring bulls by Valiant for sale. Thrifty and good prospects. Scotch and Scotch Topped. Correspondence and inspection invited.

C. W. Taylor

Abilene, Kansas

## Three Shorthorn Bulls

Almost perfect in conformation yet representing three distinct types. **Love**, by Lavender Lord, by Avondale and out of 12 months. **Spring Goods** 2nd, by Spring Goods, by Choice Goods and out of Maud Miller, a great cow. One of the best you ever saw; long, deep, wide, low-down, beautiful coat; eight months old; the prize-winner kind. **Avondale** 2nd, out of my Butterfly cow, dropped May 18th, is too good to sell but I cannot afford to keep him. It pays to buy the best. I have them. You can afford to buy them. Photos on request. (Also three extra good Duroc-Jersey boars.) Write today.

D. O. WILSON, Winfield, Kan.

trade this firm has enjoyed for the many seasons that they have been in business. They also offer 150 choice Holstein heifers most of them due to freshen in a short time. These heifers come from the best milking strains and are all tuberculin tested. Mr. A. L. Haeker, one of the best posted dairy and Holstein men in the West, will show these heifers and help prospective buyers make selections.

## Peter Expansion.

Albert Smith & Sons, Superior, Neb., will sell 60 head of big type Poland China sows and gilts at their February 4 sale. The entire offering will be immune and second to no offering for size and quality to be sold this winter. The great young boar Peter Expansion will be a factor in the sale, a big per cent of the sows and gilts being bred to him. He combines the blood of Expansion, Mammoth Giantess, Long King and Big Bone Mastiff. Write any time for catalog of this sale.

## Top Duroc Glits.

D. S. Cochran, our Duroc-Jersey advertiser living at Lincoln, Neb., reports the recent sale of a very choice pair of pigs to E. P. Donlmy of Atwood, Kan. Mr. Cochran is now sold out on boars and asks us to change copy and offer for sale at private treaty 18 fall yearling gilts and 15 spring gilts. The fall gilts are the tops from about 35 head raised last fall and the spring gilts are the tops of the spring crop and none are being reserved as Mr. Cochran is keeping over just his old sows. The yearling gilts now weigh around 300 pounds and are just in nice breeding form and the spring gilts are big and growthy. Both the fall and spring gilts were sired by Mr. Cochran's great breeding boar Royal Wonder, one of the best breeding boars in the state. They have been bred to Big Cattie, a magnificent young boar that will make an 800 pound hog when mature. Please mention this paper when writing.

## S. E. Kansas and S. Missouri

BY C. H. HAY.

P. L. Ware & Son, the pioneer big type Poland China breeders of Paola, Kan., are offering some choice fall yearling and spring gilts bred for March and April farrow. Write these people for prices on good Poland Chinas.

A. G. Dorr, one of the oldest breeders of Duroc-Jerseys in Kansas, is offering a nice bunch of fall pigs at farmer's prices. The breeding of this offering is extra good, carrying champion blood from both sire and dam's side of pedigree. Write him at once for prices.

T. M. Ewing, of Independence, Kan., starts his card in the Holstein column of this issue. Mr. Ewing has one of the exceptionally good herds of the state, and knows how to care for them. He has recently secured as a herd bull Wauseon, a King Korndyke, a grandson of Pontiac Korndyke, the sire of 102 A. R. O. daughters. His dam Beauty Serene Nudine has a record of 2,615.80 pounds of milk and 113.58 pounds of butter in 30 days.

## Quality Shorthorn Cattle.

If you want something good in Shorthorn cattle be sure not to overlook the ad of C. H. White of Burlington, Kan. He has a lot of very top quality young bulls and heifers. There is a dark red bull about 14 months old, sired by Lord Mayor and out of Gratitude 5th, that is outstanding in every respect, and will make someone a splendid herd bull. Mr. White is pricing this calf at about one-half his value, and we suggest that you see him at once if you want a bargain. This calf has every indication of making a very large bull and has quality in proportion.

## Fawcett's Stock Sale.

D. A. Fawcett, owner of Sunny Hill Stock Farm, McCune, Kan., will hold his first Jack, Jennet and horse sale at McCune Saturday, January 16. Mr. Fawcett has for his first offering a splendid bunch of big boned black jacks. They are big husky fellows with lots of quality, well marked and well broke. There will be 11 serviceable jacks and two coming 2-year-old jennets. He will also sell about five good jennets. Mr. Fawcett will also offer a fine big black Percheron stallion, weighing 2,000 in ordinary flesh. One coach horse, weight 1000. One extra good saddle horse, weight 1000. This will be a great opportunity for anyone wanting a jack, jennet or horse. Mr. Fawcett intends to make this an annual event and will put up nothing but the best. Write him at once for a catalog.

## Publisher's News Notes

## A Warning to Stockmen.

The straightforward talks by Dr. Gilbert Hess, now running in the agricultural press, are very timely and should be closely followed by our readers. Dr. Hess explains lowed by our readers. Dr. Hess explains that when stock are taken off pasture and put on dry feed they are likely to get out of condition because of the lack of the natural tonics and laxatives so liberally supplied in grass and also for the want of exercise. He points out a number of diseases that are likely to arise during the dry-feeding period—chronic constipation, stocking of the legs, dropsical swellings, skin diseases; but the doctor lays particular stress on worms. He advises the giving of tonics during stall feeding. That Dr. Hess Stock Tonic has now been on the market 21 years is the best proof of its merit. One thing we like about the doctor's proposition is his broad guarantee: he says that any man who buys his stock tonic and does not feel certain that it has paid him well, that man can get his money back from the dealer for the asking.

In district 4 of the forest service, with headquarters at Ogden, Utah, lightning caused 36 per cent of this year's fires and campers 27 per cent.

The "idle rich" are only temporarily embarrassing; it's the busy rich who make the rest of the world hustle.

When a road-cart income meets an automobile ambition it's a bigger income or a new job.

## HEREFORDS.

## Prime Herefords

Clover Herd headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

**FOR SALE**—Choice bulls of all ages; also heifers and cows. Will sell Garfield 4th, because related to my young stock.

F. S. JACKSON, Topeka, Kansas

## Herefords-Durocs

3 bulls, 1 year old in March, weight from 450 to 500 pounds several weeks ago. All eligible to record. Sired by a son of the Champion Simpson. 20 extra good Duroc-Jersey boars at \$20 to \$25 each. Spring farrow. Big bred sow sale Feb. 11.

SAMUELSON BROS., CLEBURNE, KAN.

## For Sale

20 registered Hereford bulls, 6 to 15 months old, \$75.00 to \$100.00, delivered. 10 registered Heifers, 6 to 9 months old, \$65.00. A-No. 1 coming 3-year-old Columbus bred herd bull, 16 head good registered Poland China boars from 8 to 14 months old, \$15.00 to \$25.00, delivered.

FRED R. COTTRELL, Irving, Ks.

## Sedlacek

## Herefords

14 bulls from 6 to 16 months old for sale. Popular breeding and the best of individuals. Write for full particulars and prices.

J. F. Sedlacek, Blue Rapids, Kan.

## ABERDEEN-ANGUS.

## Aberdeen Angus Cattle



## DUROC HOGS

Johnson Workman, Russell, Kan.

## ANGUS CATTLE

I will sell my herd bull Rutger Heatherson 3rd, 118104 and eight coming yearling bulls; also some females, open and bred. My herd consists of animals of the best breeding, strong in the blood of the Blackbirds, Queen Mothers, Bruce Hills, Heatherblooms and Lady Jeans.

W. G. Denton, Denton, Kansas

## Aberdeen Angus Cattle

50 Females Yearlings and coming yearlings; also 50 Bulls one three-year-old bull. These are the best cattle we have ever offered and priced for quick sale.

SUTTON FARMS, Route 6, Lawrence, Kan.

## PUREBRED HORSES.



## German Coach

70—Horses—70

The great general purpose horse. Satisfaction guaranteed. Write or call.

J. C. BERGNER & SONS, Pratt, Ks.

## Brilliant Blood, Jet Blacks, Rich Grays

Registered Percheron studs, 1, 2, 3 and 4 years old. I grow the ton type with extraordinary bone and heavy quarters—I love a good horse. Come and visit at my plain old-fashioned Percheron farm that has the goods, and lots of them. Don't let anyone tell you that they have Percherons just like Fred Chandler's. Just above Kansas City. FRED CHANDLER, Route 7, Chariton, Iowa.

## JACKS AND JENNETS.

## Kentucky Jacks and Saddlers

Fine Kentucky, Mammoth Jacks with plenty of style, bone and weight. Saddle stallions, mares, colts and fillies. Buy your jacks and horses on the farms where they are bred. Home cured bluegrass seed. COOK FARMS, Box F, Lexington, Ky.

## Big Boned Jacks and Jennets

Herd won more prizes at Oklahoma State Fair 1914 than all others combined. One of the oldest established herds in the state. J. E. SMITH Kingfisher, Okla.



## MAMMOTH JACKS

You will find at my barns one of the largest number of best quality registered, big-boned black jacks, 15 to over 18 hands, to be found in the U.S. Reference, Banks of Lawrence. Location 40 miles west of Kansas City on the U. P. and Santa Fe. Prices reasonable.

Al E. Smith, Lawrence, Kas.

## Jacks and Jennets



A good lot of two to six-year-old jacks, well broke and quick servers, the kind that gets business in any community. Reduced prices for the next 30 days. Call or write.

PHIL WALKER  
MOLINE, KANSAS

## PUREBRED HORSES.

**WANTED**—Percheron stallion; weight about 2000 pounds. Color, black. Young, sound, good disposition. Write GEO. E. PALMER, HAYS, KANSAS, giving full description, breeding and price.

## STALLION FOR SALE

Best Percheron in Kansas. Coal black, coming 3 years old, will mature 2050 and has the style of a coacher. Registered, sound and right in every way. \$750.00 buys him.

Sutton Farm, Lawrence, Kan.

## Percherons Belgians

I have a fine bunch of Percheron, Belgian and French draft stallions and one Shire stallion. Also mares, colts and fillies that I am offering for sale very cheap. I will sell you a stallion ready for service next spring for from \$300 to \$500. Some extra good ones higher. Colts and fillies very cheap.

J. M. NOLAN,  
Paola, - - Kansas

## Breeder's Sale of 400 REGISTERED HORSES-400 IN COLISEUM, BLOOMINGTON, ILLINOIS, JANUARY 26, 27, 28, 29



300 imported and native-bred registered Percheron, Belgian, French Draft, Shire and Clydesdale stallions and mares.  
200 HEAD of imported and registered stallions and mares of the very choicest breeding.  
100 HEAD of the best registered mares that ever went into an auction ring.  
50 HEAD of imported and registered fillies.  
100 REGISTERED STALLIONS of the very choicest breeding and individuality.  
100 REGISTERED TROTTERS. Grade draft stallions and mares.  
60 HEAD OF PONIES—imported and native-bred registered Shetland and Welsh.

D. AUGSTIN, President.

CATALOG READY JAN. 12, 1915.

C. W. HURT, Mgr., ARROWSMITH, ILLINOIS

## Watson, Woods Bros. &amp; Kelly Co.

LINCOLN, NEBRASKA

Imported and American Bred Stallions.

## PERCHERONS, BELGIANS AND SHIRES.

We have a splendid lot of stallions of various ages selected especially for the requirements of our trade. They are big, drafty, clean boned, well finished and good actors. We have never offered better bargains.

150 Choice Holstein Heifers unregistered, from best milking strains, soon to freshen.

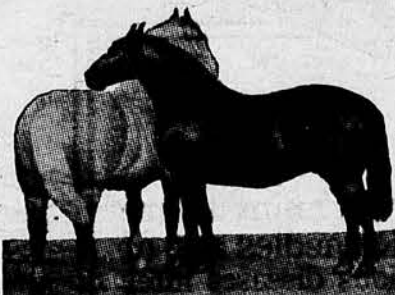
OUR PRICES ARE RIGHT





## Percheron Stallions and Mares

50 Head of Percherons  
All Registered in the Percheron Society of America



[Percheron Mares of Correct Type]

**Algarve by Samson**  
at the head of the herd, is a wonderfully impressive sire, weighing over 2200 pounds.

Young stallions and mares by Algarve and big handsome mares of correct type, in foal to him, make up a large part of this offering. His two-year-old daughter was 1st in class at the International and the mares we offer you bred to him are the kind that will do honor to him.

If you want Percherons, we want to meet you and there is no better way than right at our barns and pastures, where you can see what they are and how we raise them. When you see this year's crop of big-boned, square-built, handsome colts you will have a better idea of what we have to sell.

These Percherons are strong in the best blood ever imported from France. They have size, bone and conformation that cannot help but please you if you want the good, big draft type of Percheron. We expect to sell Percherons because we have the right kind and at prices you will say are reasonable. Write wire or phone what you want or when you can call at the farm, 3 miles East of Great Bend. Shipment over both Missouri Pacific and Santa Fe. Call on or address

**Harris Bros., Great Bend, Kan.**

## Lamer's Percheron Sale

I will sell at public auction on

**Wednesday, Jan. 20, 1915**

10 a. m., on the Pioneers Stud Farm, 17 miles south of Salina, 4 miles east of Lindsborg, and 2 miles south of Bridgeport, Kansas:

51 head of imported and home grown, registered stallions, mares and fillies. Part of the fillies and young stallions are sired by Grand Champion horse Ilmen (80190) 78696. The others were all carefully selected by me in person and I can assure you that there will not be a mare nor stud offered in this sale that you would not be proud to own. I positively know I can show you more bone, weight and conformation according to age, than any man in the business. I have made the breeding and handling of horses a life-time study and if you come to this sale you will see the greatest aggregation of horses ever offered at auction in the Central West. I will also sell 50 head of farm mares, most of them in foal, weighing from 1200 to 1700 pounds. Write for catalogue.

**G. W. LAMER, Salina, Kansas**

Office—National Hotel.

## Combination Registered Percheron Sale

At State Fair Grounds

**Topeka, Kan., Wed., Jan. 13**

**30—HEAD—30**

**14 Stallions—16 Mares**

The following breeders will have consignments in this sale: W. A. Gilchrist, Topeka, Kan.; D. F. McAlister, Topeka, Kan.; Geo. Groenmiller & Son, Pomona, Kan.; John W. Foster, Elmont, Kan.; H. W. McAfee, Topeka, Kan.; Wm. Branson, Overbrook, Kan.; R. H. Town, Valencia, Kan.; H. J. Urish, Scranton, Kan.; and J. T. Schwalm, Baldwin, Kan.

Casino blood prevails in most of the animals in this offering. One of the mares consigned by H. W. McAfee is a granddaughter of Casino. For catalog write Chas. Crews or D. F. McAlister.

**H. W. McAFEE, Mgr., Rt. 8, Topeka, Kan.**

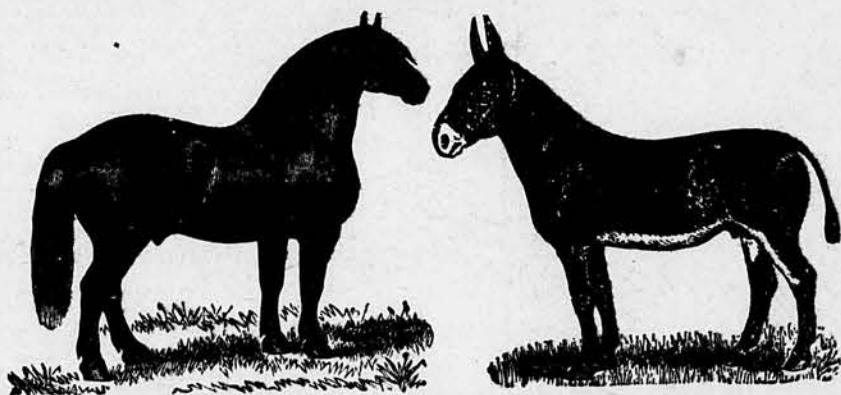
**D. F. McALISTER, Sec'y,**

**Station C, Rt. 8, Topeka, Kan.**

Clerk, J. W. Thurston. Fieldman, J. W. Johnson. Auctioneers, Crews & Ansel, J. T. McCullough.

## D. A. Fawcett's Jack and Percheron Sale

**McCune, Kan., Saturday, Jan. 16, 1915**



**3—Percheron Stallions—3**

One imported black stallion, weight 1700 pounds. 1 imported dapple gray stallion, weight 1700. 1 other stallion.

**11—Jacks—11**

Consisting of 9 head of 4 to 8 years old. They are large heavy boned, black fellows, ranging from 14¾ to 16 hands (standard). 2 yearling Jacks.

**STANDARD BRED STALLIONS**—Gold Camp, 7 years old, red sorrel, weight 1100 pounds, 15½ hands, a mile in 2:40 at two years old. Billy R. Junior, bay, weight 1200 pounds.

Write for catalogue, and arrange to attend this sale, for Percheron and Jack bargains.

**D. A. FAWCETT, McCune, Kan.**

FIELDMAN—C. H. Hay. AUCTIONEERS—Gaddis and Bell.



# The Best Protection Against Live Stock Losses

**D**OCTORING is of doubtful benefit when animals are suffering from dangerous diseases. Remedies are of little value in preventing the spread of infectious diseases after animals have been exposed. The best protection at all times—always available—is PREVENTION. Animals kept free from worms, and in healthy, thrifty, vigorous condition are well fortified to RESIST diseases. Run-down, worm-infested stock lack the vitality to resist infection—they are the first to suffer, and least likely to recover.

The danger from stomach and intestinal worms is not over-drawn. Veterinarians, Farm Papers, Agricultural Experiment Stations and thousands of Farmers and Breeders are fully alive to the situation. Hogs, Sheep and Lambs are the greatest sufferers, but Horses and Cattle become badly worm-infested. Stock losses due to worms runs into the millions yearly—the waste of feed is enormous—the risk of disease because animals lack vitality is great. You can stop YOUR losses—rid your stock of worms—put them in condition to better resist dangerous diseases, by allowing them to have free access to

TRADE MARK  
**SAL-VET**

The Great  
Worm Destroyer

REG. U.S. PAT. OFF.

The Great  
Live Stock Conditioner

I don't ask you to take the slightest risk in proving my claims. You can feed SAL-VET 60 days AT MY RISK—no money down—prove its value as a worm destroyer and conditioner, without taking any chances whatever.

Animals take readily to SAL-VET—relish it—go to it naturally and freely. It can be fed as you would feed salt, or mix it with the mash or slop. Feed it regularly—your animals will shortly be rid of worms—they will do better—gain faster, get more good from the ration fed. SAL-VET is highly endorsed by thousands—read the letters of a few.

"I fed about 600 lbs. of SAL-VET to 300 lambs which were badly infested with stomach worms. The lambs were weighed up this week to a Chicago concern and pronounced by their buyer to be one of the best lots he had purchased this year. They made an average gain of 40 lbs. per head. I will never again attempt to feed lambs without using SAL-VET."  
W. S. PATTON, Plattsburg, Ohio.

"Before I received your SAL-VET in November, all of my hogs were sick, and I had 41 head of them. Started to feed SAL-VET and saved 20. I am very sorry I did not get your remedy sooner, as I give the preparation credit for having saved the above. Neighbors all around me had the same trouble with their hogs and the disease made a clean sweep in some of these cases. I consider SAL-VET O. K."—ED. WOLFE, Edinburg, Ill.

"For the past two years, we have fed SAL-VET with excellent results, and therefore, take pleasure in recommending it as a worm destroyer and conditioner. Since feeding SAL-VET, our lambs have been entirely free from worms. Considering the excellent success which we have had with SAL-VET, I am perfectly willing that you should make public use of my endorsement. I cannot speak too highly of SAL-VET."  
D. J. GEIKEN, Supt. Sheep and Hog Dept.,  
N. D., Agricultural College, Fargo, N. D.

"My SAL-VET is all gone, and as common salt does not begin to take its place, I want you to send me another keg at once. I am sure that \$5.00 worth of SAL-VET saves me \$10.00 worth of feed; all of my sheep, cows, and horses are doing remarkably well. My experience has been that SAL-VET and worms cannot dwell together."  
E. A. BONTRAGER, Fairview, Mich.

## Don't Misunderstand My Offer

Tell me how many head of stock you have, or how many you want to feed. I will ship you enough SAL-VET to last them for 60 days. You to pay the freight charges and feed it according to directions; at the end of 60 days report results. If SAL-VET has not done all I claim—I'll cancel the charge and you will owe me nothing. Fill in the coupon and mail it to me today.

SIDNEY R. FEIL, President  
**THE FEIL MFG. CO., Chemists**  
Dept. FM&B Cleveland Ohio

**FILL OUT THIS COUPON**  
SIDNEY R. FEIL, Pres.  
THE FEIL MFG. CO., Dept. FM&B 1-2-15 Cleveland, Ohio  
Ship me enough SAL-VET to last my stock 60 days. I will pay the freight charge when it arrives, agree to report results promptly in 60 days, and if that time pay for it if it does what you claim. If it does not, you are to cancel the charge.

Name.....  
P. O. ....  
Shipping Sta. ....  
Number of Sheep.....  
Cattle.....  
Horses.....  
State.....

(223)

I will pay the freight charge when it arrives, agree to report results promptly in 60 days, and if that time pay for it if it does what you claim. If it does not, you are to cancel the charge.

**PRICES**

40 lbs.	\$2.25
100 lbs.	5.00
200 lbs.	9.00
300 lbs.	13.00
400 lbs.	17.00
500 lbs.	21.00
600 lbs.	25.00

No orders filled for less than 40 lbs. on sale 60 day trial offer. Never sold in bulk; only in Trade-Marked SAL-VET packages. Shipments for 60 days trial are based on 1 lb. of SAL-VET for each sheep or hog, and 4 lbs. for each horse or head of cattle, as near as we can come without breaking regular sized packages.



**Look for This Label**  
on all SAL-VET packages. Don't be deceived by imitations. Don't buy "Sal" this or "Sal" that. Get the original genuine SAL-VET.