Twenty-Four Pages

The

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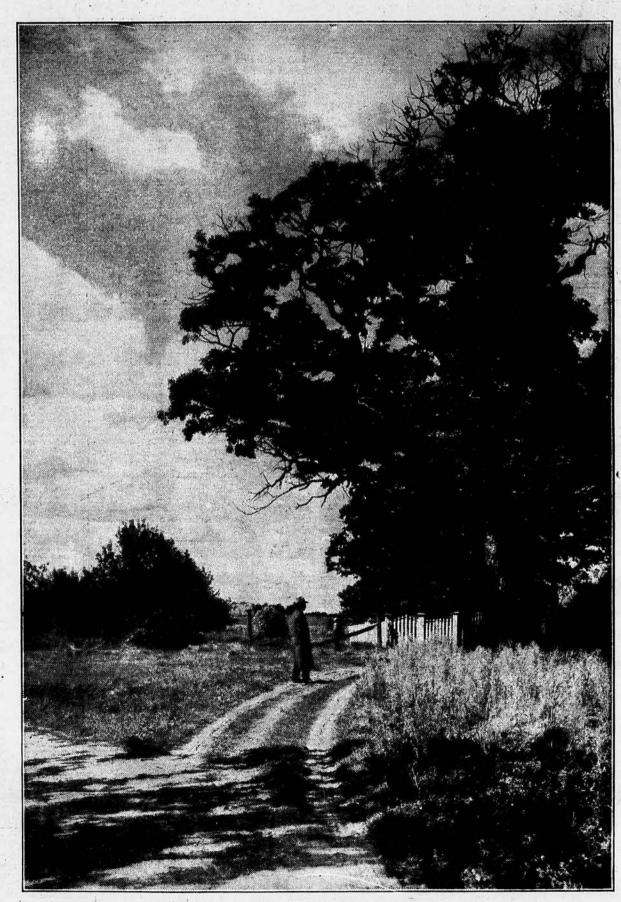
FARMERS MAIL

AND Buy EEZE

Vol. 44.

August 15, 1914

No. 33.



The Homecoming

And the Next Day It Rained

Corn Received Its Needed Baptism After the Crop Correspondents Had Mailed Their Gloomy Post Cards

would have to be sprinkled by handwhen along came Sunday night's rain.

Down came the moisture and up went
the farmers' hopes.

Crop reports from the scene of action are not easy to get during the summer. Farmers are too busy to fill out the cards. Here are reports filed up to Tuesday:

Tuesda Crop reports from the scene of action

Bourbon County—Weather continues dry. Chinch bugs numerous in many places. Crops suffering from lack of moisture and from bugs. Pastures getting short. A good rain would be welcome.—Jay Judah, August 8.

would be Welcome.—Jay Judah, August 8.

Greenwood County—Very little rain since the first week in July. Early corn in fair condition. Late corn, kafir and cane being cut short. Late potatoes no good. Aifaifa, \$10; prairie hay \$6.50.—E. E. Rardon, August 8.

Jefferson County—Corn is in need of a good rain. Wheat threshing is progressing as rapidly as possible. Pastures drying up. Hay meadows have not made much of a second growth. Hay crop good.—Z. G. Jones, August 8.

Jones, August 8.

Harvey County—Weather very hot and dry. Corn is scorching. Pastures getting dry. Plowing difficult on account of ground being dry. Eggs 15c; trade butter 25c; young chickens 13c; potatoes \$1.—H. W. Prouty, August 8.

Cheyenne County—Nice rains and showers the last few weeks. Corn and feed look good. Threshing has begun. The small grain crop was very spotted. Everybody busy putting up feed and hay.—Mrs. J. S. DeLong, August 7.

Mingman County—Dry and hot weather. Wheat about half threshed. Average yield of wheat 22 bushels to the acre. There will not be much corn. Oats poor. Horses slow sale. Wheat running low in price. Hogs \$8.—R. F. Shelman, August 2.

Sc.—A. C. Dannenberg, August 7.

Pottawatomie County—We have the best wheat crop ever raised in the northeastern part of the county. Average yield of wheat is 30 bushels to the acre. Early corn good. Late corn will be cut for feed. Wheat 50c; corn 75c; prairie hay \$10; eggs 15c; hens 10c; springs 15c.—W. H. Washburn, August 7.

ust 7.

Shawnee County—Dry and hot. Wheat nearly all threshed and made from 10 to 40 bushels to the acre. Corn needs rain. Oats making from 10 to 60 bushels to the acre. Third cutting of alfalfa will be short. Plowing for wheat is in progress. Ground is dry and hard. Pastures dry and short. Potatoes 60c.—J. P. Ross, August 8.

Fotawatomic County—Everything is drying up. There will be no corn to speak of on the uplands. It will average 5 bushels to the acre. There was no third crop of alfalfa as the alfalfa did not grow after the second cutting. Potatoes small and few in a hill. Kafir all right yet but the acreage is small.—S. L. Knapp, August 8.

Dickinson County—Hot and dry. No rain to amount to anything for a month. Corn and pastures drying up. Corn cutting and silo filling will begin soon if it continues dry. Ground is hard to plow. Kafir heading. Feterita is making good. Shocks are all threshed and stack threshing has begun. Wheat 68c.—F. M. Lorson, August 9.

Douglas County—Farmers are beginning

Wheat 68c.—F. M. Lorson, August 9.

Douglas County—Farmers are beginning to cut corn and fill silos. Shock threshing is all done. Wheat averaged about 20 bushels. Lots of oats with a fairly good yield. Corn crop very short. Some plowing being done for wheat but ground is very hard and dry. Oats 35c; wheat 72c to 75c; alfalfa \$10 to \$12; prairie hay \$8.—O. L. Cox, August 10.

August 6.

Hamilton County—Lots of rain in the south half of the county. The rest of the county needs rain badly, though crops are doing fine. Not many grasshoppers this year. Some yearling cattle dying with blackleg. Other stock all healthy. Big crops of nearly everything. Lots of corn. Eggs 15c and 18c; prairie hay \$7; alfalfa hay \$5 to \$8.—W. H. Brown, August 8.

Stevens County—Wheat yielding from 20 to 40 bushels to the acre. Spring crops doing fine. White maize and feterita beginning to ripen. Farmers beginning to cut corn. Part of wheat ground ready. Spring calves bringing \$30 each. Grass has been good all summer. Stock have done well and are fat. Plenty of ripe melons. Grapes beginning to ripen.—Monroe Traver, August 7.

Rush County—Some wheat yielding as

T BEGAN to look as if the corn really care of will make 35 to 40 bushels. Potatoes a bumper crop.—J. F. Smith, August 8. OKLAHOMA.

Delaware County—Weather dry and hot. aim would benefit the late corn. Stubble lowing is in progress. A large acreage of theat will be sown. Stock hogs scarce and n demand at good prices. Wheat market unsteady.—Frank Rock, August 7.

Roger Mills County—Weather very hot and dry. No good rains since May. Corn will make about 50 per cent of a crep. Water scarce. No plowing done for wheat yet. Feterita standing the drouth better than maize or kafir. Some hogs being fattened on wheat. There will be much cutton raised.—Hugh Sober. August 1.

Argentine As a Competitor

An Iowa farmer wrote to the department of commerce and labor for all the data that they could give him on the average values of land in Argentina and of farm labor in that country. From the statistics furnished the average cash value of all the land in Argentina upon which the corn that comes in competition with American corn is raised does not exceed \$25 an acre; and a farm laborer does not receive more than 60 cents a day, and he boards himself. When these facts are considered, the fact that we must come in competition with farm products produced by women and children is a very insignificant item.

The Iowa and Illinois farmer must

R. F. Shelman, August 2.

Pawnee County—Still hot and dry. No rain since July 1. Corn crop will be light. What little feterita there is looks fine. Cotton looks good. Oats making 20 to 50 bushels. Hay one-half crop. Pastures dried up.—V. Funkhouser, August 7.

Donlphan County—No rain for four weeks and the corn is beginning to suffer. Almost too dry for wheat plowing. Pastures drying up. A smaller acreage of wheat will be put in this year than for some time. A fair crop of apples is expected.—C. Culp, Jr., August 7.

Brown County—Ground getting was and Illinois farmer must produce his corn, beef, mutton, pork, butter and eggs upon land that averages \$150 an acre, and with hired help at an average of \$1.50 a day. The freight by seaboard on 1 bushel of Argentine beef is not more than one-half of the freight rate on the same products from Iowa to New York. All this must be considered. Even though it may be true that 1 acre Brown County—Ground getting very dry of our land produces more than 1 acre and but little fall plowing done yet. Corn badly damaged but will make some corn. Pastures all gone. Alfalfa hay crops not very good. Fruit scarce. Horses and mules very good. Fruit scarce. Horses and mules cheap. Wheat 70c; corn 74c; oats 35c; hogs 8c.—A. C. Dannenberg, August 7.

Bottample County—We have the best difference in the cost of production and difference in the cost of production and the freight rate is a very important matter to be considered by the American producer. The Iowa farmer, in a letter to Wallace's Farmer, goes on to say, that if the American laborer on one hand, and the capitalist with his money invested in manufacturing on the other, think that the farmer of the Mississippi valley is going to sit meekly mute and permit free trade for the products of the farm and protection for the capitalist and the men that work in his factory, they are very much deceived in the temper and intelligence of the farmer in the Mississippi valley.

This Book Is Worth Reading

A new text book of agriculture has been written by Clarence M. Weed and William E. Riley of the State Normal school in Massachusetts. This book is simply written, and excellently illustrated. The four divisions of the book are vegetable crops, flower crops, fruit crops and farm crops. Under each division, all sorts of valuable information is given in regard to growing different

Correct Dress Is Discussed

"Principles of Correct Dress" is the title of a book of interest to the woman who must plan her own clothes. Chap-ters in it deal with the harmony and appropriateness of dress, costume for the thin woman and for the stout woman, appropriate colors for blondes and brunettes. Color combinations are treated in an interesting and instructive Rush County—Some wheat yielding as is dealt with in another chapter. Jean high as 45 bushels to the acre but the average is about 25 bushels. Quality of wheat is good. Cane is very good. Kafir beginning to head. Milo and feterita the promise a big grain crop. Millet is in the stack and is a heavy crop. Millet is in the stack and is a heavy crop. Wild hay is the best crop in five years. Early planted corn which was well taken and Brothers, New York, and sells for \$1. way. Symmetry and character in hats is dealt with in another chapter. Jean

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ments showed that they were necessary in the manufacture of a silo that would give lasting silo service.

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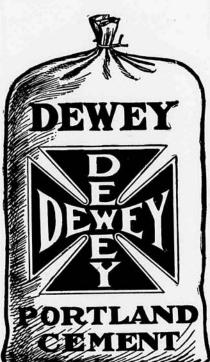
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THE FARMERS MAIL AND BREEZE

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



Volume 44 Number 33

TOPEKA, KANSAS, AUGUST 15, 1914

How Much For a Wife?

If a Water Works System, Costing \$500, Will Lengthen Her Life, Why Not Get One?

NDER ordinary circumstances it is possible to install an efficient waterworks system in any farm house for \$500. Sure-ly the saving in a wife's time and labor are worth the price, without considthe comfort and pleasure these conveniences give you and the rest of the family.

Harry Ploughe, whose farm is near Ozawkie, Kan., pumps water to a reservoir 900 feet from the well and to a maximum elevation of 105 feet above the ground at the well. This system furnishes water to all the

stock on the farm as well as to the house in which are bath room fixtures, a kitchen sink and hot water tank, and laundry fixtures in the basement.

The reservoir is a concrete tank 16 feet in diam-

eter and 14 feet deep with a reinforced concrete top. It is on a hill about 300 feet from the house and barns. The bottom of the tank is 50 feet above the first floor of the house.

An 8-foot back geared steel wheel on a 25 foot

steel tower is connected to a 2½ inch by 14 inch cylinder using a 6-inch to 10-inch stroke.

The plant was installed 17 years ago. Mr. Ploughe did the plumbing himself and the other labor charged in one of the following items was performed by his farm hands on monthly wages:

m names on montemy wakes:	
Reservoir	\$200.00
Bath room fixtures	50.00
600 ft. of 6-inch sewer	75,00
Kitchen sink and soil pipe	15.00
Pump and cylinder	10.00
Pipe and fittings including all pipe	92.00
used both in mains and house Labor on pipes and sewer except my	92.00
own labor	50.00

This does not include the cost of the windmill and tower which would add, probably, \$60 and bring the total cost to \$552.

One cold day last winter I visited the home of a prosperous farmer and stock raiser in the northern part of Kansas. We washed our hands and faces in a tin basin on a bench on the back porch. Later I saw his daughter throw a shawl over her

Later I saw his daughter throw a shawl over her head and walk a hundred feet or more from the kitchen to the pump for a pail of water.

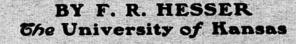
After dinner we visited the barns. There I saw a gasoline engine installed for pumping water for the fine stock my friend had been so successful in raising. There was a concrete water tank in one corner of the barn where the cattle and horses could get to it without going outside in the worst weather get to it without going outside in the worst weather

and where the water would not be covered with ice.

There was a five-passenger touring car in the
garage and the most up-to-date farming machinery. This farmer practiced scientific farming. He told me that he was making money, but I couldn't help remembering that cold wash and his daughter carry-ing water into the house. I began to wonder why there are not more modern sanitary appliances in a great many farm houses. That others have been thinking about the same thing is shown by an article which appeared last winter in a newspaper.

"While the Christmas spirit lingers and New Year's resolutions are on the verge of expression, it would be interesting to know how many well-intentioned men have given thought to the conveniences of the women folk on the farm. There is so little to show in direct returns for the expendi-imposts at a man do in this direction that they are than to his rescue. He offing that appears more arguer.

Women should stand firmly for an improvement



in home conditions. Frequently one well must serve both house and barn, and too often the women must carry water from the well at the barn. A pump near the house is better than this, but there should be running water in the house. That is a simple matter nowadays even on the farm and the gain in convenience to the women folk is beyond estimate."

Almost every farm in the Central States is now equipped with one or more windmills or a gasoline engine for pumping water or generating power. In the majority of cases it would be a very easy matter to make this equipment a part of the water system for the house. Water for household use should be taken from wells if possible, for no matter how clear and sparkling the water of a stream may appear it is always open to any chance of pollution. The ground water may be, and often is, harder, but it is generally far safer than the surface water.

If the surface of the ground around the well slopes at all the well should be located up hill from the house, feed lots or buildings if possible in order to avoid danger from pollution from surface drainage. Any know. dip in the sub-surface strata should also be considered in order to avoid seepage from cessequipped with one or more windmills or a gasoline

be considered in order to avoid seepage from cess-pools or manure piles into the water drawn upon by the well.

by the well.

The dug well is usually the most dangerous from a sanitary viewpoint because so often carelessly constructed. The curb of the well should be 12 inches to 14 inches above the surface of the ground. At the surface there should be a platform of concrete or stone sloping away from the walls of the well to a distance of at least 4 feet. The walls should be so constructed that no water can pass through them without having percolated through 12 feet to 15 feet of clean soil. The cover of the well should be water tight, of concrete, stone or wood. If of wood only shiplap or tongue and groove lumber should be used. Figures 1 and 2 illustrate safe and unsafe methods of building well curbs.

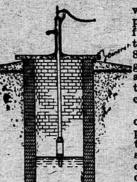
In selecting the power to be used for pumping

In selecting the power to be used for pumping we should consider other uses to which it may be put. If power is wanted for sawing wood, grinding feed or generating electricity a gasoline engine may prove a good investment. Let us suppose, however, that we merely want power sufficient to supply the required amount of water with the minimum expense for repairs and fuel, the least attention, and the most nearly entomatic action. A windmill are the most nearly automatic action. A windmill certainly will fill these requirements.

The size of mill to be used will depend upon the depth and capacity of the well, the elevation to which water is to be pumped, the amount required and the size of suction and delivery pipe to be used, as well as the prevailing wind velocity for any given locality. Any reliable windmill salesman or manufacturer will be glad to help prospective purchasers figure out the items required and the windmill manufacturers issue handbooks and catalogs from which anyone can estimate these things for themselves. I have at hand a half dozen of these handbooks and find that their tables of pipe sizes and friction losses are trustworthy.

With toilet and laundry fixtures in the house we should allow a daily average of 40 gallons a person or a total of 200 gallons a day. For stock watering about 10 gallons a day is a good average allowance, making a total of 300 gallons a day. Twelve inches of water on half an acre is equal to 162,925 gallons or 1,630 gallons a day for 100 pumping days. This brings the total daily consumption to 2,130 gallons a day as the maximum requirement.

To provide for emergencies the capacity of the storage tank should be at least 50 per cent greater than this amount and preferably twice as great. Irrigation should generally be carried on while the



windmill is running to save power and keep the tank full. A galvanized steel tank 8 feet in diameter and 8 feet high will hold 3,000 gallons and is listed at about \$63. A galvanized steel tower for an 8-foot tank costs about \$100. A more economical meth-

costs about \$100.

A more economical method of providing storage and pressure is in placing the tank on top of a concrete silo. Still better, a flat concrete top for the silo can be made the bottom of the tank while the silo walls are extended upward to serve as the walls of the

to serve as the walls of the water tank. Such a tank 14 feet in diameter and 6 feet deep will have a capacity of 6,000 gallons and the additional cost will not be so great as that of a steel tower supporting a steel tank of equal ca-

pacity.

The total cost for the system, exclusive of the house plumbing would be:

To Principal Box	Section with the
Windmill wheel and tower	\$ 74.00
Pump	15.00
Tank and tower	163.00
500 feet of 1%-inch pipe	100,00
500 feet of 1¼-inch pipe	16.00

Total \$368.00

This does not include the cost of labor, but the discount from list prices probably will cover this

The Social Side

By F. B. N. What I object to is the foolish idea that it is not What I object to is the foolish idea that it is not possible to work up a good social life on the farms of Kansas. If the country put the same amount of energy into social life that the average city puts into life, it would not be any trouble to satisfy all the longings for amusements in a perfectly healthy and normal way. Instead, many of the older people on the farms get to the point where they care but little for social life, and in too many cases they discourage the healthy, normal ambitions of their children along this line. This puts a damper on the whole thing, and discourages a right development along social lines which is just and proper in every normal person.

It doesn't take the young people in such a community long to discover that there is a simple solution of the amusement problem, and that is to go to town and mix in the amusements of the people there. That is the beginning of three-fourths of the city movement. No type of life can become great that depends on some other type for its amusements and pleasures. This fact must be faced by country people in Kansas today.

It is essential that the older people shall be the

people in Kansas today.

It is essential that the older people shall be the leaders in the development of the rural social uplift which we shall have to start in Kansas if we hold which we shall have to start in Kansas if we hold the best of the country young people on the farms. They should be behind every movement that promises in every healthy, normal way to make life a little brighter and a little more agreeable for their families. It is the neutral position taken in social matters by a painfully large proportion of Kansas farmers today that is doing just as much as anything else to put steam into the city movement of the younger generation.

I, for one, do not blame country young people for going to the cities if life offers more for them there financially and in real human satisfaction. Most of those who go believe they will get to lead a life that

those who go believe they will get to lead a life that is a little brighter; there is not a very high proportion that go into city life because they think there is more money there. It's a pity these problems which puzzle so many cannot be solved.

DEPARTMENT EDITORS Livestock Editor Turner Wright Field Editor F. B. Richols Farm Doings Harley Harley Harley Markets C. W. Metsker

Entered as second-class matter Feb. 16, 1906, at the postoffic at Topeka, Kansas, under the act of Congress of March 3, 1879

SPECIAL NOTICE TO ADVERTISERS.

Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. We begin to make up the paper on Saturday. An ad cannot be stopped or changed after it is inserted in a page and the rage has been electrotyped. New advertisements can be accepted any time Monday. The earlier orders and advertising copy are in our hands the better service we can give the advertiser.

The Farmers Mail and Breeze

Published Weekly at 8th and Jackson Sts., Topeka, Kan

ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor. CHARLES DILLON, Managing Editor. A. L. NICHOLS and A. G. KITTELL, Associate Editors.

E. W. RANKIN, Advertising Manager.

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PASSING COMMENT—By T. A. McNeal

The Failure of Gold

The banks, or at least a part of them, announced

The banks, or at least a part of them, announced the other day that specie payments would be suspended except in very limited quantities.

Arrangements have been made by the general government to issue to the banks a billion dollars of emergency currency based on such assets as the banks can put up. It was also stated that for each dollar of this emergency currency furnished, the banks would be required to deposit with the United States treasury five cents in gold.

Why the five cents?

Why the five cents?

If it is really needed to redeem the dollar it will take a miracle nearly equal to that of the loaves and fishes to so stretch five cents that it will redeem

one hundred. I do not know whether the people generally will see it or not, but certainly the present situation ought to demonstrate the futility and folly of the gold redemption theory. It ought to be apparent that a money that fails utterly when it is most needed is a poor sort of basis for currency.

Our financial system is an inverted pyramid. At least forty dollars of obligations are backed by a single dollar of gold and when the call for redemption comes even that dollar cannot be found.

There is as much sense in our present system as there would be in building a house ten feet wide at the foundation and four hundred feet across at the top. Any man who would huild such a structure would be at once brought before the probate court and adjudged insane. And yet our supposedly wise financiers insist on retaining our present illogical

system. We can manage to prop our foolishly built financial structure up so long as there is no financial storm, but so soon as the winds of doubt and adversity begin to blow the whole structure begins to totter, and we establish on the spur of the moment a credit system which answers as a makeshift until the storm blows over. Certainly it should become apparent that if a credit money will answer the purpose during the time that public confidence is shaken it will more fully answer the purpose during ordinary times when public confidence is not shaken,

If the government would establish a governmental banking system which would enable the people to have a free interchange of credits there would be no need of financial panics in such times as the

While we divide on matters political of comparatively small importance, we fail to consider this, paratively small importance, we tail to consider this, the most important question of them all; the question of a proper medium of exchange. It has been demonstrated over and over again that prosperity is bound up with this question. When easy exchange of products, manufactured and unmanufactured, is interfered with, distress and hard times are certain to follow. When we forget for the time being the fetich of gold redemption and conduct the business of exchange in a comparatively natural manner times are good, at least comparatively good, manner times are good, at least comparatively good, but necessarily they are only temporary. In fact the better the times the worse the ultimate reaction and the greater the misery that follows.

This is necessarily so, for while the volume of

redemption money increases very slowly the volume of business increases with great rapidity. In other words, we build the top of the superstructure wider and wider without increasing the width of the foundation. This is as certain to bring about dis-

aster as that the night will follow day.

All past experience proves the truth of this conclusion but still we go on with the same old fatuous policy with its alternating periods of feverish un-healthful speculation on the one hand, and gloom, ruin and despair on the other. We learn a little by experience but the education is mighty slow.

Emergency Currency For Bankers

A billion dollars of emergency currency is to be issued at the behest of New York bankers who have speculated in European stocks with the money of their depositors. The leading Democrats opposed with great vehemence the original Aldrich-Vreeland currency bill because it gave the secretary of the treasury too much power and permitted bankers to get currency without, as was claimed, giving adequate security. Now the Description quate security. Now the Democratic leaders have not only revived the Aldrich-Vreeland bill but take away some of the safeguards of the old law.

Under the provisions of this act the banker is permitted to deposit his securities, notes, etc., and receive currency in return. The United States is 4 (1128)

back of the currency and the people who gave the notes to the banks are back of them. The banks get the profit, however. If the personal securities on which the currency is based are good when they are furnished by the banks they are good when signed by the original makers. The currency certainly would be as sound if issued to the people direct from the government as when issued by the government to the banks.

The proposition seems so plain as hardly to need argument. And yet there are many apparently fair minded men who do not seem to understand it. However, a great many people do inderstand this question. The trouble is that they are not certain as to the best means of bringing about what they

Let me suggest this as a preliminary: Organize associations in each school district, not partisan organizations but organizations of all those who are willing to study the question of money. A new party may not be necessary. If you are certain a candidate is honest and with you on the proposition give him your support no matter what he calls himself politically. But be certain that he is the a man you can depend upon to do what

he promises.

There are two great problems to be considered from the economic standpoint. One is the problem of production and the other is the problem of dis-tribution. We need to learn a lot about both before we are in position to pat ourselves on the back.

The problem of distribution divides itself into

two heads: Transportation and a proper and econ-

omical medium of exchange.

The means of transportation and the medium of exchange ought both to belong to the people.

Form your local organizations, study the questions of production and distribution and then bring presume the complete for the lower house. sure to bear on the candidates for the lower house of congress and the senate.

Property Qualification for Voters

Editor The Farmers Mail and Breeze—I have a question I would like to have you answer in your valuable paper. Is it legal for a non-real estate owner to vote on a bond issue? There are many such voters here who pay no tax on the bond for which they have voted.

They are what we call the floating population, here perhaps long enough to vote a burden on the property owner. If this is legal why not remedy it?

There is a law in Texas where a man must pay

There is a law in Texas where a man must pay a poll tax of \$2 which goes to keep up roads, streets and so on, and he also has to show a receipt before he can vote at all. Why not have the same in Kansas?

Pittsburg Kan.

JOHN Q. FOREMAN.

There is no property qualification for voters in Kansas. While there are some plausible arguments in favor of such a qualification I am not in favor

If a property qualification is required at all, to be logical, there should be a graded qualification—that is, the man with much property should be allowed to have more voting power than the man with a small amount of property. Mr. Foreman believes that the man who has to pay no taxes on real estate or other property should not be permitted to vote a tax on the man who owns property and on the same line of reasoning the man who only has to pay taxes on one hundred dollars should not have an taxes on one hundred dollars should not have an equal right to vote bonds with the man who pays taxes on one thousand dollars worth of property; and the man with one thousand dollars worth of property should have only one tenth as much right to vote bonds as the man who has ten thousand dollars worth of taxable property. I hardly believe, however, that Mr. Foreman would be willing to carry his property qualification theory to its logical con-

There are some objections to universal suffrage, but with all its objections I prefer it to a suffrage limited by a property qualification. At one time in the state of Pennsylvania, I believe it was, there was a property qualification. The law required that the voter must be possessed of one hundred dollars worth of property in order to have the right to vote. worth of property in order to have the right to vote. It happened that a certain man in one of the voting precincts was the possessor of a mule valued at something over one hundred dollars. So long as he owned that mule he was a voter. But unfortunately one day during a thunderstorm the mule was killed by lightning and then and there the man was dis-franchised. The question was, who was the voter,

the man or the mule?

It is an error to assume that because a citizen has no taxable property he therefore has no right to say what improvements shall be made or what

taxes shall be levied. It is also an error to suppose that because his name is not on the tax roll he therefore pays no taxes. If he is a laboring man he pays his full share of the taxes just the same as if he was possessed of lands or chattels. If he is the head of a family he must rent a house if he does not own one, and the owner of the property figures the taxes into the rent if possible and generally it is possible.

The merchant who sells this laborer goods also

figures his taxes as part of his expenses and adds it to the price of his goods. The truth is that the man with no taxable property as a rule pays a greater proportion of the taxes than the man who owns taxable property.

I am opposed to a property qualification for suf-frage. If there is to be a qualification at all it should be an educational rather than a property qualifica-

The Horror and Wickedness of It

As I write this the contending forces at Liege are either still murdering each other or possibly there may be a short truce while they bury their dead. A few weeks ago Belgian and German citizens were personally friendly with each other. They had no cause of quarrel and have no real cause today. Yet to satisfy the demands of war-mad monarchs these German and Belgian boys are massed in batallions and regiments, forced to fly at each others' throats and be shot down as if they were no more to be considered than the stray dogs in the street.

At the bidding of their rulers masses of brave German soldiers were hurled against the entrenchments manned by equally brave Belgian recruits and within an hour the plain was strewn thick with the bodies of the dead and those torn by shot and shell but not released from pain by loss of life and consciousness.

Death is at least merciful. The fair haired boy, driven to useless and wicked slaughter whose life has been snuffed out, is at least deaf to the sounds of carnage and freed from pain. But lying side by side with the peaceful dead are the other fair haired boys moaning with pain. Their bodies are torn with cruel, shot. The fever caused by wounds has produced a consuming thirst and they feebly beg for the water they cannot get.

Up in the waters of the cold North sea a naval battle has been reported to be in progress. Great battleships will be sunk and the men fighting bravely against other men who have never done them any harm, filled with the mad, unreasoning lust for slaughter, will die and be swallowed up by the waters

of the sea.

And the question is asked, Why? What great principle is involved over which these young men are fighting like so many demons? None. There is present awful conflict that justification for the

will bear the test of history.

The strife is only beginning. Tomorrow, next week, perhaps, we will read of battles beside which the battle at Liege will sink into comparative insignificance. Men will forget their better natures and become brutal beasts of war, raging with unreasoning hate in their anxiety to slay their brothers. They will be called on to do this in the name of

patriotism, love of country.

Patriotism to what? Patriotism to a form of government that robs them of their birthright, that makes them sweat and bleed and die in order that thrones may be maintained and that ambitions and

jealousies of a few sovereigns may be satisfied.

The present war is a terrific indictment of kings. government has prov The monarchical form of failure. The professedly Christian churches in those lands stand condemned as being either surcharged with hypocrisy or else as being impotent for good. Word comes that one hundred members of the

German parliment have been shot by order of the kaiser. Their offense was that they protested against the war. Because they stood opposed to the horrible slaughter they were accused of treason to the throne and shot to death—or such is the report

They may not have died in vain. Future generations will applaud them as the real lovers of their country who would have saved the Fatherland from ruin. Just now the war-lord triumphs and orders Leibnecht and his hundred associates shot if the news is reliable. But a future generation reading the history of this time dispassionately and impartially will condemn the kaiser and approve of Leibnecht and his associates.

It required great bravery to lift a voice against war at this time in Germany. It meant to incur

the powerful anger of the emperor backed by his army. It meant to incur temporary popular condemnation, for the masses of the people are just now carried away by the passion and excitement

It meant flying in the face of all tradition. It meant that they should be branded as traitors and enemies of their country. It meant great personal danger and probable death. Leibnecht and his associates must have shown as much courage as the bravest soldier who ever risked his life on field

But the time will come when the land of Ger many will be filled with weeping for the dead and then the fatherless orphans, the desolate widows, the mothers mourning for their fair haired boys they will never see again will call down anathemas on the rulers who brought on this war.

Giving Away Public Property

Last week a bill was championed by the leading Democrats of the South which if it had passed as drawn would have resulted in handing over to privately controlled corporations all the vast water powers of our navigable streams which are now under control of the government.

It has been estimated that the water power of these rivers if developed would be sufficient to turn every spindle in every manufacturing plant in the United States, furnish power in addition to electrify every railroad and pull its trains and in addition light the streets of every city and town and furnish motive power for every street car system between the Atlantic and the Pacific.

All this vast heritage was proposed to be given away by the Adamson bill and that too without any compensation to the people or provision for check on the rapacity of the corporations having control. The provisions of the bill also would have made it nearly impossible for the people ever to have regained control of their property except on the terms that the corporations might have fixed.

Now this seems remarkable in view of past experience. More than half a century ago the question of building roads across the plains and deserts and mountain ranges between the Atlantic and Pacific oceans began to be agitated. At that time the thought that the people might build and own their own railroads had occurred to the minds of years few people. very few people.

It was the general, almost the universal sentiment at that time that railroads must be built by private capital if built at all and controlled by private management after they were built. Indeed, the almost solitary exceptions to this general belief were regarded as crack-brained visionaries whose proper places were in asylums for the insane.

But to build a road from the Mississippi to the Pacific coast through a wild, uninhabited country, that is uninhabited except by savages and a few wandering hunters almost as uncivilized as the Indians with whom they lived, seemed to be such a stupendous undertaking and so likely to be a fin-ancial failure that private capital could not be in-duced to undertake it without some great induce-ment beyond the possible revenues of the road itself.

It was therefore decided that the government should donate to the corporation that would undertake the vast and perilous enterprise vast tracts of land. At that time the people foolishly imagined that the public lands were inexhaustible in quantity anyway. It was further agreed that the government should put its credit behind the bonds that must be issued to get the money necessary to build the transcontinental road. In pursuance of this policy this government gave away enough land to make a vast empire.

Personally I have no criticism to make of that policy as conditions then were. It seemed then to be the wise thing to do. The men who planned and carried to success the great enterprise of building the first transcontinental line are in my judgment entitled to great credit. Neither in my judgment was the government to be criticised for making the land grants. In the light they had then it certainly seemed like the best thing to do.

We know now that the government could have built the transcontinental line of road and that the proceeds of the lands that were given away would many years ago have paid every dollar of the cost of building the line. The people would now own the line and be ahead the amount of the great value of The same thing is true of other transcontinental lines that received land grant sub-But few realized that fifty-five years ago.

But there is no such excuse now for giving away the water powers that belong to the people. We know now that the government can develop these water powers and save to the people untold millions.
To give this vast heritage of the people away to
privately owned corporations now would be a crime and any congressman of any party who favors such

a gift should be relegated to private life. In connection with this giving away of natural resources the following story is appropriate:

It is related that a certain eastern potentate fell into the impecunious condition common to many of his predecessors and all of his successors, and set his wits to work to devise a remedy. A farmer of imposts who had often aided, him in this dilemma came to his rescue. He offered him 60,000 tomans for all the wind that should ever blow over Cashmere. The monarch at first affected to be staggered at the proposition. He was unable to find anything in precedents to warrant it; but, although a be-

Hever in the doctrine that whatever is is right, he was forced to admit that a menarchy may introduce useful innovations. Of course it was assumed that he was the supreme owner and disposer of all things in his dominions, not only for his own brief, erratic span of life, but for all time, and so he came to the conclusion that as everything in the world had been sold which could be sold there was no good reason why the winds, unstable though they might be, should be exempted if a purchaser could be found. After a proper amount of preliminary haggling a sale was made and the transaction legalized by all that signatures, seals, and parchment could do for it.

Before the public had fairly got over laughing at the absurdity of this novel bargain the owner of the wind issued a proclama contributing all persons in Cashmere transactions, propel their vessels, or employ the sum of the country of the wind issued a proclama on the wind to turn their windmills, winner with corn, propel their vessels, or employ the country of the privilege. Then the laughing at the forthe various localities, covenanting to pay certain amounts for the privilege. Then the laughing the circumstances. He could not, of course, forcesse all that had occurred, but his sacred word was involved. Rulers of that type are usually very particular about their sacred word. Driven to despore the circumstances. He could not, of course, forcesse all that had occurred, but his sacred word was involved. Rulers of that type are usually very particular about their sacred word. Driven to despore the circumstances, He could not, of course, forcesse all that had occurred, but his sacred word was involved. Rulers of that type are usually very particular about their sacred word. Driven to despore the circumstances, He could not, of course, forcesse all that had occurred, but his sacred word was involved. Rulers of that type are usually very particular about their sacred word. Driven to despone the circumstances of the wind, of the him and the count that had been paid

Some of Mr. Rork's Views

Editor The Farmers Mail and Breeze—The old party made a few millionaires, by giving a few men control of what all men must have. The millionaires who built mansions on Knob Hill, San Francisco, were common merchants of Sacramento, made rich by copying the methods of Englishmen in constructing the Illinois Central railroad. We have petted the railroads, until like the man who petted a lion's cub, we have awakened to find ourselves in our pet's mouth; but Governor Stubbs must not dream the people will ever buy freedom from the mouth of the railroad for the sake of entering the mouth of the banker—there is no need of it.

I am in Pittsburg, I have talked with Democrats

entering the mouth of the banker—there is no need of it.

I am in Pittsburg. I have talked with Democrats Republicans, Moosers, Socialists and business men. Every man believes in the following platform:

Congress shall coin legal tender and use it
(1) To pay off all its debts and to cash all its current expenses, including the construction of roads and canals which it shall operate at cost.

(2) By giving banks the control of our money the government forces every farmer, every laborer and every trader at a store to pay from 5 to 50 rates of taxes whether they owe or own a cent or not, to pay banks interest on what they owe us. To abolish this, the government shall let states, counties and cities have money on their bonds for 50 years. We have the collateral. If bankers can get money on our bonds without interest, the neonle want to know why they cannot get money on their own bonds without interest, especially as no man can name the time or place when a legal tender stamp on paper or leather or iron would not release a debtor from as much debt as the same stamp on gold?—

(3) The government shall lend money on farms,

debtor from as much debt as the same stamp on gold.

(3) The government shall lend money on farms, insured property and insured lives at 2 per cent.

(4) By separating them from the land, the government has forced 40 million men, women and children to starve or steal or beg of work for 25 per cent of their product. To abolish this, the government shall use legal tender to help the unemployed, and all who wish to join in the enterprise of draining, irrigating, leasing and fitting up cooperative lands with homes, shops and schools where they will be free to work without being legally robbed of their rights by enforced idleness, wages, interest, rent or profits.

When the "Big Crops" are all in millions will be without freedom to work and the whole country will be groaning beneath its bonds and 5 to 50 rates of interest.

In many places the people are getting ready to organize along this line. Will you kindly publish this, that friends may help and foes tell where we are wrong?

Pittsburg, Kan.

M. V. RORK.

are wrong? Pittsburg, Kan. M. V. RORK.

The Automobile Law

Editor The Farmers Mail and Breeze—The following clipping was taken from last week's edition of the Nebraska Farmer. I do not believe that the figures given therein are correct. Will you please give the readers of your moral and agricultural guide the correct figures concerning this Kansas automobile law?

WALTER E. WILSON.

The following is the clipping referred to:

To The Nebraska Farmer—In a recent issue of the St. Joseph News-Press I noticed an article giv-ing the amount of money collected in Kansas from

motor car licenses. The article stated that all of this money was used to improve the roads, but the statement shows that \$182,400 was collected and \$154,300 of that amount was paid to the authorities for collecting it, leaving \$19,100-for improving the roads. Now there is something wrong. Is there graft connected with it, or is it highway robbery? Why not assess the motor car owners for the amount of their tax, collect it at the county treasurer's office, and thus save \$164,300 for the roads? Webster County Webster County.

If the statements which Mr. Webber says were made in the News-Press were true it would indeed

be a case of most outrageous graft, but they are the exact opposite of the truth.

The records of the secretary of state's office show that there was collected last year, for license fees on motor vehicles in the state of Kansas, \$201,947.50. When the law was passed it was estimated, judging from the experience of other states that have such a law, that it would require 15 per cent of the amount collected to pay the cost of administering the law and that amount was provided for.

The secretary has however, managed to administer the law at a cost of 7 per cent and in that respect has made a better record than has been made in any other state in the Union.

Under the law the secretary was entitled to \$33,631.75 for expenses in administering the law. The actual expenses incurred by him were as follows:

Tags \$4,42 Postage 4,40 Labor 6,28 Miscellaneous expense 1,52	7.88
Labor	8.77

Total expense\$15,597.53

Turned into the general fund of the state treasury \$18,034.22. In addition to this the secretary turned into the general fund as fees for transfer of licenses, extra dealers' tags, lost tags, etc., \$1,-780.50 making a total turned into the state treasury

which he might have spent, \$19,814.72.

As the law fixed the amount that should be turned into the road funds of the counties from each license this \$19,814.72 could not be turned into the road fund but was turned into the general state funds and of course helped to that amount to pay the running expenses of the state. In view of this record the legislature next year should reduce the fees

for expenses and add that amount to the road fund.
As it is, the exact amount distributed among the various counties for road building purposes during the year was \$168,315.75. Next year it will hardly be less than \$200,000 and in all probability will exceed that amount.

The West's War on Vice

Following Kansas City, Tacoma, San Francisco, Iowa and other western states and cities, Chicago lows and other western states and cities, Unicago will wipe out its notorious vice wards and quit licensing prostitution. It will abandon totally the segregation policy by which white slavery has been legalized and tolerated in nearly every big town and city in the United States, until lately.

When the West's largest city, the fourth largest city in the world, ends its lifelong partnership with commercialized vice, one of the world's greatest sink-boles of injustiv will disappear and one of the great-

holes of iniquity will disappear and one of the great-est strongholds of the white slave traffic in America

be annihilated. Chicago's action is not the result of a spasm of reform. It is based on repeated investigations by differently constituted commissions which have tacked the problem from all of its sides. One of the commissions was a skeptical body of aldermen, "practical" politicians, acquainted with the seamy side of life in a great city. These men had no "high-flown" ideas about moral standards, but like all the commissions which had preceded them or came after, they reported strongly against the old criminal policy of legalized toleration of the social evil, the ancient fine system and a segregated vice district.

Mayor Harrison was hard to convince. Then came the usual disclosures that crooked politics in Chicago was promoting the traffic in women and girls for the was promoting the traine in women and girls for the graft there was in it. This graft-promotion will be found wherever there is a vice district. Now Mayor Harrison is reported as saying: "My ideas of the vice question have been wrong. I have no hesitation now in subscribing to the general indictment of the segregation plan. Commercialized vice is a crime and segregation plan. Commercialized vice is a crime and the only remedy is repression. The city caunot go into partnership with such a business."

He was speaking then as mayor. Speaking as a father and a man he could enter a much stronger indictment. A short time ago Dr. Charles W. Eliot declared that alcohol and the social evil are the greatest dangers to the race. He referred to facts uncovered by vice investigations recently conducted by the states of New York and Massachusetts.

We know even in cleaner Kansas that the licensed redlight district and the licensed saloon are the great destroyers of human life and happiness. We have rid ourselves of the one. We should now exterminate the other. There can be no compromise, no segregation—nothing but complete extermination. No self-respecting Kansas town or community should No self-respecting Kansas town or community should tolerate this infamy. Furthermore, no Kansas town which wishes to win the trade and confidence of its farmer friends will permit white slave dens to

victimize, prey upon, or gather in the best of the farm's products—the country boy and girl.

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other manufacturers—they would still be superior to any other plow on the market—but when you add to their many other advantages that of Acme Guaranteed Shares, you will agree with us that the equal of the Best Ever has never been produced.

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Small Cheer For Haymakers

The Crop Is There But the Market's Low

BY HARLEY HATCH

AY prices broke all to pieces in Kansas City this week. The price that about right. If you have clean grass could now be paid here on a shipsel seed set at one-half bushel of flax and ping basis will hardly pay for the work and cost of the standing grass. Large receipts broke the price but even at grows at all; if it does not grow all that receipts would have been much you could put on would make the matship been able to get cars. Much of the ship been able to get cars. Much of the hay from this neighborhood is shipped from a switch on the Missouri Pacific and only one empty car has been set off on this switch for the last week. Cars can be had at Gridley on the Santa Fe but that is eight miles away, which makes a long haul.

ing choice.

along pretty well but now, when all the hay is baled from the windrow, it takes eight men if the hay is kept hauled out of the field. But if it requires more amount of hay put up so matters are even in the end, but it makes a scarcity of help right at the time.

of help right at the time.

Hay hands make good wages when the weather is such that no stoppages have to be made. All hay hands are now paid by the ton, the feeder getting from 25 to 30 cents for each ton baled and the man who ties the wire gets the same. The man who sweeps in the hay has to furnish a team but he has a lighter job himself. For sweeping in 35 cents a ton is paid. Wire to bale this costs about 35 cents. The cost of baling when the baler sweeps in the hay is \$1.85 a ton; the man who owns the baler gets the difference between this cost and receipt for the use of his horses and the baler. Most men who use horsenower have two two wages when the bear gets and the seen for several years. We prefer to give it a top dressing the year before plowing it up; then it raises fine corn. We have no seed for sale having sold our whole crop and we do not know of any neighbor who has any to sell. All sold early this year because during the prefer to give it a top dressing the year before plowing it up; then it raises fine corn. We have no seed for sale having sold our whole crop and we do not know of any neighbor who has any to sell. All sold early this year because during the prefer to give it a top dressing the year before plowing it up; then it raises fine corn. We have no seed for sale having sold our whole crop and we do not know of any neighbor who has any to sell. All sold early this year because during the fail in the prefer to give it a top dressing the year before plowing it up; then it raises fine corn. We have no seed for sale having sold our whole crop and we do not know of any neighbor who has any to sell. All sold early this year because further to give it a top dressing the year before plowing it up; then it raises fine corn. We have no seed for sale having sold our whole crop and we do not know of any neighbor who has any to sell. All sold early this year because further to give it a top dressing the year. horses and the baler. Most men who use horsepower have two teams and make a change often if the weather is hot. About 12 tons a day is a good average

About 12 tons a day is a good average for a horse power baler.

This agrees with our experience in farming sandy land which blows. Many times our corn ground has blown badly as late as June 15 while farming in the sand and while it injured the corn what was left would stand more dry weather than any other land on the farm. The act of blowing seems to put the soil in such shape that it can stand an almost unlimited amount of dry weather. While it is not pleasant to farm such sandy land there are many good features about it, after all. The horse power required to farm sandy land is about 50 per cent less than that required to handle heavy land. Two horses will do in the sand what it takes three to do on heavier land.

On the other hand, if the digestive organs have been upset by wrong food, work becomes drudgery.

"Until recently," writes a Washington girl, "I was a railroad stenographer, which means full work every day.

"Like many other girls alone in a large city, I lived at a boarding house. For breakfast it was mush, greasy meat, soggy cakes, black coffee, etc.

"After a few months of this diet I used to feel sleepy and heavy in the mornings. My work seemed a terrible effort, and I thought the work was to blame—too arduous.

"At home I had heard my father speak of a young fellow who went long distances in the cold on Grape-Nuts and cream and nothing more for breakfast.

"I concluded if it would tide him over a morning's heavy work, it might help me, so on my way home one night I to do on heavier land.

Our note two weeks ago about English bluegrass seems to have been read by a great many who wish to give the grass a trial and they have written asking many questions about how the crop is grown. We have written about asking many questions about how the crop is grown. We have written about this so many times that if we say anything more it will be only a repetition but at the risk of that we will answer the questions asked. Briefly, English bluegrass should be sown in Kansas in the fall just before early wheat sowing time, say about the first of September. The ground should be fitted as if you were going to sow wheat except that one extra harrowing will be needed. Then sow with a press drill at the rate of 10 to 12 pounds to the acre. Our drill

This English bluegrass is not a hay grass but if mowed for hay it makes a very good crop especially if mixed with red clover. If the grass is wanted for pasture it should be sown in the fall and then the next spring about three pounds of red clover should be sown to the acre on it. The profitable life of this grass is from 3 to 4 years on most For ten days we have had fine hay weather. The sun has not shone very brightly much of the time but foough to cure hay with the very finest color. Only one day of the ten was extremely hot and that one, it seemed to us, was about the hardest to work in we ever saw.

The prairie hay on this farm made just one ton to the acre of good quality, hay that would grade good No. 1. A neighbor who hayed just before we did managed to get hold of one empty car and shipped a load in to Kansas City. It arrived there before the fall in prices and sold for \$12 a ton, grading choice.

The yield of seed of English blue.

The yield of seed of English blue-grass has, with us, run from 3 to 22 bushels an acre. The 3 bushels were re-It is very difficult to get help here now as everyone is haying and each haying crew requires many hands. In this it is different from former times when all the hay was put in the stack. Then acre. The best returns we ever got three men could keep the work moving from this crop were \$25.50 an acre for acre. The best returns we ever got from this crop were \$25.50 an acre for the whole acreage; this was in a year hay is baled from the windrow, it takes when the yield was only 8 bushels but eight men if the hay is kept hauled out when the yield was only 8 bushels but of the field. But if it requires more men, there is more than a corresponding when plowed up, raises very good corn men, there is more than a corresponding for at least two years and the improvement of hey put up so matters are ment resulting from having the land in grass can be seen for several years. We

enjoy work.
On the other hand, if the digestive organs have been upset by wrong food,

me, so on my way home one night I bought a package and next morning I had Grape-Nuts and milk for breakfast. "I stuck to Grape-Nuts, and in less than two weeks I noticed improvement. I remember I used to walk the 12 blocks to business and knew how good it was

Better Build a Silo You'd

Why Not Provide Against a Possible Future Shortage?

BY TURNER WRIGHT Live Stock Editor

THE silo will prove a profitable investment for Kansas farmers this year. The time to provide for a season of feed shortage is when there is an abundant supply. Crop conditions indicate that a large amount of coarse roughage such as corn, kafir, milo, and feterita stover will be harvestd in the fall. If this roughage is cured in the shock and left in the fields exposed to the weather a large per cent cured in the shock and left in the fields exposed to the weather a large per cent of its feeding value will be lost through waste and deterioration before it can be fed. That which is left in the fields at the time the spring work starts probably will be burned as it will have little value as a feed after it has been exposed to the spring rains. The best way to prevent this waste and utilize this coarse feed is to store

and utilize this coarse feed is to store the silo. This is the cheapest method of storage we have for this class of feed. If it is made into silage not more than 3 to 5 per cent of its feeding value will be lost through ferfeeding value will be lost through fer-mentation, a cheap, succulent winter feed will be provided in the place of a more costly, dry, unpalatable one; and the labor required for the winter feed-ing will be reduced. It is just as much a matter of thrift to build a silo for the storage of the roughage as it is to build granaries and bins for the storage of the grain.

Sour and insipid. Such a silage is less palatable than one that contains less acid.

raised. Not one pound should be burned. Some dry roughage always should be fed with silage. Straw is a very acceptable feed for this purpose, and should be used if some concentrated feed such as cottonseed meal or linseed meal is fed to furnish the growth producing materials needed. Handling more livestock and thus utilizing all the rough feed produced will result in more prosperous and happier farm communities.

The silo not only furnishes a succu
Tity water pressure is not avail-

dry and parched. Experiments conducted at the Illinois Experiment station showed that a combination of silage and pasture proved more profitable for the summer feeding of beef breeding cattle than either silage or of the silo should be wet before it is pasture alone. Somewhat similar experiments conducted at the Wisconsin periments conducted at the Wisconsin station showed that silage was more profitable than soiling crops whem fed, to dairy cows, to supplement the summer pasture. The labor required for making and feeding the silage was less than that required for cutting and feeding the soiling crops. The pastures usually are poor in those years when the rainfall is below normal. Soiling crops also are scant in yield, or fail entirely in such years. The silo can be filled when there is an abundance of feed and if the silage is made properly and not exposed to the air it will keep for several years. The carrying over of feed from one year to another the should be taken not to add too much water to immature forage that has been cut on account of drouth. While this forage appears dry and burned the stalks still contain considerable sap and if too much water is added a sappy silage will be the result. The silage should be cut in ½-inch lengths. From 1 to 3 good men should be put in the silage. These men should keep busy. If the silage distributor is not used most of the tramping should be done around the edge but if the distributor is used one part should be tramped as much as any other part.

(Continued on Page 9.) periments conducted at the Wisconsin station showed that silage was more profitable than soiling crops when fed, over of feed from one year to another

produce the right amount of fermenta-tion make the best silage. Plants that have hollow stems do not pack well in the silo and for that reason are not desirable for silage. Alfalfa, clever, and cowpeas have been put in the silo but the silage produced has not been of the best quality. It is a better practice to cure these legumes for hay and use the hay as the dry feed in con-nection with silage made from some

other crop.

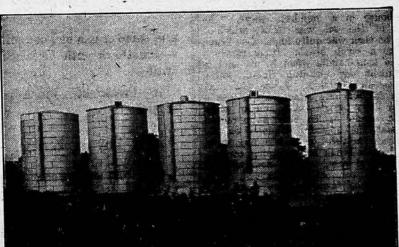
The best time to cut corn for silage is when the kernels begin to glaze and dent and when the lower blades begin to dry. The plant at this stage of growth contains about enough water to make it pack well and about the right amount of sugar to produce the proper fermentation. Corn that is cut too green contains too much sugar and for that reason makes a silage that is too

Silos Prevent Waste.

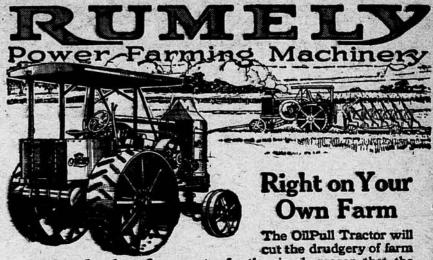
Another advantage of the silo is it furnishes a feed that can be used as a means of preventing the waste of thousands of tons of straw produced on Kansas farms every year. All the straw grown in Kansas this year should be cut before frost if postraw grown in Kansas this year should be cut before frost if postration in Kansas this year should be cut before frost if postration in Kansas this year should be cut before frost if postration. Not one pound should be burned. Some dry roughage always should be cut and put in the silo immediately after a heavy frost.

The silo not only furnishes a succu- it will be distributed with the silage lent winter feed but it also provides a better. If water pressure is not availfeed for summer when the pastures are able the water can be conveyed to the

Care should be taken not to add too



35,600 for the silage in these five siles (179 tons each). W. P. Payne, Watonga, Okla., gets this in cash and never touches the sliage.



work and reduce farm costs, for the simple reason that the OilPull is a year 'round proposition. It saves money plowing, harvesting, threshing, hauling, drilling and at other power jobs.

15-30 and 30-60 Horsepower

The OilPull burns cheap kerosene or distillate at all loads, at any kind of work. It is throttle governed—there is no fuel waste, the power is steady and uniform.

The OilPull is oil-cooled—no danger of radiator freezing. It is easy to operate—any intelligent person can run it after a little instruction. The 15-30 has two speeds for road work.

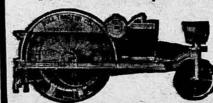
Ask for OilPull catalog DA1 You'll find it interesting. The GasPullis aleadering asoline tractors. There are no better stationary engines than the Rumely-Falk for kerosene and the Rumely-Olds for gasoline. EveryRumely machine is backed by Rumely service—49 branches, 11000 dealers. **RUMELY LINES**

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Why Make Work So Hard?

Readers of the Farmers Mail and Breeze Talk About Some of the Things They Have Found Important in Running the Farm

WHILE I do not have in my house what is generally considered a water system I have something that I consider better and much cheaper, as it seldom gets out of order and never floods the house with water from frozen pipes. My house and barns are about 60 yards apart. About a third of the way from house and barns are about 60 yards apart. About a third of the way from the house is a well with a very weak supply of water; so I spouted one side of my barn and ran the water into this well by means of tile laid under ground. This water coming from the barn does not have that sooty taste and appearance that water from a house roof usually has. I placed a concrete top over this well, making it mouse, rat and dust proof.

Then I put a pitcher pump in the

Then I put a pitcher pump in the kitchen and ran a 1½-inch pipe from the pump to the bottom of the well, laying it far enough under ground that it would not freeze. By this arrangement the water is always cool, as it comes from the bottom of the well. The pump is about two feet from the kitchen stove, and is set at the end of a porcelain sink, which can be used for holding water bucket, washing dishes, or any-thing else the housewife desires. This arrangement cost me about \$20.

Not many farmers in this county own automobiles, but nearly all have all kinds of household conveniences. For myself, I would not give a spirited, well matched pair of horses and a carriage for any automobile that ever went well matched pair of horses and a carriage for any automobile that ever went down the pike. After getting our finances in shape so the man holding the mortgage could not deprive us of our home these conveniences were put on the farm: Chicken house with concrete floor, rat proof; concrete feeding floor for hogs; concrete walk from front door to front gate: smoke house and cellar: to front gate; smoke house and cellar; concrete cellar steps; woven wire fence around dooryard to keep the pigs out and the children in; telephone and R. F. D.; and last but not least, a Blaugas form house lighting system with six D.; and last but not least, a Blaugas farm house lighting system with six lights downstairs and two upstairs, a two-burner gas stove and a gas smoothing iron attached. This uses artificial gas, is non-explosive, and will not asphyxiate. This plant cost \$130 to install, and the three months it has been in use it has cost us 50 cents a week in use it has cost us 50 cents a week to run it. Albert Cuthbertson. to run it. Alb R. 1, Girard, Kan.

Let the Boys Carry the Slops

A woman I knew was strong and healthy. She thought to increase the family resources by acting as her husband's hired man. An operation which was the result cost double what she had "earned." There are many such ex-

tremes.

The medium cases among the women who do outdoor work are those who do the milking, separating, feeding the hogs and gardening. When they fall ill or age prematurely they wonder why. A woman is not constructed physically as strong as a man and she is injured by strong as a man and she is injured by heavy work, though it may perhaps not heavy work, though it may perhaps not be noticed for years. A 10-year-old boy is better able to carry heavy pails than is better able to carry heavy pails than woman, and hundreds of boys are going down when putting the baby to is better able to carry heavy pails than a woman, and hundreds of boys are going to waste in the cities simply because deluded women are doing hard work, thinking to save their families a few

things a girl can learn only from her mother? Or is she too tired and cross previous year, but the housework was to be a companion to the child? More not attended to as I should have liked. farmers is farm homes—farm homes that likely such a woman's children find her I knew my health demanded first at-



too busy to answer vital questions and hence take their perplexities by chance to evil-minded older playmates whose perverted ideas often work harm. Has she strength left to produce the many pleasant evenings and Sabbaths so essential to a home?

To keep up her health a woman must have a large amount of outdoor work, but it should be light and interesting, perhaps even lucrative, yet not injuri-ous. In the future she will find her mission nearer fulfillment if she has conserved her strength and used the time spared from real duties in improving her mind, keeping up with the world and her purely feminine accomplishments. Most families enjoy a mother who can talk on something beside the price of eggs and cream and how the last batch of bread turned out.

Mrs. L. A. Oeser.

~R. 1, Claflin, Kan.

Common Sense a Good Remedy

How often I think of the days when I was a farmer's wife and the mother of several children. How weary and homeseveral children. How weary and home-sick I used to be! Many times I would be too tired at night to eat my supper, which was always late, as my husband worked early and late on our farm (wild prairie). But we were happy, and planned wonderful things.

ing down when putting the baby to sleep. I would often drop off to sleep in a few moments, and a fifteen minutes' nap would revive me wonderfully.

dollars.

A woman injures her family and harms her home by impairing her health. "A woman's health is her husband's health," and the better she takes care of that the more she aids him.

The woman spoken of in the Mail and Breeze a few weeks ago who keeps her daughter in school and helps with the money problem is doing well, but is she doing the best? Has she time to teach her child home love, and the many things a girl can learn only from her

utes' nap would revive me wonderfully.

One spring when I felt something to rubber dryer on one side, and an extra extracted to reach the upstairs windows on the outside. The third brush is a long, wide, stiff bristle brush for sweeping carpets, portiers and rugs, and for cleaning wall to reach the upstairs windows on the outside. The third brush is a long, wide, stiff bristle brush for sweeping carpets, portiers and rugs, and for cleaning wall to reach the upstairs windows on the outside. The third brush is a long, wide, stiff bristle brush for sweeping carpets, portiers and rugs, and for cleaning wall to reach the upstairs windows. It has a rubber dryer on one side, and an extracted to reach the upstairs windows on the outside. The third brush is a long, wide, stiff bristle brush for sweeping carpets, portiers and rugs, and for cleaning wall to reach the upstairs windows on the outside. The third brush is a long, wide, stiff bristle brush for sweeping carpets, portiers and rugs, and for cleaning wall to reach the upstairs windows. They were the first ones brought into the neighborhood. They were fine, thrifty chickens, and I believed to reach the upstairs windows on the outside. The third brush is a long, wide, stiff bristle brush for sweeping carpets, portiers and rugs, and for cleaning wall to reach the upstairs windows on the outside. The third brush is a long windows.

tention, so I could do my duty to my family. A woman can attend to bees, the raising of new varieties of potatoes, or fruit, or flowers. I trust this suggestion may help some discouraged mother.

Mrs. Viola Griblin.

Men Like Their Bath Water

Take a salt barrel and a 5-gallon paint can and put together after the plan of a fireless cooker. Put several thicknesses of papers on the bottom of barrel. Slip the paint can into a gunny sack and set in place in center of barrel. Turn the sack into the mouth of can and fill in between the sack and barrel with fine hay from the floor or the hay mow. Pack and pound the hay down as solid.

Or year. Ten acres of corn or kafir or can put into a silo this year and held over for two years will be worth a lot of money in a dry year. If next year of money in a dry year and held over for two years will be worth a lot of money in a dry year. If next year of should bring a good crop for a silo and if the farmer has only enough stock for one silo, that one could be filled again and he could feed first from the lesson of storing up against a bad year?

Save enough wheat now for the 1915 seeding and put up enough silage for Pack and pound the hay down as solid as possible, and fill in to the top of barrel with an old comforter; then draw back the sack and tack to the edge of barrel. Monday morning when the wash boiler is on the stove fill a 5-gallon can with boiling water and set in the bar-rel. Fasten the lid down tight, pad rel. Fasten the lid down tight, pad over the top with an old quilt or a feather pillow, and put the lid of barrel on top. The water will keep warm for several dishwashings. Toward the last of the week I again fill the can and have bath water always ready, and welcomed by the men folks.

Mrs. J. E. Cunningham.

Fullerton, Neb.

Plenty of Water in House

It is more than three years since we It is more than three years since we put a water system in our farm house. Ours is a gravity system. The pump is run by a windmill; the storage tank is upstairs in the bath room. This gives plenty of pressure and does not freeze in winter. The hot water range boiler is in a corner of the pantry. It is connected to the range in the kitchen by pipes through the wall. We have a sink in the kitchen, and a lavatory in a small room next to the dining room, a small room next to the dining room, where the hired help get ready for

meals.

In the yard is a hydrant, which is very useful. All of the water for the livestock is pumped through the house, so we get fresh water all the time. The house is lighted with acetylene gas; the generator is in a cave 50 feet from the house. All outside doors and windows have metallic weather strips. We have a one-horse power gas engine to run washing machine and wringer; it can also be attached to the pump. We also have a five-passenger automobile which we have had for three years. There are many other such homes in the neighborhood.

Mrs. Dan White.

Lewis, Kan.

Housework May Be Easier

I received more than my money's worth when I bought a trio of brushes, all of which can be attached to the same handle and used in any room of the house in a hundred ways. The price of the set was \$2.25, which I thought then was quite high. One brush is like a scrub brush. It is fastened on the long handle when in use and is on the long handle when in use and is convenient for cleaning floors, walls, ceilings and porches. I use the next brush for washing windows. It has a rubber dryer on one side, and an extra length handle which may be attached

tive; farm homes that are situated in as pleasant and attractive surroundings as any that can be found in either the East or West. It may not be profitable to lift water 100 feet to irrigate alfalfa and wheat hut it will pay to numb and wheat, but it will pay to pump water to irrigate and beautify a few acres around the home.

W. M. Jardine.

Kansas Agricultural College.

Build a Silo This Year

Kansas has built 9,000 or 10,000 silos in five years. Last year with little corn and sorghum to put into silos, more than 1,000 were built. Probably 500 pit silos were built in western Kansas. This year, with a prospect for a big corn and sorghum crop, there seems to be a "let up" in silo building. This is the very time to build more silos, extra silos. Build for next year, for a possible dry year. Ten acres of corn or kafir or cane put into a silo this year and held

seeding and put up enough silage for two years. The western Kansas farmer with one pit silo can well afford to put down two more and buy calves and young stuff and carry over for next year. Silage is the finest supplement for dry summer pastures available to the Kansas farmer. The Kansas Agricultural college, extension division, will help you if you ask.

Farmers Are to Meet

The opening address of the Farmers' The opening address of the Farmers' convention, meeting in Kansas City, Kan., August 17-19, will be delivered by J. A. Everitt, president of the Farmers Society of Equity. Mr. Everitt will discuss the whole matter of marketing crops from both the producers' and the consumers' viewpoint and will suggest a plan or system of marketing crops economically, profitably and quickly.

economically, profitably and quickly.

The purpose of this convention is to consider the problems, federate the farmers, and organize a national clearing house for farm produce.

We Do the Cooking

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Save time and energy-

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Toasties are sweet, crisp bits of Indian corn perfectly cooked and toasted-

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Sand-Where Does It Grow? Horse Power hat shorse

These Children Hear a Lecture on the Subject

BY W. CLEMENT MOORE



THE Meltons were spending the had been a deeply interested listener to summer at the seashore. Uncle Robert Gray, Mrs. Melton's brother, had come with them and many were the happy times which he and the two children, Frank and May, enjoyed to reaches the sea it is much finer than gether. It had been decided that Frank occan sand. But in the making of the ways to hear high school upon his rest two there is but little difference. It was to begin high school upon his return, while May would enter the grammar grades. They were both very much interested in their studies, and loved to hear Uncle Robert's pleasant explanations to the many questions which perplexed their busy little brains.

On this particular day, the two children were sitting along the beach idly watching the bathers, when Frank, gathering a handful of the pure white beach sand, suddenly called to Uncle Robert who was coming to join them.

"You have never told us about sandmaking, have you?"

ocean sand. But in the making of the two there is but little difference. If we follow any stream to its source we find that its speed or velocity becomes greater as we ascend until we reach a point where it flows over a precipice like this." Here Uncle Robert drew a sketch in his note-book.

"At such a place," he continued, "the water wears the rock away by breaking off large boulders, which are again broken into smaller fragments and they go, by the constant rolling against other stones on the river bottom, until after a very interesting journey of

making, have you?"
"No, Frank," he replied, "I believe I have never explained that matter, and as both you and Mary are such naturalists, we had better begin our studies at once, as it is a long story. One of you gather some of the sand at our feet in this envelope; then we will walk along the beach to that bluff which you see quite a distance to our right."

Chatting garly as they scentered

Chatting gayly as they sauntered along, the distance of the bluff was soon mastered and Uncle Robert found a place where they could sit comfortably as they watched the great waves thundering with tremendous force against the rocky bluff. But listen, for good Uncle Robert has begun his story:

Here's the Story.

"Now, children," said he, "if you will look closely at the sides of this bluff next the sea, you can but observe that they are worn into many fantas-tic shapes, while the sides next the land slope gently backward and downward until they meet the gentle rise of another inland bluff. Now, which of you can tell me why the sides of this bluff heat the sea are vertical in the sides of the sluff next the sea are vertical instead of sloping?"

"The waves have worn them away!"

cried both.
"That is it, exactly. The waves beating as you hear them now, steadbeating as you hear them now, steadily, hour by hour, day by day, gently wear the bluff away. The wearing away is mainly accomplished by breaking off large and small fragments of rock and clay from the bluff. As they fall to the ocean bed, they are moved backwards and forwards on the sea bottom, and rubbing against each other as they do, they are soon ground alas they do, they are soon ground al-most as fine as powder. Then this

River and Ocean Sand Are Alike.

"Does river sand differ from ocean' sand, Uncle Robert?" asked May, who

after a very interesting journey of many miles these broken boulders at last reach the sea, now worn to the finest of all sand.

"What an interesting story and all about such a common thing as sand!" exclaimed May. "Are there any other ways of sand formation?"

"Yes, one, but I shall say only a few words about that, as the subject is new to you."

"If we were to climb a very high mountain, we would soon find our path impeded by a slowly moving sheet of snow and ice, which receives the name of glacier in your geography. Firmly fastened within this bed of snow and ice we might find pieces of rock which ice, we might find pieces of rock which as they move down the mountain side are scoured smaller and smaller until are scoured smaller and smaller until like the rocks of the river and sea they too are ground to pebbles and finally sand. You can tell a glaciated pebble by the scratches upon it, and as glaciers have at one time been over a greater part of the country they are quite common. But my watch tells me it is near the dinner hour and we waste it is near the dinner hour, and we must bring our story to a close. I have been thinking of persuading your father and mother to let us visit the mountains on our way home in order that you may know something of the different rocks before you begin school again."
What they learned will be found in

our next story.

You'd Better Build a Silo

(Continued from Page 7.)

The number of men and the equip ment needed when filling the sile will depend on local conditions. The cutter should be large enough and strong enough to keep humming, and there most as fine as powder. Then this powdery but gritty material is washed by the waves upon the beach—and we pick it up as beach sand such as we have in our envelope here."

"Then beach sand is made by fragments of rock broken from the bluffs and powdered by the waves?" inquired Frank.

"Yes, generally," replied Uncle Robert, "but not always. Sometimes shores are marked by rocky cliffs instead of these bluffs from which the beach receives its sand supply, while some receives its sand supply its provided to keep humming, and there enough to keep it go-ing. Delays on account of power or cutter troubles make expensive silage. More power will be needed when filling and overground silo than when fi ceives its sand supply, while some reshould be run on top of the silage at ceive the supply from floating ice and the last filling. If some cats or wheat opposite shores and not a small amount is added and the straw thoroughly wet is carried down by river currents. the sprouting grain will form a mat that will seal the top of the silo and prevent the loss of silage.

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The Girl While She Waits that she should have this domestic science training, but then let her come home and help her mother for a while." Certainly, if her mother needs her

A Course In Home Making a Good Start Toward Happiness

BY DR. EDNA DAY Formerly Dean of Domestic Science Kansas University.

THERE has been much talk these last few years about the conservatlou of our natural resources. There is yet another form of waste that needs to be considered and remedies sought: The waste of time and opportunity by the average girl

while she waits. Probably the majority of our grandjority of our grand-mothers were mar-ried at an earlier age than our high school girls gradu-ate today. And our mothers didn't have to wait much longer. But it takes so much time these days for a man to get ready to earn a living, and it costs so much to keep a home, that it is no wonder the girls are kept waiting long while the man gets the necessary edu-cation, money and courage.

And you men have been so busy trying to solve your own problems of how to get the nec-essary money, you fail to realize that the changes have brought new prob-lems to the young women also, and that they need your sympathetic help in trying to solve

Here is another place where Kansas shows her progressive spirit; not only was her Agricultural College one of the very first to give instruction in domes-

ly prepared, and with the prospect of continuing it the rest of her life.

is not so bad as that of many another girl whose Prince came early but found her unprepared for her life work. Housework as well as any other work for which one is unprepared is drudg-

In the early days women were not alone in preparing for life work by the alone in preparing for life work by the apprenticeship method. Even doctors and lawyers got their training by working in an office instead of by going to school; and training schools for business, engineering and farming were unknown. But I recently heard President Waters give statistics showing that it pays financially for a man to take the money and years for long, expensive with the same and sam



training to be an

a more sympathetic wife and a more intelligent mother.

And it not only gives a woman freedom in choosing a husband, but if she can manage to maintain her skill to make his have time and hours and hours are to find when time even to find the time of the can manage to father's chief

them.

It used to be that only girls with strong scholarly bent went to college; but now the number is rapidly increasing. And because the college course has not been planned for such as they, they play with the college curriculum, they play with the college curriculum, they play with the college curriculum, waiting, just waiting—a serious problem to the instructors.

Do you not wonder that every college does not quickly awaken to the situation and give the girls the work that will help to fit them for the kind of life that most of them hope to live? Here is another place where Kansas shows her progressive spirit: not only band—a host of widows needing some means of support.

Yes, it is important that women know how to make money outside of the home. But there is one precaution rection.

If there is less money the problem of what to do while she waits is generally more easily settled. The oir land her for the state of the home. But there is one precaution that should be given to every girl who earns money while she waits. She should be careful not to establish such a high standard of living as to not and her for the standard of living as to not and her for the standard of living as to not and here for the standard of living as to not and here for the standard of living as to not the standard of living as the standard of living as to not the standard of living as the standar beginning of an opportunity in this direction.

If there is less money the problem of what to do while she waits is generally more easily settled. The girl and her family realize that she must work. However, it is tacitly understood that it will not be for long; and it hardly seems worth while to spend much money getting ready to work when—well, "when she may not care to do that kind of work long".

She may not care to; but 'Princes hesitate these days—and many a girl finds herself in middle life doing work she doesn't like, for which she is poorly prepared, and with the prospect of continuing it the rest of her life.

At present the demand for tackbox of the seight of the server girl who earns money while she waits. She terfere with her having a good time. "For," as she says, "she will have to settle down all too soon"—that is, she will if she marries as young as her money, much as she may feel the need of the things it will buy. If she can work and save money she can lessen the time of waiting. The question is, how to be prepared either to earn money or to make a home—to live without the Prince or with him, according to circumstances? I recommend a study of Home Economics as a preparation for both.

At present the demand for tackbox words, the science of bown all too soon"—that is, she will if she marries as young as her money, much as she may feel the need there with her having a good time. "For," as she says, "she will have to settle down all too soon"—that is, she will if she marries as young as her money is the money of the last of th

This condition is bad enough, but it teachers, is greater than the supply, and the demand is increasing so rapidinl whose Prince came early but found by that it will continue that it will be a supply that it w ly that it will continue ahead of the

supply for some time.

Besides this, there is the demand for trained women to be matrons and housekeepers, or house mothers in colleges, dormitories and institutions of all kinds. Hospitals are asking for trained dietitians. There is a call for caterers, artistic dressmakers, milliners, and house decorators. We need women with brains, conscience and husiness ability to run laundries.

"But", some of you may say, "her mother doesn't actually need her help, but we want her company after these years of separation, and would you urge her to leave home and earn more when we have enough to keep

training to be an urge her to leave home and earn engineer; and he money when we have enough to keep believe, that if we Is she happy just to stay at home had the statistics and be company? Would you be happy they would prove so? I have heard many girls tell of that an agricultural their difficulties in being content with course pays also. The farmers of work in life to be happy, young working life to be happy, young women as well as young men; and no one have long recognized is good company who is unhappy. progressive kansas men as well as young men; and no one have long recognized is good company - who is unhappy. That it pays for However, the leaving home is not alyoung women to ways necessary, by any means. With take professional a little training supplementary to her training for their domestic science course a girl can learn work in the profession of home making, scientific butter making, or of home canning for the market. There are fancy prices for first class products But suppose a girl spends time getting ready for home making—what learns to do some such work as this then? She cannot hang out a shingle and announce to the world that, having her diploma, she is ready for the Prince. What shall she do? For her own health of mind, if nothing else, she

"But suppose a young woman has another talent than you suggest. Is it not to be cultivated?"

would better be working. Foreseeing this situation advisers wonder, "Should she be prepared for home life or to earn a living?"

Earning money before one marries before one marries to make to make to make to make to make to make his home comfortable and still time and strength for her special music, only gift. How many a girl has spent hours and hours and hours on her music, only to find when married that she hadn't time even to dust the piano, let alone

> I have frequently noticed that a father's chief desire in the education of his daughter is that she shall be trained musically, perhaps because his wife has been too busy with her duties to satisfactorily entertain him in the evenings. He would rather have his daughter so trained both for himself and her possible husband, forgetting that his wife had to learn to "keep that his wife had to "keep that his wife had to learn to "keep house" after mariage in the hard, slow school of experience, spending the time on these homely lessons that might have been free for music. He should be made to realize that his daughter-will have the same trouble if she does not study Home Economics as well as

Having a Good Time.

On the other hand, many a mother's

words, the science of home making. Again I congratulate you Kansans that you have had the wisdom to give such large numbers of your daughters the proper opportunities, and I am sure that you will not stop until every school in the state, high and low, city, town and country, gives this needed in-

The number of co-operative bodies in Russia on January 1, 1914, was about 26,500, of which 12,500 were credit co-

Bethalto System

water from well with turn of in kitchen No water stored a tank to rust or go stale.

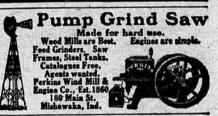


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Baseball Curver FREE!

pitcher. The curver which is worn on the hand enables the pitcher to give the ball a rapid whirling motion thus causing a wide curve It is so small that the batter cannot see it and they all wonder where those AWFUL CURVES come from You can fan them out as fast as they come to bat. A complete set of directions for throwing curves goes with each curver, throwing curves goes with each curver. Our Offer: We are giving these baseball of introducing our great farm and family magnific. Missouri Valley Farmer. Rend us 10c train subscription and immediately curve made in the contraints of the curver of th

and in your apparention at the poly is limited. Do not put off sending in your order now. Adur MISSOURI VALLEY FARMER, BC20, Topeka, Kans

THIS BIG, 31 FOOT TELESCOPE

worthless toy. It is made by one of the largest manufacturers in Europe. When closed, as shown in picture, the tolescope is 12 inches long and has a circumference of 5% inches. When all 5 sections are pulled out the full length is over 3½ feet it is built of the best materials, brass bound throughout We furnish with each telescope a solar eye piece for use in studying the sun and the solar eclipses. Eve piece can also be used as a magnifying glass to detect insects or germs in plants or vegetables.

Powerful Lenses 5 to 10 Mile Range

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

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

Mail and Breeze Eighth and Jackso TOPEKA, KANSAS.





How I Succeed With the Cows Let this Free Book Save You Money on

The Essentials Are Records, Good Dairy Blood, and Feed

BY V. E. SWENSON Little River, Kan.

scale and Babcock tester.

I do not keep a record of how much feed every cow eats, but I know how many tons of feed the entire herd consumes in a year. I figure the exact cost of producing this feed and find that a cow can be fed on from \$20 to \$32 a year, according to the year. I can raise good feed for the cows even if other crops fail.

crops fail. For the year 1913 my cows averaged a profit of more than \$100 a cow. This was for milk and butterfat. Skimmilk was figured at 25 cents a hundred pounds and butterfat at the average market price for the year, or 28 cents a pound. I also had the calves, which certainly more than paid for their keep and the feed for the sows as they were and the feed for the cows, as they were pedigreed stock. At this rate, I got a good price for my feed, at least \$18 a ton for silage and \$25 a ton for alfalfa

After having several years' experience with grade Shorthorn cows, I found that they would not pay, either at the pail nor by their offspring. The reason they did not pay at the pail was that I selected herd-headers of the beef-producing quality instead of the milk-producing quality. The trouble with so many of the farmers today is that they want both the beef and milk producing cows and the result is they get neither. So instead of imr oving my herd for dairy quality I bred it out of them.

A beef cow is made for the purpose of feeding and raising her calf if she is

of feeding and raising her calf if she is to bring the best returns and she should not be used for dairy purposes. However, you can breed a beef cow for dairy purposes by using a purebred herdheader with the dairy qualities, or a dairy cow can be bred for beef purposes by using a purebred herd-header with the beef qualities. Of course, this will take a few crossings, but a good herd can be a few crossings, but a good herd can be established in that way with the least

outlay in the beginning.

You must also have in mind what breed of dairy cattle you want. If you wish to sell milk I do not doubt but that the contest at the electric outland in the common cause of better government in the common cause of bet wish to sell milk I do not doubt but that the Holstein is what you want, and if you want to sell butter or butterfat I think the Jersey is the best. I chose the Jerseys because statistics told me that they held the world's record for independent process of the voters. The primary also has made it strongly evident that the contest at the election this fall—just as it should be—the they held the world's record for independent. most economic butterfat production.

The herd-header is claimed to be half of the herd. I say he is more than that. He is one-half of your calves that you are planning on for the future and if he is a poor sire you are not only losing your time and money spent on good cows, but he will put you out of business finally. ness finally.

For a Self-Sucking Cow

[Prize Suggestion.]

To break a self-sucking cow put a halter on her and run a strap around her body just behind her front legs. Then

take a strong stick long enough to reach ple a ring on each end of the stick and run the stick through

between the front legs. Use a hame strap from the halter to the stick. Stick should be about the size of a fork handle. The cow can eat and drink, and knock off the flies, but cannot suck her-Oscar Hines.

Nuckolls, Neb.

This May Save You Some Money

You might not think it but there still are many dairymen who get their cream by the old method. Now we are not writing this to boost the sale of cream forest fire has just been passed by the writing this to convince any who have Powell national forest in south central separators but to convince any who have never used them that they will pay for Utah.

KEEP a complete record of the production of every cow on the place, weighing the milk at every milking and testing four consecutive milkings are every month for each cow. Dairying is one of the surest incomes on the farm, even if crops fail. I believe every farmer should milk some cows, but he should be sure those cows are paying. Every cow should be tested with the scale and Babcock tester.

I do not keep a record of how much feed every cow eats, but I know how the more four or more cows are milked. Any man or firm that sells separators will let you take one home on 30 days' trial and you can in that time convince yourself that you have in the past fed your hogs many dollars worth of cream. This does not mean that cream is not good hog feed, but that it is too expensive for the average farmer to make \$8 hogs on. Give the separator a trial and you will be glad to keep it and pay for it. to keep it and pay for it.

Money in Calves For Him

I think by being careful, a person can raise a good calf from the bucket. I sold four calves last year that were raised from the bucket, two for \$25 each and two for \$30 each. At that rate a cow ought to make \$50 or \$60 a year for her owner, and I think that is a good C. H. Brocher. profit.

Beeler, Kan.

Here's a Cheap Milk Stool

I made a good milk stool by sawing the fork of a tree off so as to make the stool as high as I wanted it. Then I nailed a 2 by 6 on the top of the fork. The fork should be about 4 inches in diameter. This makes a good stool and it will last a long time.

Sam Schurndt. Bison, Kan.

Capper Vote Leads the Ticket

The official returns show Arthur Capper received an unprecedented vote for governor in the Republican primary. He led the ticket in every county in the state. Shawnee, his home county, gave him 10,026 votes, against 1,432 for Hodges and 329 for Allen, the largest number of votes ever given a candidate at a primary election in Shawnee county. Almost every woman voter in Topeka, his home city, voted for him. He had the strong support of men and women voters in nearly every part of the state, polling about a 2 to 1 vote over his Democratic opponent.

The primary has made it quite apparent to everyone that the Republicans and Progressive Republicans of Kansas are working together in this campaign in the company says of better governin the common cause of better government in Kansas, a fine indication of the

on the one side and the Democratic party, as represented by the present state and national administrations, on the other

"The result of the primaries is vastly encouraging," said Mr. Capper. "Though I am immensely pleased and proud that so many Kansans took pains to express their confidence in me and my earnest desire to make them a useful governor, I do not take all the credit for this fine endorsement. In Kansas at the ballot box there is a growing patriotism which comes before friendship, just as there ought to be everywhere. My supporters are friends first to the things I represent sent. A strongly decisive vote at the November election, will give us a great impetus toward the practical and sensifrom the girth-strap ble reforms in the public service for to the halter. Sta- which Kansas is so hopefully strucoling." which Kansas is so hopefully struggling."

Make it Hot for the Mites

For the chicken mite pest, make it hot for them wherever found. Pour boiling water on the nest boxes, and salt water, such as has been used for making ice cream, can be poured on the roost poles. Use the salt water cold. It will last much longer than the much used coal oil. I am able to keep my poultry houses free from mites by using water as described above. G. K. Chandler. R. 4, Manhattan, Kan.

Dairy Barn Equipment Postal Card Brings It





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CORRUGATED METAL. RAT AND FIRE-PROOF.

The best metal grain bin for the price in the world.

Defies competition. We make all styles. This is not our highest grade bin but is splendid value. Keeps grain in perfect condition. Large door an other features.

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ing as well as manufacturing facts whether you buy from n Ed. H. Witte, Witte Iron W 1548 Oakland Ave., Kansa





SAY! We guarantee the Unruh Cattle Poke to cure the worst fence creeper you have. Delivered free \$1.25.

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Why Sell Eggs By

Breeders of Large Birds Have a Just Complaint

BY E. P. ORRILL Americus, Kansas

Some time ago I noticed a picture in the Farmers Mail and Breeze showing the difference in size between a dozen large and a dozen small eggs. The statement underneath was to the effect that eggs should be sold by weight rather than by count. Being a breeder coftwo of the large breeds of chickens I, of course, agree with that writer. So I, of course, agree with that writer. So do all the breeders of large birds, and if we would all get together and work for this change we could soon bring it about.

For several years I have worked in the produce and grocery business and handle many eggs in a year's time. Every day I see the folly of buying eggs by the dozen. The eggs are bought here at so much a dozen, regardless of size, dirt, etc., although many of them sell by weight when they finally reach the consumer. It is easy to see how the producer of large eggs must suffer the loss.

A few days ago I weighed two dozen

eggs. The eggs came from two customers who had two different breeds of chickens. One dozen weighed 10 ounces more than the other. This means that it would take more than a dozen and it would take more than a dozen and a half of the small eggs to equal in weight one dozen of the large ones. Assuming the same proportionate difference in weight, a 30-dozen case of the larger eggs would equal in weight more than 40 dozen of the small ones. To be exact, the case of large eggs would weigh 18¾ pounds more than the case of small-sized ones.

As it appears to me, it would be just

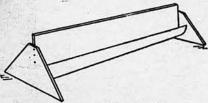
As it appears to me, it would be just as reasonable to sell hogs, cattle, and poultry by count as to sell eggs by the dozen when there is an actual difference in value of from \$1.20 to \$1.80 a case. We all remember when chickens, and especially old roosters, sold for so much apiece, regardless of size. But now the man who brings in a big Brahma or Plymouth Rock, gets more for him than does the man who brings in a 21/2 pound Leghorn. Why should not eggs be marketed on the same plan?

I believe the time is close at hand

when poultrymen, dealers, and consum-ers will see the folly of continuing this faulty, old system of marketing eggs, which, since the careful development of breeds has less reason for its existence than ever. Then the breeder of the large varieties will get what is coming to

Feed Trough For Chickens

A simple and efficient feeding trough may be made by tacking a piece of tin about 31/2 inches wide along the edge of



Feed Cannot Be Wasted

a half-inch board so that the tin projects about an inch and a half on either side of the board, bending the tin so as to form a shallow trough, and fastening the board to blocks which raise it from the

The trough may be from 1 to 3 feet chickens and so narrow that they cannot stand upon the edges. Food placed in such feeding troughs can be kept clean until it is entirely consumed.

. Lawton, Okla. Some Don't Lay Green Eggs

Some time ago an article on Runner ducks appeared in the Mail and Breeze. It was written by a poultryman and a breeder of White and Fawn Runner ducks. In this article the statement was made that the writer believed there was no flock of White and Fawn ducks but that produced some green eggs. I fully agree with the writer as to the great productiveness of these birds for I know by experience that they are great layers of fine eggs. But as a breeder of White and Fawn Runners I

Concerning Golden Seal

I should like to have some information about Golden Seal. How does it grow? What are the methods of cultivation? Where can the roots or seeds be obtained? Sabetha, Kan. Mrs. L. M. White.

Pharmacopia.

I should like to have some information about Golden Seal. How does it grow? What are the methods of cultivation? Where can the roots or seeds be obtained? Sabetha, Kan. Mrs. L. M. White.

Golden Seal grows from 1 to 12 inches high. It is not a vine, neither is it a bush nor a shrub. It resembles a May Apple plant.

The plant dies down in the winter and reappears again in the spring. Before the leaves are permitted to die, in the fall both the leaves and stems

The plant dies down in the winter about 8 inches apart and the plants about 8 inches apart in the rows. The

should be cut and allowed to dry in a seed can never be permitted to dry, draft in the shade. They are worth 20 and therefore it is not safe to send it cents a pound when treated that way. any long distance, but the roots can be shipped for any distance and can be be shipped for any distance and can be bought at the rate of \$20 a thousand.

Lewis and Clark explored the north After the roots are planted, the plants cents a pound when treated that way.

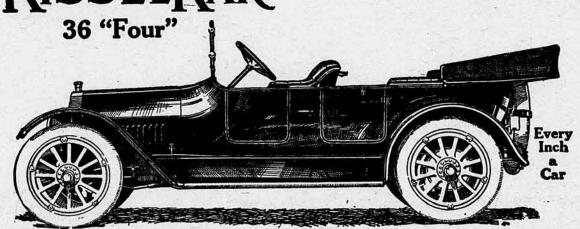
Golden Seal was discovered when Lewis and Clark explored the northwestern territory. These men found that they suffered much from sore eyes due to dust and germ life no doubt existing in the dust. They also found that the Indians with whom they came in contact, although subjected to the same conditions, were not afflicted with sore eyes, and that they avoided the affliction by taking the Golden Seal and pressing the juice from the roots into the eyes. It is now very commonly used as a wash for the mouth and throat, and it enters into nearly 300 combinations of the Standard American Pharmacopia.

Colden Seal spreads guite vanidly. shade and nothing but shade, but it is a wild woods plant and must be grown in the shade of something similar to trees or bushes that shades the plant and yet lets the sunlight filter through

> The United States government has issued a bulletin concerning Golden Seal showing the importance of the plant and its growth. George D. Beroth.

South Bend, Ind.





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IF you are one of those who have predicted that automobiles of the better class ought to be cheaper—that some day a high grade manufactured car of fine appearance, great comfort and strong construction would be sold around \$1500; you were right.

Here it is, a fully equipped, regular size manufactured automobile of established high grade at \$1450—a hitherto unheard of price for a car of this class.

Quality and Refinement in Big Measure

Analyze If you are motor-wise, and will analyze and compare, you will appreciate the

Construction If you know steels, workmanship and the importance of perfect balance, you will appreciate the construction of the

Value If you have been looking for a popular priced MANUFACTURED car, built as carefully and expertly as cars of higher cost, you will appreciate the value of the KisselKar 36.

Comfort If you have sought vainly in other cars for your conception of easy riding, quiet operation and freedom from vibration, you will appreciate the riding comfort of the Kissellkar 36.

Flexibility If you have wished for a car that will take the hardest hills on high, and slow down to a pedestrian's pace without changing gears, you will appreciate the flexibility of the KisselKar 36.

Economy If you realize that a car to be economical must live long, depreciate slowly, be reasonably easy on tires and fuel, and be therefore of medium weight, you will appreciate the economy of the KisselKar 36.

Convenience If you have deplored the necessity of either garaging your car during cold weather or buying a separate closed body, with the incidental expense of making a change twice a year, you will appreciate the convenience of the detachable top that is furnished at small additional cost, with the KisselKar 36.

Beauty If you are critical, and exacting in regard to appearance and refinements, you will appreciate the beauty of the KisselKar 36.

Completeness If you demand the newest mechanical improvements, such, for instance, as springs guaranteed against center breakage, vacuum fuel feed, dimming head lights, automatic spark advance, and other up-to-theminute innovations, you will appreciate the completeness of the KisselKar 36.

Price The KISSELKAR 36-"FOUR" at \$1450 fulfills, in every respect, the full measure of value expected by far-seeing men who have prophesied that a capable and complete manufactured car of recognized upper-class, would one day be offered at a much lower price.

The "36" is sold in either the usual four-door style or the new KisselKar two-door body. With the latter you can obtain a detachable top for winter use—an invention that insures comfortable driving in winter as well as summer without the expense of changing bodies.

Send at once for complete information and literature describing the great 36 "Four", also the 48 "Six" and 60 "Six"—it's mighty interesting.

KISSEL MOTOR CAR CO., 314 Kissel Avenue, HARTFORD, WISCONSIN

How About Your Abstract?

As the Australian ballot law reformed As the Australian ballot law reformed clection abuses, so now comes the Torners system of land transfers to reform our present and fast becoming obsolete means a trip to the abstractor, who is system of transfering titles to lands and all real estate. Eleven states, I believe, for less than \$5. After waiting another permits the state of the method of making transfers, positive you to take what he has added to the proof that this reform is spreading over great roll of sheets, upon payment of the country faster than did the election the customary and perfectly legal charge most obsolete and the most expensive imaginable. Someone has said that the laws of the United States are made by lawyers, for the exclusive benefit of done was 15. But even now you do not go in peace, for you must go back to the lawyer again to see that the additions so recently made are in exact lawyers, for the exclusive benefit of done was 15. But even now you do not go in peace, for you must go back to the lawyer again to see that the lawyer again to see that the lawyer again to see that the lawyers are now you do not go in peace, for you must go back to the lawyer again to see that th laws of the United States are made by legal language. After all this has been done you may be permitted to pay your lawyers, and those who cling to some side line of the law for a living. It is "back eighty," and you take under your transfer system. The longer we retain it the more fruit it bears for the law, wers, abstractors and allied officials for there to remain, practically forgotten that are already so bulky they can hardly be tied together with a hay rope.

All this bringing together of new bulk to be added to the old means rich graft to those who seek to live by graft. Nowadays, when a transfer is made, the first necessity is the abstract of title. The real estate dealer, himself a middleman and with a natural kindly feeling for other middlemen, tells you this abstract must be obtained and examined by a competent lawyer. There may be fifty pages of it, so the lawyer system of making transfers of the abstract of the cow has kicked them over the fence.

What is the Torrens system? It is a milking until the cow has kicked them over the fence.

For Good Roads Days

At the Good Roads meeting at Fort to adopt the Torrens system, requires to adopt the Torrens system, requires to adopt the Torrens system, of making transfers of course, these fellows will not quit milking until the cow has kicked them over the fence.

For Good Roads Days

At the Good Roads meeting at Fort to adopt the Torrens system, of course, these fellows will not quit milking until the cow has kicked them over the fence.

Scott recently, J. S. Palling, of Pleasanton to presented a plan for organizing the six counties of the association for effective work August 18 and 19. The plan

BY HENRY HATCH.

(A paper adopted July 25 by the Coffey County Pomona Grange.)

As the Australian ballot law reformed Failing to find any fault, large or small, real or imaginary, with the fifty or more pages of abstract he already has, the lawyer will then tell you it all real estate. Eleven states, I believe, for less than \$5. After waiting another have already adopted this simplified week on the abstractor, he may permit great roll of sheets, upon payment of the customary and perfectly legal charge of from \$5 to \$15. But even now you yers, abstractors and allied officials, for every year thousands of transfers are and to grow yellow with age and to every year thousands of transfers are absorb new flaws as the years go by, every year thousands of transfers are added to those that have been made be-fore, all piling up to fill great books of record and add new leaves to abstracts are dead and gone and to cause more record and add new leaves to abstracts are dead and gone and to cause more record and add new leaves to abstracts are dead unless the Torrens or some are dead and gone and to cause more expense, unless the Torrens or some similar system of making transfers

be fifty pages of it, so the lawyer slips owned within the state by a certain ive work August 18 and 19. The plan to a limited extent by England. Gertinto drawer No. 10 in Section B. and tells you to come back next week. When you next appear the lawyer shows you paper folded into two leaves, but little county to get busy and start the ortells you to come back next week. When you next appear the lawyer shows you where some former owner's initials were transposed, perhaps a matter of something like forty-seven years ago, and you are told the abstract will be no good until that fault is cured. Incidentally, according to the lawyer, a case dentally, according to the lawyer, a case in court will be necessary to do the six company's proof of interest, in court will be necessary to do the curing, cost to be in the neighborhood is all there is to it, and why should is all there is to it, and why should is a should the property be mortgaged. This mation. Mr. Palling says:

many, France and Italy must have wheat to keep their population from ganization.

The plan is for the six counties to join with Missouri and have two good at one thing uses his spare hours to not the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways. In Missouri the people will work on the highways are to do the starving.

"The plan is for the six counties to join with Missouri and have two good on the highways when the people will work on the highways are to do the starving.

The plan is for the six counties to join with Missouri and have two good in the highways when the people will work on the highways are to go up as nature is to take her true course. That's just the way nine of the lawyer, as a succession where the people will work at the ordinary blank farm larger than the

in blank on his proof of ownership, as is the space for the mortgage interests, after which the county register takes up this paper, files it away and issues a new one to the new owner. The cost of the entire transfer is a mere fee, no more than is now paid for the reno more than is now paid for the re-

Is it any wonder that the Torrens sys- of exports. Is it any wonder that the Torrens system has not been adopted in the states where it has been only after a long hard fight with these who live because of the faults of the present system? With the old system of going back, almost to Adam and Eve, before passing on a title and declaring it good, there is every chance for any number of charges, all of which will be made, either by the lawyer or the abstractor. Of course, these fellows will not quit milking until the cow has kicked them over the fence.

Of course, these fellows will not quit over the fence.

Of course, these fellows will not quit over the fence.

Of course, these fellows will not quit over the fence.

Of course, these fellows will not quit over the fence.

Of course, these fellows will not quit over the fence.

of forty dollars, said lawyer to be the physician.

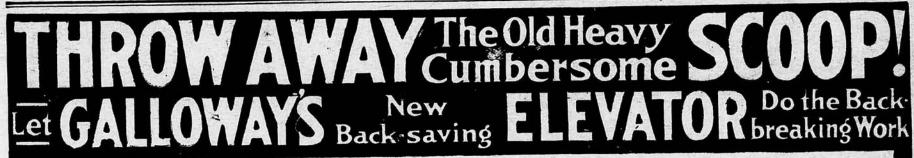
Failing to find any fault, large or small, real or imaginary, with the fifty or more pages of abstract he already has, the lawyer will then tell you it needs more added to it; in other words, in blank on his proof of ownership, as the lawyer and lawyer to be the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization to carry out the plan it will be necessary to adopt some system and perfect an organization

cording of a mortgage. Such matters as taxes being unpaid on the land can be looked up as at present.

Compared with the abstract of title States Department of Agriculture. Unas we have it today, with its attendant less this advice is heeded, the dispatch deed, this system of title transfer is says, enormous congestion will result simplicity itself. It does away with in terminal markets because of the red tape, and with countless loopholes. European war and consequent stoppage

bought from German and English mills.

The situation is not so bad with respect to wheat. More than two-thirds At the Good Roads meeting at Fort of this year's wheat crop will be needed Scott recently, J. S. Palling, of Pleasanton presented a plan for organizing the long arrangements will be made for European importing countries to assume



Positively? Are All I Will Make This Season. RESERVE ONE NOW! They Won't

> Pays For Itself In One Season

Saves from 30 min-utes to an hour on every load cribbed. The New Galleway

Your ten-year boy can run it. Makes shoveling corn a pleasure—and the price of getting rid of all this back-break-ing hand work is only

\$79.50

Galloway now comes out with a "back saver" elevator at one-half the regular price.

Made in our own factory and sold direct at wholesale for less money than you ever heard of before—only \$79.50. The same old story repeated. The prices on these machines have been too high. I got my experts together, and decided we would have to give our farmer friends a real portable elevator at about half the regular price, so we now come out with the greatest "back saver," time saver and money saver in the way of a portable elevator ever offered the farmers of the corn belt.

At This Rock-Bottom Price They OO Galloway "Back Saver" Fortable Elevators is all we are going o make this year, and we are going to sell them because my price is assed on this quantity and I make you the same price on one as if you bought the entire 4,000 at wholesale in one job lot at spot

bought the entire 4,000 at wholesale in one job lot at spot sh.

We are going to make them and we are going to sell them. We know that our new price will do it because they are going like hot cakes already.

The farmer of today has the binder, the hay loader, the cream separator, the manure spreader, the gasoline engine, the telephone, electric lights, and most of them even an automobile. Then why in the world should he break his back and shorten his life ten or fifteen years by doing what is positively the toughest, most back-breaking, head-aching work of all other work on the farm—throwing corn up from ten to twenty feet with an old, heavy, cumbersome, twelve pound scoop shovel, each lift averaging thirty pounds?

It is not only barbarous, out it's killing, making it hard to get hired help and driving the boys from the farm. I know myself because I have shoveled off many a load, and can talk from experience, and, while I know it's a fact that everybody could not afford an elevator at the prices that have been charged, yet with this new price we are making there is no excuse now for any farmer not having an elevator.

Today ticulars free—Let me show you how it works—how it's made —how simple and easy it is to operate Are Selling Like Hot Cakes The price is right—they are made right—they work right and will give you honest and satisfactory service for many years; and once you try this new way—the easy way—you will be done with the old scoop shovel way forever.

Read What This Man Says

July 22, 1914.

Waterloo, Iowa.

Gentlemen:
My fifteen-year-old boy and I have cribbed about 7,000 bushels of corn in three weeks with the assistance of the New Galloway Portable Elevator. It is superior to any elevator on the market. We handle all small grain at threshing time on the market. We handle all small grain at threshing time on the market. We handle all small grain at threshing time. The Galloway engine and elevator does all our cribbing. It works to perfection.

This is the whole story in a nutshell. This man will live longer. He will have more energy for other work on the farm in the way of chores and other things that require his brains and attention.

Don't think for a minute because we are making a low price and startling the implement world by this announcement that the elevator is not made right. It is positively made as good as any elevator offered to you by anybody. Sold to you on a guarantee that is a guarantee and every sale backed by a 255,000 bank bond with the distinct understanding and agreement if the elevator does not do everything we claim for it in every way after giving it a thirty or sixty day trial we will take it back and pay freight both ways, if it does not come up to your ever saw or tried, and, mind you, on top of this we give you your choice of five selling plans. Cash with order, bank deposit, half note and half cash, all note or the installment plan.

Can you beat it?

Listen! The elevator will pay for itself in labor saving slone in one season if you only have a thousand bushels of corn to crib. Figure it out for yourself. The interest at 7% only makes it cost you per year 35.38, and that's the only way to figure. Can you afford to be without one of these machines for this small cost? I know you can't.

Ask for special Portable Grain Elevator circular today.

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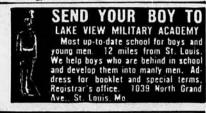
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the corn fields. If every farmer would Save the Water If You Can

Kansas must take lessons of its sister state, Texas. The farmers in

We can acrape out large ponds and ery one who owns a farm and a team figures. Just why this is so, and how make reservoirs to hold waste water should build ponds and keep the water to get pleasing effects in your own case, and how and then pump it over our farms. Kan at home instead of letting it run off is told in condensed form. The printed devil his dues would be highly often the devil his dues would be highly often to the rivers.

W. T. McClure. year by not having water to turn on

ELECTRIC AND ADDRESS OF THE

dig out a big pond in some ravine this fall and save the water, our country would not get so dry.

have water carried over their lands by ditches, reservoirs, and pumping stations, and it pays. One crop saved pays for many years of expense in laying out an irrigation system.

We must save the water for irrigation a gospile and to the side and the control of the ground with the system. We must save the water for irrigation. a gasoline engine. Let's get wise. Ev Bonner Springs, Kan.

Women Should Read It

"Industrial Drawing for Girls" is a book published especially for the benefit of teachers of such drawing. Parts of it, however, are invaluable to women who are interested in planning clothing which will look as well in reality as in plans. Certain styles of yokes and belts and trimmings are becoming to certain well or poorly on certain persons are do that much for their neighbors.

also set forth briefly, illustrated by striking drawings. This book is pub-lished by Redfield Brothers, New York, and may be ordered from that house.

If you want the real measure of a man watch him when he has a chance to do somebody a kindness on the slyfor which he can never hope to be even

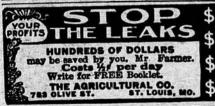
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This Famous Sewing Awl

You can sew old or new harness, saddles, canvas, tents, rugs, carpets, quilts, shoes, grain bags and many other things. You can use any kind of thread in the Myers Awl, and it makes a lock stitch same as a sewing machine. It is very simple; a woman can use it as well as a man. It is one of the most practical devices ever invented. They are put up with two needles; one is straight and one curved, with a small screw driver and wrench combined. Also a reel of waxed thread with each awl ready for use. The cut does not show full size. With needle the awl is 6½ to. long. It is the Myers Famous Lock Stich Sewing Awl, as there is use with a groove running the full length of the needle, so as not to cut the thread when sewing, and has what is known as a diamond point. Every teamster and farmer should own a Myers Lock Stitch Sewing Awl, as there is use for one in almost every household. The Myers Awl is nicely finished, the metal parts are nickel plated, the needles and wrench are kept in the hollow handle which has a screw top.

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Anyone who will send \$1.25 to pay for a one-year's subscription to our big farm paper can se-lect one of Myers' Lock Stitch Sewing Awls, which we will send by mail, postage paid, as a free to Use Coupon below.

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To Ship Hogs In Kansas

The Kansas livestock sanitary commissioner, Sam S. Graybill, has issued a new set of rules to govern the ship-ment of hogs in Kansas. This set of rules, made to conform to the regula-tions of the U. S. Department of Agricul-ture, was issued in compliance with the ture, was issued in compliance with the request made by representative hog growers of the state at a meeting held in Topeka July II. Most hog growers of the state considered the old rule requiring the vaccination, by the simultaneous method, of all hogs intended for shipment too drastic. The use of cholera virus in uninfected territory spreads the disease. Many hog breeders for this disease. Many hog breeders, for this reason, object to the use of virus on their farms because of the danger of spreading the infection. It will not be necessary, under the new regulations for any one to use virus on uninfected farms. The new rules given here, went into effect August 1.
"No swine which are diseased with

hog cholera or swine plague shall be transported or driven, or otherwise re-moved from one part of the state to the other. All persons intending to ship swine from one point in state to the other, shall before offering them for shipment ascertain if the animals are diseased or have been exposed to the

of swine therefrom shall be made for feeding or stocking purposes, except as hereinafter provided. Diseased swine shall not be shipped from the stock yards, but shall be condemned and slaughtered. Swine of a lot that are not diseased, but which have been exposed, may be shipped to a recognized slaughtering center for immediate slaughter, but when so shipped they shall be billed as 'exposed to hog cholera', and the cars shall be so placarded.

"Swine intended for purposes other

than immediate slaughter may be shipped from public stock yards, provided that on inspection they are found to be free from symptoms of cholera, and other contagious or communicable diseases, and are treated by a competent veterinarian under the supervision of the livestock

other of the methods set forth under (a) and (b) following:

(a) "Serum alone method. The swine ward given the serum alone inoculation with hog cholera serum prepared under license from secretary of agriculture. After receiving this treatment they shall be disinfected in a two percent solution of cresol compound U. S. P. and held in a non-infected nen for at least held in a non-infected pen for at least

six hours before being transported.

(b) "Simultaneous inoculation method. Swine may be given the simultaneous inoculation with hog cholera serum and virus prepared under ilcenses from the secretary of agriculture. After receiving this treatment they shall be held under supervision for a period of not less than fourteen days. If during this period they have shown no symptoms of hog cholera or other contagious diseases, they shall be disinfected in a two per-cent solution of cresol compound U. S. P. and held in a non-infected pen for at least six hours before transportation.

"Clean and disinfected cars or vehicles only shall be used for the movement of swine which have been given the serum alone or simultaneous treatment, and such movement must in every case be under certificate issued by the Depart-

cleaned and disinfected as soon as possible after unloading, cleaning and disinfecting shall be done by first remov-ing all litter and then saturating the interior surface of the cars, and wood-work, flooring, ground of the chutes, alleys and pens with a solution made with four ounces of cresol U. S. P. to each gallon of water; to which should be added sufficient lime, (not to exceed

be added sufficient lime, (not to exceed one and one-half pounds a gallon) to show where it has been applied.

"No hog shall be admitted into Kansas from any state or territory except for immediate slaughter, without permission from livestock sanitary commissioner, and then only in accordance with the rules and regulations hereinafter given.

inafter given.
"All hogs for breeding or other pur-

poses coming into Kansas must be shipped under quarantine, or placed and kept under such quarantine for twenty-one days after arrival, and be vaccinated with either the serum alone or simul-

taneous treatment fourteen days before shipment, and be thoroughly disinfected before shipment."

While these regulations require only 14 days quarantine for hogs vaccinated with the simultaneous method it will be seen to the house to include the simultaneous method it will be safer for the buyer to insist on a quarantine of from 21 to 30 days. Hogs vaccinated with the simultaneous method have been known to die after a quarantine of 21 days. Another precaution the buyer should take is to insist, if the hogs are vaccinated with serum alone, that the vaccination be done not longer than 14 days before shipment.

Veterinary Answers

BY DR. F. S. SCHOENLEBER, D. V. S.

We have a very puzzling horse disease. Our mares have swelling on the breast just below the collar and these swellings cake and break open in 10 to 30 days.—Lewis H. Long, R. 1, Gage, Okla.

I believe your horses are affected with distemper, which has simply involved the lymphatic glands at the entrance of the chest, instead of those under the jaw. This condition is rather common, and it diseased or have been exposed to the contagion of either disease.

"Public stock yards shall be considered infectious, and no state movement ered infectious, and no state movement chest, it should be lanced to permit the pus to escape. The wound should be washed out afterward once daily with a 2 per cent solution of carbolic acid.

What is a metal clamp mentioned in the Farmers Mail and Breeze in curing or treating rupture in horses?—A. A., R. 1, Atchison, Kan.

The metal clamp used for treating ruptures of colts is sold by veterinary instrument dealers. The application of such a clamp is rather technical, and I would suggest that you have a vetering and it for you. Another line of would suggest that you have a veter-inarian do it for you. Another line of treatment for naval ruptures consists in placing the colt upon its back, forc-ing the intestines back in the abdomen, then lifting up the sack which previously contained the intestines and passing two metal pins, such as a lady's hatpin, through the base of the sack. A piece sanitary commissioner, in a portion of strong string is then tied around the the stock yards set aside for that pursuck between the animal's body and the the stock yards set aside for that purpose, in accordance with one or the other of the methods set forth under (a) days the entire part should slough off and (b) following:

(a) "Serum alone method. The swine ward with antiseptic washes. The obmay be given the serum alone inoculations of the pins is to prevent the string days on the sack. The from slipping down on the sack. The ends of the pins should be cut off and turned down, so as not to injure the ani-

WALL MAP FREE.

For the purpose of quickly securing new and renewal subscriptions to the great bome magazine, the Household, we have made arrangements to give away 5,000 official wall maps of western 5,000 official wall maps of western states and United States with the 1910 census complete.

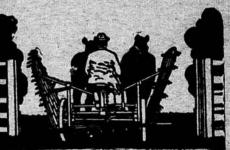
This home, or office, library wall map is 28x30 inches in size, splendidly col-ored with beautiful half tones on the heaviest enamel paper. It shows the railroads and every postoffice and con-tains a complete index of the population of every city or town in the state select-ed. On one side is the latest map of your state, on the other side the latest map of the United States.

We can supply these special maps for any of the following states: Kansas, Oklahoma, Missouri, Nebraska, Colorado, ment of the Livestock Commissioner at Texas, South Dakota, Illinois, Iowa, Minnesota, Wisconsin, North Dakota, Wards, which have contained shipments of Arkansas, Indiana, Michigan, Montana, diseased or exposed swine shall be Ohio, Wyoming.

There are, in addition to the maps and census, many other valuable features included in this chart.

We are making a special offer on this wonderful wall map as follows: Send 25 cents for one year's subscription, new or renewal, to our popular family jour-nal, the Household, and one of the valuable wall maps is yours, sent free and prepaid. Be sure and give name of state map you desire. Address at once Department MB, Household Magazine, Topeka, Kan.

Conveniences in the house of the tenant are just as important for the success of the farm as conveniences in your own home. It is a question of keeping the family contented, whether it be the workman or the owner of the farm.



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Goes Through ANY Farm Gate. Any or all sections raised and lowered by a lever; a boy can handle easily—safe, as driver's seat is well to the rear.

Built of steel and malleable iron through-out, all parts swaged to place; no bolts or taps to lose. Teeth can be set to any pitch or laid fiat for dragging, breaking stalks, etc.

Coiled spring shock absorber to prevent breaking in stump ground. Close hitch, easy and steady pull, no jerking, jumping or wobbling.

Ideal dry farming harrow, as the dirt is finely pulverized, making emulsion to hold moisture.

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This Harrow, invented by a farmer, is made by farmers and sold direct to farmers at very reasonable prices. Now is the time to post up on Harrows, so write for catalogue and prices.

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Cattle and Hog Men Happy

European Conditions, the Wise Ones Say, Will Call For Big Livestock Supplies After a While.

RADE has been restored in livestock circles, and the business is prepared to proceed along normal lines, affected only by weather conditions and such increased demand as may result when Europe settles its troubles. Cattlemen are confident that their product is on a firm basis owing to short supplies, and big requirements and big men feel that the European war ultimately will result in an enormous export trade in pork product. Germany has the biggest swine crop this year in its history, and if peace had continued would have been a material factor in the European supply. But the war stops its exports. Packers, commission men, and bankers are asserting that livestock growers in this country are in a better position now than ever.

Gath. Beauth Fig. 10 in markets last week, the previous week and a year ago:

Cattle Hogs Sheep

Chicago 21,100 16,100 17,150

Chicago 31,200 66,000

Chicago 31,200 66,000

Chicago 3,200 12,300 60,000

Chicago 3,000 12,300 12,300 12,300

Total 4,000 12,300 12,300

Cattle Prospects Excellent.

John Landergin of Amarillo, Tex., one of the big cattle operators of the Panhandle, says that cattlemen have nothing to fear from the war in Europe, and that the full force of diminishing supplies of cattle owing to the continued slaughter of calves will not be felt for two years. Then the acute stage will be reached and some solution of the problem will be imperative.

Mr. Landergin formerly lived in Greenwood county, Kan. For the last nine years he has been handling about \$5,000 cattle annually in the Panhandle. He says that grass never was better; that range will be good up to November and cattle of all kinds will be fat. Also that calves for fall delivery are under contract at \$28 to \$32.50 and that yearlings are bringing \$38 to \$42.50 a head. He bought 5,000 Bell, brand yearlings for \$195,000 or \$39 a head. They will be delivered in September. Prime steers at \$3.50 to \$10 in a general way speaks of the top sales of cattle, but to know just how high these prices are it must be remembered that the cattle have had little grain compared with former years and to that extent are not so good. Cattle that are considered prime now would in years of cheap feed not be considered finished. In proportion as the best steers now are selling high, the plainer kinds are high also. Most of the steers are bringing \$5.50 to \$5.50. Indications are that no heavy movement of Western cattle will materialize this month. Countrymen are back in the competition for thin cattle, and receipts are below requirements.

Hog Market Uncertain.

Hog Markets Still Nervous.

Grain prices continued of fluctuate. There is a big crop of wheat in this country, with export trade suspended on account of the war. Corn has suffered material might export trade suspended on account of the curie prime and guesting for price for the cattle suspended on a large scale kept wheat prices advancing this morning. The chicago September price in Kansas City rose 4% cents to \$3% cents before the end of the limit of the will be advanced

Hog Market Uncertain.

Hog Market Uncertain.

Hog prices broke 75 to 90 cents and then moved to the highest position of the year. That seems like a very simple affair, but the attending conditions were complicated and probably include a big squeeze movement in provisions. Prices for pork were off more than \$2 a barrel and lard and ribs off \$1.50 to \$2. At the low point small holders had to sell and packers raked in the supply. Immediately the prices turned up to new high levels for the year. From hopeless bears in the hog market to aggressive bulls has been the change with packers. It is the general belief that since packers are in control of provisions again they will raise hog prices. Receipts of hogs have been extremely light. Last week fewer than 130,000 arrived at the five Western markets and thus far this year 1,050,000 fewer hogs than in the same period 1913. Saturday hogs in St. Louis sold up to \$9.90; in Chicago \$9.75, and in Kansas City \$9.25.

Monday's Flurry.

Monday's Fluiry.

Only 2,000 hogs reached Kansas City Monday, August 10. The five western market receipts were reduced one-half under 1913. At Kansas City hog prices advenced 40 to 50 cents a hundred pounds. The top sale was \$9.75 in Kansas City. Cattle receipts were about normal, but there was active buying of them as well as of hogs and prices were up 10 to 25 cents. The best steers 501d for \$1.25. Sheep were 10 to 15 cents higher, \$8.40 for top lambs.

Sheep Prices Higher.

Sheep Prices Higher.

Flock-masters are controlling the trend of sheep prices by marketing light supplies. Whether that is to be the policy during the entire fall or is only temporary is difficult to say, but from western reports it is safe to state that fewer sheep will be marketed this year between the middle of August and December than in any similar period in a number of years past. All sections are announcing a shortage in breeding sheep and what per cent of the lamb crop is held back to strengthen flocks will depend on fall weather conditions. The Missouri valley is breeding sheep in limited numbers only and will not be able to get all the thin western lambs it needs for feeding this winter.

Horse Breeders Watch War.

Horse Breeders Watch War.

The items of special interest to horse men from the war zone are that practically all the horses in France, Germany and Belgium are being called into army service. Some of the finest race studs in France are being taken by army officers and the heavy draft horses of Belgium and France are pressed into artillery service. Immense loss is bound to follow. The result, horsemen believe, will be that America, with its well established start in the best blood that Europe affords will be far in the lead in draft horses and following the close of the war will become an exporter. Domestic trade in both horses and mules remains quiet. Owing to the unsettled cotton prospects demand for southern horses and mules will be late in starting this fall.

Movement of Livestock.

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

Kansas City Chicago Omaha St. Louis	81,200 10,100 16,600	Hogs 16,100 69,000 12,300 23,500	Sheep 17,150 42,000 60,000 7,900
Total	103,000	9,900 130,800 225,200 287,600	8,500 185,550 147,250 183,500

thus f	ar i	his.	year	and	same	peri	od in
Cattle			914	982.7	**	nc.	Dec.
Calves	::::		7,269	60,3	48		13,076

Grain Markets Still Nervous.

Grain prices continue to fluctuate. There is a big crop of wheat in this country, with export trade suspended on account of the war. Corn has suffered material impairment owing to continued hot weather. On this basis speculators who are anticipating the return of export trade in wheat, and guessing on the weather with corn, are buying, and keeping the prices of both cereals up. It is the advice of the United States Department of Agriculture that all marketable surplus of grain be held on farms awaiting a general settled condition.

The result is, says Mr. Salmon, that part of the land must be plowed too the wheat must be sown too early in order to get all the wheat sown early

Hay Markets Firm.

Hay is in active demand and prices though not materially higher are firm. Clover hay was the only variety that was quoted up last week but dealers say that if the broad demand is continued a further advance will occur. Dry weather is the basis of the big demand.

Kansas City Hay Quotations.

Prairie,		1.										9.50@10.50
Prairie,	No.	2.										8.00@ 9.00
Prairie,	No.	3.		•				•		•	•	5.00@ 7.50

Timothy, choice	14.50@15.00
Timothy, No. 1	13.00@14.00
Timothy, No. 2	11.00@12.50
Timothy, No. 3	7.50@10.50
Clover mixed, choice	13.50@14.00
Clover mixed, No. 1	11.00@12.00
Clover mixed, No. 2	9.00@10.50
Clover, choice	12.50@13.00
Clover, No. 1	11.50@12.00
Clover, No. 2	9.00@10.50
Alfalfa, choice	14.00@14.50
Alfalfa, No. 1	12.50@13.50
Standard	11.50@12.00
Alfalfa, No. 2	10.50@11.00
Alfalfa, No. 3	8.50@10.00
Straw	4.50

Eggs, Poultry, Butter.

Eggs-Extras, new white wood cases included, 22c a dozen; firsts, 19½c; seconds

Butter—Creamery, extra, 27c a pound; firsts, 24c; seconds, 22c; packing stock, 20c. Live Poultry—Brollers, 1½ pounds or over, 16c a pound; under 1½ pounds, 15c; hens, 13½@14c; old roosters, 9c; turkeys, 15½c; ducks, 10c; young geese, 10c. Potatoes — Carlots, 50@60c a bushel; wagon lots, 60@70c.

Hogs ...1,302,158 1,565,886 ... 363,528 Sheep ...1,094,265 1,130,372 ... 36,107 H. & M... 46,657 47,994 ... 1,337 Prepare Wheat Ground Carefully Cars ... 50,706 66,451 ... 15,745

The principal reason the average wheat

the wheat must be sown too early in order to get all the wheat sown early enough.

Professor Salmon believes that the average Kansas wheat grower pays his hired man more than he himself receives after paying the cost of growing the crop and the interest on the investment, and after deducting the value of the fertility removed from the land. Nebraska with no better soil and a climate not so favorable, produces more than 17 bushels an acre, and Washington more than 21 bushels.

"One of the most important points in growing a good crop of wheat," says Professor Salmon, "is the preparation of the ground. This is true because the storage of water in the soil and the amount of plant food made available depend upon it to a great extent. Food and water are as necessary for plants and water are as necessary for plants as for animals. If plants do not have the right amount of food or enough of it at the right time, they become stunted and will not make so good a yield as they otherwise would.

"Ground that is left in stubble after harvest will not absorb water readily.

Also the stubble continues to carry water up from the soil and allows it to evaporate into the air. Much of the rain, instead of soaking into the soil, runs off into the streams. But if the ground is plowed, run-off is prevented, and the water that falls in heavy rains is more readily absorbed. This water gradually soaks down into the subsoil where it re-

mains for the use of the following crop.
"The necessity of having plenty of water stored in the soil is shown by the fact that a 20-bushel crop of wheat requires about 600 tons of water to the acre. If this amount is not stored in the soil or is not supplied by rain when the crop needs it, less than a 20-bushel yield will be produced. On the other hand, a good crop of wheat can be grown without any rain at all during the growing season, if sufficient water is stored in the soil before the wheat sown.

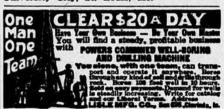
is sown.

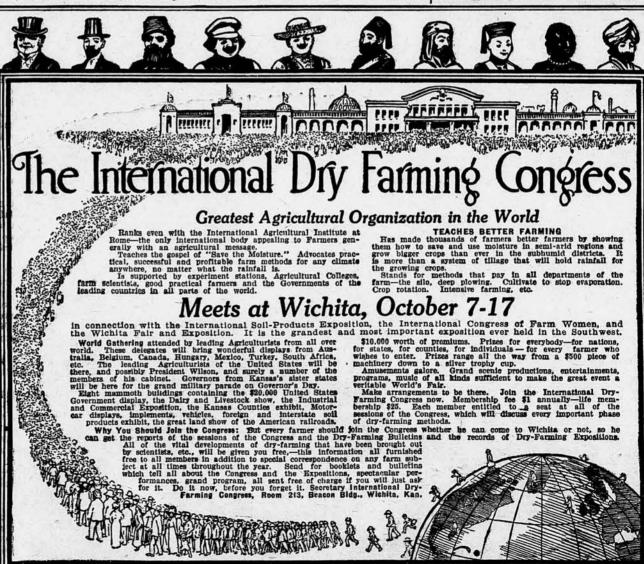
"When a crop of wheat is harvested, it takes from the soil most of the available plant food. Consequently, before another crop can be grown, more plant food must be developed. This is done, to a large extent, by bacteria which work on the vegetable matter stored in the soil. As bacteria require both moisture and air, very little plant food is developed in a soil that is dry and hard, as is unplowed ground. For this reason, ground that is plowed late does not contain so much plant food as that which is played early?" is plowed early."

If you feel that you must fondle someone this hot weather, pick on some-one of your size. The baby has trou-

Do You Want to Go to the San Francisco Fair Free?

We are able to offer you a splendid chance to see this magnificent Exposition, as well as the many other wonder places of California, without a cent of cost to yourself. Side trips to points of interest on the way there and back. Immediate decision necessary. Write today for free sample copy giving full particulars of this great proposition. Treasurer W. Woman's National Weekly, University City, St. Louis, Mo.





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 4½ 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 officulation over 104,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the 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 obstruction. 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.

POULTRY S

BUFF ROCKS. WILLIAM A. HESS, HUM-boldt, Kan.

BIG TYPE BARRED ROCKS. GUARAN-teed winners. A. H. Duff, Larned, Kan

PENCILED DRAKES AND DUCKS. WHITE drake 70c for a short time. W. S. Jefferson, Oswego, Kan.

COCKERELS FOR SALE AT 75C. D. W. Young strain of S. C. W. Leghorns, if taken now. Mrs. Elsie Thompson, R. No. 5, Mankato, Kan.

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

愛UVE STOCK

WANTED TO BUY A BUNCH OF GOOD winter milk cows. J. L. Coates, Greensburg, Kan.

REGISTERED DUROCS, MALES AND FE-males, first class stock, weaned pigs. F. Kremer, Manchester, Okla.

HIGH GRADE HOLSTEIN CALVES, either sex, 3-4 weeks old. \$17 each, crated. Burr Oak Farm, Whitewater, Wis.

FOR SALE: ONE REGISTERED 3 YEAR old Jersey bull, one 6 months Jersey bull calf, two young fresh Jersey cows. U. F. Denlinger, Baldwin City, Kan.

ORDERS FOR THE PURCHASE OF ALL classes of dairy cattle on a commission basis are solicited. Write me your wants. L. R. Brady, Manhattan, Kan.

FOR SALE—FIVE HEAD WORK HORSES, four head cattle, all my farming implements, fifteen acres of drilled feed, and household goods. Will rent my farm of bottom land, 160 acres, to purchaser. O. S. Reed, R. R. No. 1, Rush Center, Kan.

SEEDS NURSERIES

ALFALFA SEED. FINE QUALITY ALfaita seed for sale. For samples and price address D. Badger, Eureka, Kansas.

ALFALFA SEED-I HAVE 100 BUSHELS fine seed for fall sowing. Ask for samples and prices. E. A. Fulcomer, Belleville, Kan.

GOOD ALFALFA SEED. \$7.00 PER bushel. 10 bushels or more \$6.50. Write for samples. A. L. Klene, Valencia, Kan., Route 25.

O BU. KANSAS GROWN ALFALFA. Strictly pure. Extra fancy. Tested and aded \$9.00 bu. Sacks 22 cts. extra. Order day. Sheldon Seed House, Ottawa, Kan.

FOR SALE—WE OFFER PURE SUDAN grass seed, the wonderful new forage plant introduced by Federal Department of Agriculture; also pure feterita and Sumac cane seed. All have been inspected by committee of State Experiment Station association, Prices: Sudan \$1 per pound; feterita and Sumac cane 75c per peck; \$2.50 per bushel. Address A. Laster, Sec'y Bell Co. Exp. Sta. Assn., Belton, Texas.

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FOR SALE—WELL IMPROVED 160. GOOD house. \$17 a. Address John Frey, Burns, Kan.

SOME GOOD BARGAINS IN DEEDED land. Call or write me. J. H. Frazier, Peetz, Colo.

LINEKER LAND COMPANY. NORTHERN California olive, orange and peach land for sale and trade. Palmero, Calif.

FOR SALE—320 ACRES 13 MILES NORTH of Wallace, Kan.; price \$2,000 cash, if taken soon. S. E. Brook, McKllaster, Kan.

61 A. FARM AND RETAIL DAIRY BUSI-ness of \$2,500 per yr. Sell together or separate. P. J. Cottrell, owner, Larned, Kan.

80 ACRES WELL IMPROVED CREEK bottom farm, in Chautauqua county, Kan., for sale cheap. Ben Wilcox, Burley, Idaho,

FOR SALE—160 ACRES OF NICE SMOOTH land, 10 miles to railroad, east central Colorado, for quick sale \$1,200. C. A. Wade, Shelbyville, Ky.

MICHIGAN FARMS, FRUIT, LIVESTOCK, alfalfa. Best land, near best markets. Opportunities now. Address G. Blickenstaff, Custer, Mich.

SELL YOUR PROPERTY QUICKLY FOR cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

OWNER MUST SELL FOUR QUARTER sections western Kansas lands. An extremely low price for quick sale. Box 990, Fort Worth, Texas.

LANDS

IMPROVED 160 NEAR GOOD MARKETS and schools; splendid neighborhood. Priced right. Must sell soon. Box 86, Altamont, Labette Co., Kansas.

320 ACRES, ALL TILLABLE, MOSTLY IN cultivation, about 5 miles from Scott City, \$20.00 per acre. Want good gen'i mase, stock in good location. Box 401, Stafford,

WELL IMPROVED 160 ACRES 50 MILES from Kansas City. Good soil and water, fine neighborhood, for sale at a bargain, \$60 per acre, part terms. John J. Harrison, Collyer, Kansas.

FOR SALE — THREE QUARTERS OF wheat land in the wheat belt of Kansas. Six miles from R. I. Ry. Fair improvements, \$13.00 an acre. No. trade. Paul Owcarz, Belleville, Kan.

THREE ACRES, FIVE ROOM HOUSE, barn, chicken house, hog pens, three-quarters mile car line, Topeka, on macadam road, \$2,000.00, terms. Address J., care Farmers Mail and Breeze.

FOR SALE—A WELL IMPROVED 80 ACRE farm in Smith county, 9 ½ miles from rail-road; good corn and alfalfa land. Will give terms. Write owner for particulars. Address Mr. M. R. Sealock, R. R. No. 1. Portis, Kan.

ADVERTISE YOUR PROPERTY IN CAP-per's Weekly for quick and sure results. 250,000 circulation guaranteed—among best farmers in Kansas and adjoining states. Advertising rate only &c a word. Address Capper's Weekly, Adv. Dept., Topeka, Kan.

FOR SALE—I OWN 935 ACRES SMOOTH rich prairie land, El Campo section, best part of Gulf coast, Texas. Good rainfall; all fenced, 3 sets of improvements, silo, 2 wind mills, pumping plant for rice, etc. Will sell all or part. Need money, will sacrifice for cash. H. B. Wren, El Campo, Texas.

FOR SALE OR RENT—40 ACRES, 3 MILES of Carbondale, Kan.; 30 under cultivation, balance pasture and little timber on creek; 2-room house, barn, cow lot, chicken house and corn crib; 1 mile to good school; 3 to church and store; fine neighborhood. Am widow and must sell or rent quick.—Bargain. Mrs. Rachel Layman, Carbondale, Osage Co., Kan.

TEXAS FARMS ON TEN YEARS' TIME. productive lands located near rallroad station in famous East Texas cotton, corn and fruit belt. Mild two crop climate. Ample rainfall, unlimited supply of pure water. Potatoes, peaches, grapes, strawberries and all kinds of fruit and vegetables that bring enormous profits. Excellent hog, dairy and poultry country. Liberal opportunity for man of small means to get a start on his own land with ten years to pay for it. Price \$25 per acre. Write at once for map and information. Geo. L. Wilson, owner, 673 Union National Bank Bidg., Houston, Texas.

National Bank Bidg., Houston, Texas.

TEXAS FARMS ON TEN YEARS' TIME. Productive lands located near railroad station in famous East Texas cotton, corn and fruit belt. Mild two crop climate. Ample rainfall, unlimited supply of pure water. Potatoes, peaches, grapes, strawberries and all kinds of fruit and vegetables that bring enormous profits. Excellent hog, dairy and poultry country. Liberal opportunity for man of small means to get a start on his own land with ten years to pay for it. Price \$25 per acre. Write at once for map and information to Geo. L. Wilson, owner, 613 Union National Bank Bidg., FINE TOPEKA HOME FOR SALE—I WILL.

Houston, Texas.

FINE TOPEKA HOME FOR SALE—I WILL sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 61½ by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade, Address R. W. E., care Mail and Breeze.

FARMS WANTED

WANTED: GRAIN AND STOCK FARMS, from 40 to 800 acres, for cash buyers. Will deal with owners only. Give price, description, and location. James P. White, New Franklin, Mo.

OILS.

KEROSENE \$3.75; GASOLINE \$6.35; crude dip \$5.00 per 52 gallon barrel. \$1.50 rebate allowed for the emptles returned prepaid to Coffeyville, Kansas. Automobile oil 24c; steam cylinder 24c; castor machine 19c; graphite harvester 15c per gallon, etc. Axle grease \$1.00; transmission \$1.75; cup \$1.75 per 25 pound pail. Prompt shipments, satisfaction or money back. Try us if you never have. Neosho Valley Oil Co., Station E., Kansas City, Mo.

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MEN OF IDEAS AND INVENTIVE ABILity should write for new "List of Needed
Inventions." Patent Buyers and "Row to
Get Your Patent and Your Money." Advice
free. Randolph & Co., Patent Attorneys,
Dept. 25, Washington, D. C.

Fort Worth, Texas.

COME TO NORTH WEST ARKANSAS, good climate, good schools and churches, and good cheap land. Write Jno. L. Sanders, Marshall, Ark.

DEAS WANTED—MANUFACTURERS ARE writing for patents procured through me, writing for patents procured through me, writing for patents of the writing for patents procured through me, writing for patents of the writing for

SAIL KEROSENE 1530 ENGINE, 6 PLOWS. Address S., Mail and Breeze.

THOROUGHBRED SCOTCH COLLIE PUPS for sale. W. H. Smee, Zurich, Kan.

FOX TERRIER PUPS FIVE DOLLARS each. E. M. Cooper, Neodesha, Kan.

FOR SALE-STEAM PLOW ENGINE, 12 plows. Plummer & Sons, Monument, Kan. WO REGISTERED COLLIE BROOD bitches, open. R. A. Fullerton, Skiddy,

Kan. CONSIGN YOUR HAY TO E. R. BOYNTON Hay Co., Kansas City, Mo. Established 1889.

PEDIGREED COLLIES—\$2.50 FOR FE-males, \$4.00 for males. S. C. Gardner, McLean, Ill.

PEDIGREED SCOTCH COLLIE PUPS. Male \$5. Female \$3. James E. Gardner, Fredonia, Kan.

MODERN HOUSE IN MANHATTAN, KAN., near college, \$2,900, if taken soon. Rev. Atkinson, Leavenworth, Kan.

SABLE AND WHITE SCOTCH COLLIES; from registered heelers, females only. Seth Sylvester, Burlington, Kan.

FOR SALE—AIREDALE TERRIERS AND also a few English buil pupples. All eligible to registration, Carl Haggenjos, Galesburg, Ill.

LUMBER—HOUSE AND BARN BILLS Di-rect from mill to consumer. Wholesale price. Shipped anywhere. McKee Lumber Co., Shawnee, Okla.

NEW CORN HARVESTER SLED. WITH binder. Better than the rest, cheaper than the rest. Send for description and testimonials. Fred H. Pettit, Anthon, Okla.

ENGINE AND PLOW. MUST BE SOLD at once, International gasoline engine, 15 H. P., and set of Moline plows. Almost new; in fine condition. Don't write; come see it plow. Walter Petty, R. 1, St. Paul, Kan.

COLLEGE HILL HOME. EIGHT ROOM house, three lots, shade and fruit trees, city and well water, gas and electricity, bath, etc. Price and terms reasonable. Mrs. Henrietta Clark, 1291 Mulvane St., Topeka, Kan.

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RESIDENCE IN BALDWIN FOR LAND IN north central Kansas. M. Tillman, Baldwin, Kan.

GOOD RESIDENCE PROPERTY IN GOOD repair to trade on small farm. Jno. L. Postlethwaite, Elk Falls, Kan.

AUTOMOBILES

SEVEN PASSENGER 60 HORSE POWER Winton six, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. Can be bought at a great bargain. This is a great family car and has only been used by owner. Would also make profitable investment as livery car in country town. T. D. Costello, 1512 Waldhelm Bldg., Kansas City, Mo.

WILL PAY RELIABLE WOMAN \$250 FOR distributing 2,000 packages Perfumed Soap Powder in your town. No money required. M. Ward & Company, 218 Institute Place, Chicago. Chicago

THOUSANDS GOVERNMENT POSITIONS open to men and women over 18. \$65 to \$150 month. Farmers have excellent chance. Write immediately for list of open positions. Franklin Institute, Dep't K-51, Rochester,

MALE HELP WANTED

GOVERNMENT FARMERS WANTED. EX-amination Oct. 14. Good salary. Write, Ozment, 38 F, St. Louis, Mo.

MOTORMEN — CONDUCTORS; INTERURbans; earn \$80 monthly; experience unnecessary; qualify now; state age; details free. F., care Mail and Breeze.

RAILWAY MAIL CLERKS, CLERK-CAR-riers and rural carriers wanted. I con-ducted examinations—can help you. Trial examination free. Ozment, 38. St. Louis.

LEARN WATCH REPAIRING; THE BEST paying trade. Begin now under personal instruction. Earn while you learn. Write for full details. Watch School, 821 East 12th St., Kansas City, Mo.

WANTED—MEN 18 YEARS OR OVER, become government railway mail clerks. Commence \$75.00 month. Examinations coming everywhere. Sample questions free. Franklin Institute, Dep't K-51, Rochester, N. Y.

MEN 20 TO 40 YEARS OLD WANTED AT once for electric railway motormen and conductors; \$60 to \$100 monthly; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address Manager, B-122 Dwight Bldg., Kansas City, Mo.

AGENTS WANTED

AGENTS WANTED — HOMES, OFFICES, outbuildings, automobiles should not be without them. Demonstrate and a sale is made. Write Williams Mfg. Co., 5939 Parnell Ave., Chicago.

AGENTS WANTED FOR FULL LINE fruit trees and shrubs. Work full or part time as you prefer. Draw pay every week. We teach you. Outfit free. Lawrence Nur-series, Lawrence, Kan.

\$100 FOR YOU. YOU CAN MAKE \$100 A month easily by acting as our agent. Business everywhere. No capital required. Your opportunity. Will you improve it? Write today for our liberal terms. Moore Monument Co., 43 East 3rd St., Sterling, III.

SPLENDID PAYING BUSINESS READY for refined, intelligent man or woman, over 30 years old, to take hold of as district agent. Large corporation. Products extensively advertised. Thousands use and indorse. Every home needs badly. Investment of \$52.50 fully secured. Position should pay over \$2500 yearly. Satisfactory references required. 906 Curtiss Bidg., Buffalo, N. Y.

BUSINESSICHANCES

BUTCHER SHOP, FIXTURES FOR SALE.

Good business and location. San Wedel.
Pawnee Rock, Kan.

FOR SALE ONE IRON-CLAD AND CE-ment feed mill building with electrical equipment, doing fine business. \$4,000 if taken soon. Write I. N. Chilcott, Mankato, Kan., for further information.

FOR SALE—A STOCK OF GENERAL MER-chandise consisting of dry goods, overalls, hats, shoes, and groceries. Also a meat marke and ice house. 85 cts. on the \$ cost price if taken soon. A well established trade, Will rent store building to purchaser. Ed Casteel, Maramec, Okla.

FREE FOR SIX MONTHS—MY SPECIALoffer to introduce my magazine "Investing for Profit." It is worth \$10 a copy to
anyone who has been getting poorer while
the rich, richer. It demonstrates the real
earning power of money, and shows how
anyone, no matter how poor, can acquire
riches. Investing for Profit is the only progressive financial journal published. It
shows how \$100 grows to \$2,200. Write now
and I'll send it six months free. H. L. Barber, 425, 28 W. Jackson Blvd., Chicago.

MISCELLANEOUS

CAMERA FREE FOR A LITTLE WORK. Harry Hockman, Beattle, Kan.

GET GOVERNMENT JOBS. OPEN POSI-tions list free. Franklin Institute, Dep't K-51, Rochester, N. Y.

HOTEL AND RESTAURANT DOING GOOD business in small town. Easy terms. Ad-dress Clara St. Clair, Neosho Rapids, Kan.

MAN MIDDLE AGED WANTS WORK ON farm, milk, do chores, reliable, refined, drive gentle horses. State wages. E. Stevens, Hoisington, Kan.

YOU MAY HAVE A BUSINESS TRAINING.
Whatever your circumstances. The Success Club, Topeka, Kan., will find you a
way. Write fully. Enclose stamp.

WILL PAY RELIABLE MAN OR WOMAN \$12.50 to distribute 100 free pkgs. Perfumed Borax Soap Powder among friends. No money required. M. B. Ward Company, 218 Institute Pl., Chicago.

I HAVE A HOME FOR A POOR WOMAN, middle aged, of good character. I want her for a companion. I am living alone, If any reader knows of such a person who would be benefited by such an arrangement, please write to Mrs. A. M. O'Neal, R. 1, Liberty, Kan.

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10 cents. Biggest and best general home
and news weekly published in the West.
Interesting and instructive departments for
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trial subscription—twenty-six big issues—10
cents. Address Capper's Weekly, Dept. W.
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OREGON STATE PUBLICATIONS FREE-Oregon Almanac and other official books published by State Immigration Commission, telling of resources, climate and agricultural opportunities of the man of moderate means. Ask questions. They will have painstaking answers. We have nothing to sell. Address Room 112, Portland Commercial Club, Portland, Oregon.

To Loosen Rusty Screws

J. H. BROWN, Atchison, Kan.

One of the simplest and readiest ways to loosen a rusty screw or nut, is to apply heat to it. A small bar or rod of iron, flat at the end, is reddened in the fire and applied for two or three minutes to the head of the rusty screw or nut, and as soon as it is heated, the removal is rendered as easy as if the screw was a new one.

BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

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All advertising copy, discontinuance orders and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

WRITE A. Lindstrom for bargains in Kan-sas and Arkansas lands. Ottawa, Kansas.

FOR a square deal in wheat lands, ranches, write R. C. Buxton, Utica, Ness Co., Kan.

FINE combination pasture and bottom farms. Big money-makers. V. A. Osburn, Eldo-rade, Kan.

WE HAVE special snaps in three farms for quick cash buyer. Bronston & Sons, Garnett, Kan.

820 A. highly improved, 6 ml. Herington.

Best farm in county. Exchange. Stock ranch. Mott & Kohler, Herington, Kansas.

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

SAFE investment, cheap for cash, 320 acres good timber land, never been cut over, near Salem, Mo. T. N. Castles, Lawrence, Ks.

80 A. IMP. 3 ml. town, bottom, 20 a. alfalfa. \$75 acre. Other bargains. Free lists. Fred J. Wegley, Emporia, Kansas.

GREAT corn, wheat, and tame grasses, in Johnson Co., Kan., 30 ml. K. C. For farm prices address W. E. Tisdale, Spring Hill, Kan.

FOR SALE. S. E. quarter, sec 30, Twp. 23, Range 36. 7 mi. north of Lakin, Kearny Co., Kan. Address N. Ferguson, 332 W. College Ave., State College, Pa.

80 A. 1% mi. from high school town in northeast Kansas. Price \$65. First pay-ment \$1,000. Carry long time at 6 per cent. Address J. B. Wood, Seneca, Kansas.

THREE SNAPS: 120 a. imp., 2nd bottom, no overflow, 2½ ml. out, \$100 a. 100 a. 2 ml. P. O., fair imp., \$90 a. 80 a. close in, imp., \$4,000. Decker & Booth, Valley Falls, Kan.

320 A., Stevens Co., 3 mi. from Moscow on Santa Fe cutoff; level black wheat land; price \$3,600; would take good auto in part payment. Chas. W. Elisaesser, Liberal, Kan.

I CAN SELL YOU the finest farms, not to be excelled anywhere for the price. For al-falfa and grain farms. Stock raising. De-scriptions and prices on request. Cash and good terms. H. H. Stewart, Wellington, Kan.

231 A. Ark. river bottom corn farm; ten room house, large barn, etc. The cream of the cream in Sedgwick Co., Kan., worth \$75 per a., for quick sale at sacrifice price of \$10,000. C. F. Fouquet Inv. Co., Andale, Ks.

PUT YOUR REAL ESTATE or business for sale or exchange before thousands of real buyers everywhere. No commission. Send stamp for details. Dept. M. B.; U. S. Real Estate & Business Ex., Siloam Springs, Ark.

SEDGWICK COUNTY FARM BARGAINS, 240 a. farm, 160 river bottom in wheat. Best alfalfa land, fair improvements, 2 miles of R. road town, only \$50 per acre, \$4,000 cash, balance terms. Six per cent. 160 farm, large house, barn, 110 a. in crop, 30 a. fine alfalfa. Wheat making \$5 bushels per acre. \$75 per a. Will trade this fine home for smaller farm. 11 lots, good \$7 com house, cellar, barn, hen houses, shade, fruit, in suburbs of Wichita. Fine for poultry. Only \$2,250 About half price. H. E. Osbarn, 227 E. Douglass, Wichita, Kansas.

THREE IMPROVED 80 acres located close to Princeton, Kan., \$70 per acre.
R. M. McGinnis, Princeton, Kan.

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

FOR SALE—160 acre farm ½ mile to school 3½ miles to town. Price \$7,200.

J. H. King, Cawker City, Kansas.

IF YOU WANT one to five acre tracts or farms write Doane & Sons, Strang Line, Lenexa, Kan.

FOR BARGAINS in improved farms in Cath-olic settlements. Exchanges made. Write Frank Kratzberg, Jr., Greeley, Kansas.

240 A. FARM at auction. 2 mi. high school, Eureka, Kan. August 20th. For list,

\$15 to \$25 per acre. Write for price list, county map and literature.

Floyd & Floyd, Ness City, Kansas.

I AM IN THE ALFALFA, corn and bluestem grass country; have a list of bargains in land that pays. List free. Gus Schimpff, Burns, Marion Co., Kan.

BARGAINS! 155 a. 3½ ml. out, well imp. \$12,000, 100 a. 2 ml. out, imp., \$85 a. 194 a. 4 ml. out, imp., \$8,000. 80 a. 4 ml. out, new, imp., \$80 a. Compton & Royer, Valley Falls, Kan.

960 ACRES, CHASE CO., KAN.
80 acres alfalfa land, 300 acres under cultivation; 120 meadow, balance pasture; living water and timber; 330.00.
Victor Carson, Owner, Dodge City, Kan.

NESS COUNTY LAND. NESS COUNTY LAND.
\$12 to \$30 buys good wheat and alfalfa
land in a county that produced 135,000 acres
of splendid wheat. For Trade: Imp. choice
sec., ½ bottom, near Ness City. Want Eastern land or income property. Price \$22,400,
enc. \$8,000. C. F. Edwards, Ness City, Kan.

SELL YOUR PROPERTY QUICKLY no matter what or where it is. Pay no com-missions. Particulars free. Dept. F, Co-op-erative Salesman Company, Lincoln, Neb.

WANTED—Kansas and Oklahoma land in exchange for Canada, Iowa, Ill., Colorado (irrigated) farms and city property. Box 185, Independence, Iowa.

BUY WHEAT LANDS: We have large list of lands in the great Kansas wheat belt, at prices ranging from \$1,000 to \$12,000 per quarter. One crop pays for land, in many cases. Write

The Howard Land & Loan Co., Pratt, Kan.

368 A. combination stock and grain farm.
175 a. alfalfa land, bal. good upland,
well improved; close town. Price \$50 a.
160 a. creek bottom alfalfa land; never
failing water, good timber, improvements
poor, close town. Snap \$45 per a.

I. N. Wells & Son, Emporia, Kansas.

SPECIAL BARGAIN.

200 acre, well improved farm, two miles from town; all nice smooth level land; all fenced hog tight. Price \$55 per a.

Gile & Bonsall,

South Haven, Sumner Co., Kansas.

80 ACRES ONLY \$900.00.
80 a. 10 mi. Wichita; good black valley land; extra good bldgs.; 20 acres alfalfa; only \$900 cash, bal. \$500 yearly. Price \$6,400.00

R. M. MILLS, 1003 Schweiter Bldg., Wichita, Kansas.

Write Us Today

For bargain list S. E. Kansas farms Foster Bros., Independence, Kanas.

Alfalfa Farm in Chase Co.

150 a. 4 ml. to three towns, all bottom land, 80 a. alfalfa, bal. corn. Good buildings, daily mail, phone, price \$125 per a. Liberal terms. Other farms and ranches.

J. E. Boccok, Cottonwood Falls, Kan.

All Bargains

acre truck farm 4 miles out, \$2,750.00. 0 acres 4½ miles out, \$5,200.00. 0 acres 3½ miles out, \$5,200.00. DONAHUE REALTY CO., Mound Valley, Kansas.

Kiowa County

Land bargains. Write for descriptions. Seeral of my own farms; can make terms suit. C. W. Phillips, Greensburg, Kan.

BUY LAND

115 acres 2½ miles of Ottawa, 85 acres creek bottom alfalfa land, 15 acres bluegrass, 8 acres fruit, 4 acres clover, 2 wells and windmill. Price \$10,000.00. Write for list.

MANSFIELD LAND COMPANY,
204 S. Main St., Ottawa, Kan.
Ind. Phone 201. Bell Phone 202.

Special Snap

80 acres, improved. Well located. In south-eastern Kansas. Terms \$800 cash. Balance in small payment from 2 to 10 years. Price very low. Fine climate. Big crops. Send for illustrated booklet. Address The Allen County Investment Co., Iola, Kan.

FINE GRAIN FARM FOR SALE

200 acres smooth land, 5 miles from town; Anderson Co., Kan. Well improved, fine crops on farm; good neighborhood, hundreds of head of cattle have been fed on this farm. Is offered at a bargain; no trades. J. F. Ressel, Owner, Colony, Kansas.

BUY LAND

80 acres smooth tillable land, 4 miles of town, 25 acres clover, 10 acres native grass, 6 room house, barn 30x30, other outbuildings. Price \$66.00 per acre, Write for list.

MANSFIELD LAND COMPANY, 204 S. Main St., Ottawa, Kaness.
Ind. Phone 201.

Bell Phone 202.

Central Kansas Smoky Valley Stock Farm

One of the finest stock farms in Central Kansas, 694 acres, now on the market because of an estate being closed. In rich Smoky Valley, ten miles south of Salina and two miles from shipping station. 400 acres river bottom, 600 acres cultivated. 83 acres in alfalfa and all necessary improvements. No trades. For full description write H. H. Eberbardt. Salina Kansas. H. H. Eberhardt, Salina, Kansas.

ARKANSAS

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

ARKANSAS farms for sale. Terms. List free, Everton Real Estate Co., Everton, Ark.

FOR EXCHANGE, farm, pool hall, picture show and drug store. Leslie Land Co., Leslie, Ark.

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

FOR DES. LIT., city props., Ark., and Okla. farm, fruit, timber, grazing lands, write Moss-Ballon & Hurlock, Siloam Sprgs., Ark. IF YOU WANT a stock or fruit farm of any size in the land of cold springs, fine streams, the home of the apple, come to or write to Howard & Smith, Hiwasse, Benton Co., Ark.

FINE farm land; sure crops, corn, oats, cotton, clover, alfalfa. No rocks nor swamps. Easy payments. Discount for cash. Free map. Tom Blodgett Land Co., Little Rock, Ark.

17,000 ACRES, no rocks, hills or swamps.

Any size farms Grant Co., \$1.50 per a.
down, bal. 20 years at 6%. Grant County
Land Co., Opposite Union Depot, Little Rock,
Ark.

WRITE for land list and tell us just what you want to buy or trade.

Horton & Company, Hope, Arkansas.

RIO GRAND VALLEY, Ozark and Arkansas lands. Write for prices and lists.

J. F. Bradshaw, Lenexa, Kan.

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.

LEE & WARD sell farms and city property in Bentonville, Ark. Mild climate, pure water, and good health predominate. Write us at 1524 Main St., N. E. of Frisco Depot.

80 A. good upland 4 mi. Morrilton on good road, 50 a. cult., all tillable, fair improve-ments, good fence, orchard, fine water, good neighborhood. \$1,800; possession Jan. 1. Stephens, Cazort & Neal, Morrilton, Ark.

A MONEY MAKER. Fine fruit farm of 60 a. Price \$6,500; good terms. Have other extra bargains. Address Frazier Realty Co., Gravette, Ark.

FOR SALE

917 a. farm; best improved in Baxter Co. Barn 150x150, scales, extra good 9 room house, 300 acres in cultivation. All farming tools and threshing outfit. All for \$16,000. 160 acres % ml. 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.

NORTH DAKOTA

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

WRITE for illustrated Blue Book describing my rich Red River Valley farms. Soil black loam. We grow corn, clover and wheat. Ad-dress William McBoberts, Casselton, N. D.

CROP PAYMENTS.

North Dakota land \$20 to \$30 per acre, \$4 ash, half crop and half cream until paid. 5 cows free with each section, 7 with \$20.

Vrite owners, Sylvester Bros., St. Paul, Minn.

NORTH DAKOTA LANDS

Direct to Purchaser.

Crop conditions in North Dakota were never finer than now and land prices are going up. To obtain settlers along our 1200 miles of track here we have obtained listings of several hundred thousand acres of choice lands, ready to farm, and will sell these at cost. Prices will never be so low again. Roads, schools, churches, railroads all established. Very low excursion rates Mondays and Tuesdays. Come and see lands yourself or write for full particulars. J. S. Murphy, Immigration Agent, Soo Line Railway, Minneapolis, Minn.

NEW YORK

McBURNEY'S NEW YORK FARMS. Improved, cultivated and priced at half value, make western farmers buy on sight. Come now, see, and bind your bargain quickcuse, New York.

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

Stock and Dairy

505 Acres—Leavenworth Co., Kansas 35 Miles From Kansas City

An exceptional bargain to close an estate if sold in 30 days. An ideal stock farm with 240 acres in bluegrass pasture; 116 acres timothy and clover; 90 acres alfalfa; 60 acres in corn; 140 acres bottom land suited for alfalfa. Two sets improvements. All in good condition. Plenty of shade, with pure water, small creek, living springs and wells. Rallroad stock yards on place and open into pasture. This farm is 35 miles west of Kanpas City on trunk line of Missouri Pacific rallroad. Can sub-divide farm into 120, 225 or 385-acre tracts if desired. Cash or terms to suit by the owner. Address

Bradley Alderson & Co., Kausas City, Mo., or the Hemphill Land Co., Lawrence, Kan.

MISSOURI

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

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

WRITE O. J. Tapp for farm lists Johnson county. Exchanges made. Warrensburg, Mo.

FOR SALE—By owner, irrigated alfalfa farm, on terms enabling buyer to make payments from proceeds of crops. Address 614 Commerce Bidg., Kansas City, Mo.

IF YOU want a high grade central west Missouri farm, large or small, write J. H. Kyle, Clinton, Missouri.

IF YOU want a farm in Cass or Jackson counties, I have what you want. Write me.
A. R. Wherritt, Pleasant Hill, Mo.

MANY FARMS FOR SALE, 40 to 100 miles of Kansas City; real bargains. G. W. Depue, Drexel, Mo.

FARMS FOR SALE. Eastern Kans. Western Mo. 30 miles south K. C. Write for lists. L. W. Kircher, Cleveland, Mo.

473 ACRES 2 miles Amoret, in Bates Co., Mo. Well improved. Owned by non-resident. Must be sold. Terms. C. H. Hutchins, Amoret, Mo.

IF YOU WANT TO BUY a good farm close to Kansas City, that will raise good crops of corn, clover, timothy, wheat, bluegrass and alfalfa, write to

A. B. Behon, Harrisonville, Mo.

OZARKS. 140 acres; 20 acres bearing orchard; fine springs; fair improvements; good vineyard; good roads; good neighborhood; located 192 miles south of Kansas City on Kansas City Southern Railway. Price \$40.00 per acre; terms.

B. S. Dunn, Anderson, Mo.

Central Missouri Write for descriptive wheat, and bluegrass farms in Callaway Co. Hamilton & Crenshaw, Box 7, Fulton, Mo.

40 ACRES, best sandy loam land, 5 acres clear, 2 room house; rest cut over timber easy to clear, Best location; no overflow. \$26, easy terms. Chance for poor people.

F. Gram, Naylor, Mo.

COLORADO FOR SALE. Deeded land, desert and home-stead entries, near R. R. station. \$10 per a. Wm. Tew, Sterling, Colo.

EASTERN COLORADO offers great opportunities to you. Good climate, soil, water and the best of land at \$10 to \$25 per acre. Wheat yielding 20, to 45 bu. per acre. Write for descriptions, etc. Frank Vanderhoof, Otis, Washington Co., Colo.

CAN GIVE 3 ACRES of irrigated land with house, within one mile of Town Hall, for \$1150 to \$1950. Cherries, apples, small fruits and vegetables will give \$500 to \$1500 each acre each year. Sales Agency buys for cash what is raised. Twenty-nine houses occupied by owners who are making money. Fine climate, perfect health. One-fifth down, balance to suit. Send for illustrated circular.

Rainbow Park Land Co., Florence, Colorado.

BIG CROPS IN COLORADO

Last chance to buy land at presen. prices. Winter wheat promises to make 40 bushels per acre on dry lands. We own 13,000 choice acres, Weld county, near Carr. Denver only 85 miles; Greeley 30; near mountains. Fine climate, beautiful scenery. Your choice of land at \$15 to \$20 acre. Easy terms. Smith Estate lands being closed out. Don't miss this. Write at once for plat and particulars. ELWOOD LAND COMPANY, 749 McKnight Bldg.

320 ACRE HOMESTEADS 320 ACRE

Great opportunities. We have the finest soll, climate, water, crops, schools, people; a better country than many eastern states. These 320's will cost you from \$100 to \$500 according to distance, improvements, schools, free range and the best stock country in the world. If you want one of these places you will have to get here at once. We have charts and a line on everything in the best of eastern Colorado. 2 miles from Kansas on the Missouri Pacific.

E. T. Cline and F. H. Grigg, Tewner, Colo.

MONTANA

MONTANA FARMS for sale. Write for list. Platt & Heath Co., Helena, Montana.

Platt & Resti Co., Acceptable and Strands.

We can locate you on 320 acres. All plow land; rich soil, good water. R. F. D. routes, free coal and timber. Write

DAVIES REAL ESTATE CO.,

Rillings. Montana,

MONTANA AGRICULTURAL LANDS
Winter wheat, corn, fruit and alfalfa lands,
in the Billings District (best climate in the
world) at prices from \$7.00 to \$25.00 per
acre, easy terms. Write for literature.
Central Montana Inv. Co., Billings, Mont.

ALABAMA

ALFALFA LANDS.

In the last year we have sold more alfalfa land than any other firm in the prairie region of Alabama or Mississippi. Reason: Quality of soil and prices. Come to Demopolis, Ala., and see for yourself. C. C. Clay Alfalfa Land Co., Demopolis, Ala.

OKLAHOMA

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

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

FOR SALE by owner: 640 acre farm in Mayes county, Okiahoma, at \$30 per acre, small payment down, balance twenty semi-annual payments. Write for particulars. Louis E. Hohman, Room 20, Neb. Bldg., Tulsa, Okia.

MR. RENTER: Why don't you come here and buy a good improved farm at \$25 per a, on good terms instead of working for someone else all your lives? Write Southern Realty Company, McAlester, Okla.

FOR RENT. A 240 acre farm, close to city of Muskogee; 120 acres in cultivation, bal. meadow and pasture; well improved; running water, good wells, good roads, neighborhood etc. Will rent for cash rent, or would like to go in with some honest, industrious German family, and raise dairy cattle, and other live stock. Would like to rent to someone who is able to get busy right away preparing for next year. I will give a desirable man a term of years. You need not reply unless you are able to take care of your share. Address W. J. Anicker, 817 Barnes Bidg., Muskogee, Okla.

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.

For Sale by Owner

Beautiful valley farm, between 400 and 500 acres, very rich land, no overflow. New, modern improvements. Will divide into two farms, if desired. 25% cash, liberal terms on balance. Location three miles east of Vinita, Oklahoma. W. M. Mercer, Aurora, Illinois.

WISCONSIN

120 A. improved farm \$3,000. Unimproved lands, rich soil, \$15. Clover, corn, stock country. Jonas Bergh, Eau Claire, Wis.

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

OFFICIAL PUBLICATIONS concerning the soils, climate and crops of Wisconsin may be had free by writing Wisconsin State Board of Immigration, Capitol 333, Madison, Wis.

200 A. imp. stock, corn, clover and alfalfa farms. 30 ml. from St. Paul. Best lands. Prices will double. Can show farmers making \$100 an a, on our lands.

E. L. Williams, River Falls, Wis.

Upper Wisconsin Lands

Wanted! Farmer Agent in every county to sell our Chippewa Valley land. The heart of the clover region. Liberal commissions. J. L. Gates Land Co., Milwaukee, Wis.

Settlers Wanted For

our drained, level farm lands, Swithern Wisconsin. \$35 to \$45 per acre. Easy terms. Great for corn alfalfa, clover, timothy and dairying. Droughts unknown; no hills, rocks, alkali, hardpan or stumpage. Trades considered. Sample of soil sent free. Near railroads. Agents wanted. Write owner, Charles E. Cline, 218 Masonic Temple, Davenport, Is.

Secure a Home in 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 30 on Wisconsin Central Land Grant. State acres wanted. Write about our grazing lands. If interested in fruit lands ask for booklet on apple orchards in Wisconsin. Address Land Dept., Soo Line Ry., Minneapolls, Minn.

MINNESOTA

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

WELL improved 160 acre farm, close to good town, Renville county, Minn. \$87.50, easy terms. Fisher Land Co., Olivia, Minn.

FOR REAL BARGAINS, large or small farms in Minnesota and near the Twin Cities, write for list. Fred Mohl, 511 Capital Bank Bidg., St. Paul, Minn.

WANTED—Farmer in every locality to han-dle our West Central Minnesota farm lands. Liberal commissions. Write for proposition. Bing Land & Loan Co., Breckenridge, Minn.

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Eing Land & Loan Co., Breckenridge, Minn.

COME ALONG! COME ALONG! Make no
delay; come from every nation, come from
every way. Our lands are broad enough,
have no alarm; there is a place in Minnesota for everyone to farm. Maps and literature sent FREE. Write Fred D. Sherman,
State Immi. Commissioner, Room 50, State
Capitol, St. Paul, Minn.

COW PRICED FARMS.

ON Will sen stock and lease barn. Terms.

725 a. 5 ml. R. R. town, Wilson Co., Kan.,
160 a. cult., 160 a. wild meadow; bal. bluestem pasture; % tillable; price \$35 per a.

A bargain. Will take smaller farm, rental
property, or W. land or securities as part
payment. Iola Land Co., Iola, Kan.

EASTERN LAND FOR WESTERN.

EASTERN LAND FOR WESTERN.

BEST LOW PRICED FARMS.

I own improved farms and unimproved land any size tract, in Minnesota, Dakota, Montana, or Colorado. Write now for your copy of sixteen page pamphlet quoting wholesale prices, legal description and full particulars. If you want the choice send telegram or come at once. Unheard of bargains at practically your own price and terms. Address owner.

Warren W. Hurd,

310 Commerce Bidg., St. Paul, Minn.

75 Minnesota Farms

Renville and adjoining counties, \$50 to \$100 per acre. WE GROW CORN. Write for list. Stocker & Beske, Hector, Minn.

To Close An Estate 14 well located farms for sale in Cheyenne Co., Kan. Easy terms, For full information write

THE OZARKS, WHAT OF THEM?



Many Ozark farmers are making money raising hogs. The fine open winters make it unnecessary to provide expensive quarters and the porkers can range nearly the entire year. Thousands of hogs are fattened on mast without any expense to the owner and there is little disease in the Ozark region. The razorback type of hog is disappearing from the Ozarks, in his place you will find purebreds and profit makers of the leading breeds. A few good brood sows will soon pay for an Ozark farm.

Although it was a dry year one Ozark altryman reports, a clear profit of \$100 a cow in 1912 from each one of the 18 cows in his herd. And the milk and cream were sold at ordinary market prices—not fancy prices. This man tests his cows and keeps only the money makers. Holsteins, Ayrshires and Jerseys are making the Ozarks one of the greatest dairy countries in the United States.

It would be impossible to find a better country for poultry raising than the Ozarks. Young chicks are thriving before incubators are set farther north and the early hatched pullets insure heavy egg production in winter time. A large portion of the Poultry products that make Missouri the greatest poultry state come from the Ozarks.

OZARK FARM BARGAINS. Write or see the Southwestern Land & Immigration Co., Springfield, Mo. Exchanges made.

BEST bargains in Missouri. 333 a. 2 ml. town. Two sets imp 180 a. bottom, price \$30 per a. Missouri Land Co., Humansville, Mo.

FOR SALE ONLY. My 150 a. dairy farm. Well imp. 80 a. bottom. Extra well watered. B. F. Baker, Owner, Mountain Grove, Mo.

25,000 A. timber land, imp. farms, Douglas and Ozark Cos. Best bargains on earth. Homeseekers Real Estate Co., Ava., Mo.

40 ACRES, 4 ml. Lebanon, 30 acres apple trees, 6 room house, barn, etc. Price \$1,600. Stilwell Land Co., Magnetic City, Lebanon, Mo.

POLK COUNTY FARMS for sale or exchange.
Ideal climate, pure water, fine pastures,
short feeding season, productive soil, prices
and terms to suit. Harry T. West Realty
Co., Bolivar, Mo.

FREE: "Homesekers' Review," best land journal published. Many big bargains. West Plains Real Estate Co., West Plains; Hewell County, Missouri.

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

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

HOWELL CO. land to trade for western land or town property. List and pamphlet free. South Missouri Land Co., Mountain View, Mo.

IF YOU WANT a grain or stock farm on Current River, write Garry H. Yount, Van Buren, Mo.

C. L. WILLIS will furnish you free lists of farms and timber lands. Write him at Willow Springs, Missouri.

YOUR opportunity for timber, fruit and farm land. Stock and river bottom farms. Exchanges. Abstracts. J. Felix Norman, Galena,

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

FOR SALE OR EXCHANGE

WILL SELL OR TRADE you "That farm you Buy or Trade wish us-Exchange book free want." James Harrison, Butler, Mo.

YES, FOSTER BROS., INDEPENDENCE Kan., have trades of all kinds.

HOWELL COUNTY land for sale or trade. J. R. Bright, West Plains, Mo.

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

CASS CO. FARMS for sale or exchange. W. J. Dunham, Creighton, Mo. WRITE Shoemaker & Garvey, for farm lists; exchanges made. Goods or lands. Lecton, Mo.

EXC. BOOK. 1,000 farms, etc. Everywhere. Honest trades. Graham Bros., Eldorado, 48.

A. P. HOUSTON will sell or exchange your land or merchandise anywhere. Want land exchanges. Pittsburg, Kansas.

WE will exchange your property. Anything, anywhere, List with us and be convinced. Wilson & Hedrick, Hartford, Lyon Co., Kan.

FOR EXCHANGE: \$6000 equity in a well improved farm in Eastern Kansas for stock of mdse, or Western land. Elmer Dunn, 318 E. Douglas Ave., Wichita, Kansas.

320 A. BUTLER CO. 60 alfalfa, 186 cult, 9 room house, good imp. Will trade for anything worth the money.

J. H. Price & Son, Elderade, Kan.

wanted to exchange for land. Describe stock. Will send land descriptions.

Box 401, Stafford, Kansas.

IF YOU have property to exchange or sell, write for particulars of our services and liberal guarantee. Describe property in first letter. Real Estate Advertising Agency, Dept. C, Riverton, Nebraska.

160 A. IMP.; want hdw. or mdse. Drug stock, Co. seat, must; part trade, 20 room hotel, low rent. 70 a. imp., Central Mo., want mdse. Want hdw., will pay cash. Imp. farms \$50 to \$75 a. Box 240, Richmond, Ks.

LIVERY, boarding, sale and transfer business. Doing as much business as any in state. All funeral and cab work in city of 8,000. Will sell stock and barn or will sell stock and lease barn. Terms. Windle Bros., Galena, Kan.

EASTERN LAND FOR WESTERN.
240 acres, well improved, about 75 mi.
southwest of Topeka. Price \$18,000, mtgs.
\$5,500. Want good land, in Kansas, not too
far west for equity. What have you? Might

Frank W. Thompson, Beloit, Kan., Agt.

BARGAINS in Cass and Johnson countles, Missouri, 346, 280, 222 acres well im-Missouri. 346, 280, 222 acres well improved, fifty miles from Kansas City. Want merchandise worth \$18,000.00. Exceptional cash bargains on well improved farms in three miles of town.

John N. Shomaker, Garden City, Mo.

For Exchange

240 a. 1 mi. town, 6 room dwelling, barn-44x54, nice orchard. Good smooth land, 80 a. good prairie—hay and pasture; some clover, some alfalfa. Price \$65 per a. Want good 80 north or northeast of Topeka. W. H. Lathrom, Waverly, Kansas.

To Trade for Land.

Business property in Topeka; elevator, steam heat, electric lights; close to post-office and court house. Price \$40,000. Address GEO. M. NOBLE & CO., 431 Kansas Ave. Topeka, Kansas.

1914 BARGAINS

Choice farms just listed in northwest Missouri, Iowa, Nebraska, for sale or exchange. Advise me your wants and what you have with full description. M. E. Noble & Son, 507. Corby-Forsee Bldg., St. Joseph, Missouri.

For Exchange

640 acres deeded land and 640 acres leased land in Beaver Co., Okla. Good wheat land, good grass, plenty of water. School, post-office and stores at corner of place.

Will trade for good stock of merchandise. Also some unimproved land in Arkansas for auto or live stock.

C. A. Long, Fredonia, Kansas.

TEXAS

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

Irrigated Alfalfa Farm

I will trade my irrigated alfalfa farm of \$20 acres, every acre good, well pumping 1500 gallons water per minute, 70 acres in alfalfa, located in the Plainview Shallow Water district, no junk considered.

J. Walter Day, Owner, Plainview, Texas.

FLORIDA

Stop! Renter, Listen!

Did you ever figure up how much you have paid your landlord in the past five years, and still you have no home of your own? Remember you are paying the net earnings of your labor to keep up someone else's home when you should be paying for a home of your own. Stop! Go with us to Florida where you can soon own a home for yourself. A home that will make you more than you are now making; one that will increase rapidly in value and in one of the most healthful climates in the United States. There are no hardships to farming on our lands. Write today for our illustrated booklet No. 1 and other reliable-information. NEW HOME REALTY CO.,

One Wheat Grower's Plan

BY H. T. NIELSEN.

On the farm of Asa Payne, near Mc-On the farm of Asa rayne, near Mo-Donald, in the northeastern part of Cheyenne county, an interesting method of raising wheat is in successful operation. The plan is to summer fallow the land and get two crops of wheat from the same field in three years. Mr. Payne says it pays, and that he would think he wasn't farming if he didn't have a piece of summer

that he would think he wasn't farming if he didn't have a piece of summer fallowed land every year.

The plan is as follows: A field is listed early in the spring, say by the middle of April. The listing is 5 to 6 inches deep. No preparation previous to listing is given the soil. Usually, but not always, the listed ground is harrowed with an ordinary harrow, after a rain. Along about the middle of May or a little later, the ridges are completely thrown down with one operation of the 2-row lister cultivator. ation of the 2-row lister cultivator. The field is left in this condition until just before harvest, about July 1, when the ridges are split. It can then be safely left until after harvest. The harrow is generally used one time after the second lighting and by the latter this second listing, and by the lat-ter part of July the ridges are again thrown down with the 2-row lister culthrown down with the 2-row lister cultivator. This operation was just being completed July 31 this year. There is nearly always a good rain between August 1 and seeding time. Following such a rain the field is worked diagonally with spring tooth harrows. No other work is done until seeding time.

Mr. Payne believes in early seeding of wheat on his fallowed ground. He has been starting in previous years about September 10, but expects to beabout September 10, but expects to begin a week earlier this year. He does this to get a large fall growth, which he says protects the ground and prevents soil drifting. He uses a disk drill and sows ½ bushel of seed an acre. This has been found to give the best average results he says.

Sometimes in the spring the wheat is harrowed, but only if the season has been such as to crust the ground.

Under this treatment the harvest usually comes rather earlier than is customary for this section.

customary for this section.

The preparation of the ground for the second crop of wheat is very simple. As soon as possible after harvest the field is lightly single disked and left in that condition till time to sow wheat. A disk drill is used and the wheat. A disk drill is used and the seeding done right in the stubble.

The land is allowed to lie entirely

untouched from the harvesting of the second crop of wheat, until the early listing for the next summer fallowing is done the next spring.

Briefly tabulated the work done on an Solvere field is as follows: Two

an 80-acre field is as follows: Two listings, 1 man with 6 horses and 2-row lister, 10 days; 2 harrowings, I man with 4 horses, 5 days; 2 disk cultivations tivations, 1 man with 4 horses, 10 days; 1 spring tooth harrowing, 1 man with 3 horses, 5 days; seeding, 1 man with 4 horses, 4 days.

Mr. Payne has not kept absolutely accurate records, but feels sure that an acre, in four crops or six years, will yield 90 bushels of wheat. This would be an average of 15 bushels an acre,

which is certainly very good.

Listing is done in preference to plowing because it is easier to control the weeds. In case of a wet harvest season, on plowed ground the weeds get so large that it is almost impossible to kill them except by plowing. And even if the weeds get pretty large on the listed fields, the lister cultivator will get practically every one of them. Mr. Payne's fields are remarkably free from weeds. This is true not only of the weeds. This is true not only of the one being fallowed this year, but of the ones fallowed last year, and the year before. Indeed there is scarcely a weed in sight on any of them. Weeds caused more trouble in earlier years, however. Mr. Payne has been follow-ing this plan for seven years, and as he and his farm look prosperous it is ones fallowed last year, and the year evidently a paying proposition.

CANADA

Free Canadian Homesteads

cash bargains on well improved farms in three miles of town.

John N. Shomaker, Garden City, Mo.

To Close An Estate

181 acres of land in Major Co., Okla., 15

182 west of Fairview. Good soil, plenty of spins and well water. 80 acres in cultivation. Well located farms for sale in Cheyenne ite.

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WHAT BREEDERS ARE DOING

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A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan. John W. Johnson, N. Kansas and S. Nebraska. 820 Linnoin St., Topeka, Kan. Ed R. Dorsey, Filinois and Indiana, Versaities, III.

Jasse R. Johnson, Nebraska, 1507 Bim St., Lincoin, Neb.

C. H. Hay, S. E. Kan. and So. Missouri. 4204 Windson Ave., Kansas City, Mo. W. L. Blizzard, north Missouri and Iowa. 2537 Forest 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 Chins Hogs.

Aug. 20—Roy Johnston, South Mound, Ran. Sept. 5—J. E. Will, Prairie View, Kan. Sept. 5—A. J. Swingle, Leonardville, Kan. Sept. 29—W. H. Cooper, Pittsfield, Ill. Oct. 28—Albert Smith & Sons, Superior, Neb.

Oct. 28—Albert Smith & Sons, Superior, Neb.

Neb.

Neb.

Neb.

Neb.

St. 15—Fred G. Laptad, Lawrence, Kan.
Oct. 15—Homer Dickerson, Jameson, Mo.
Oct. 19—Sam Herren, Penokee, Kan.
Oct. 20—U. S. Byrne, Saxton, Mo.
Oct. 20—Toe Hemmy, Hill City, Kan.
Oct. 20—Roy Johnston, South Mound, Ean.
Oct. 22—H. B. Walter, Effingham, Kan.
Oct. 22—H. C. Graner, Lancaster, Kan
Oct. 23—Herman Gromiger & Sons, Bendena,
Oct. 24—Wm. R. Zahn, Concord, Ill.
Oct. 28—J. L. Moseley, New Boston, Ill.
Oct. 28—H. C. Graner, Lancaster, Kan.
Oct. 23—H. C. Graner, Lancaster, Kan.
Oct. 23—H. C. Graner, Lancaster, Kan.
Oct. 29—Thos. F. Walker & Son, Alexandria,
Teb.; at Fairbury, Neb.
Oct. 30—Frichant & Martin, Walker, Ma.
Nov. 9—W. C. Dubois, Agra, Kan.
Nov. 12—E. E. Merten, Clay Center, Kan.
Nov. 12—E. E. Klein, Zeandale, Kan.
Nov. 13—L. E. Klein, Zeandale, Kan.
Nov. 13—C. M. Hall, Hardy, Neb.
Jan. 20—Roy Johnston, South Mound, Kan.
Jan. 21—Joe Hemmy, Hill City, Kan.
Kan.
Jan. 23—A. C. Lobough, Washington, Kan.

28—A. C. Lobough, Washington, Kan. 2—John Kimmerer, Mankato, Kan. 3—J. H. Hamilton & Son, Guide Rock, Feb. 2—John Kimmerer, Mankato, Kan.
Feb. 3—J. H. Hamilton & Son, Guide Rock,
Neb.
Feb. 4—Albert Smith & Sons, Superior, Neb.
Feb. 5—H. L. Pritchett, New London, Mo.
Feb. 9—Jas. W. Anderson, Leonardville,

Kan.
Feb. 10—Agricultural College, Manhattan,
Kan.
Feb. 11—G. A. Wiebe, Beatrice, Neb.
Feb. 13—J. F. Foley, Oronoque, Kan.
Feb. 12—Thos. F. Walker & Son, Alexandria,
Neb.; at Fairbury, Neb.
Feb. 15—Joshua Morgan, Hardy, Neb.
Feb. 17—J. H. Harter, Westmoreland, Kan.
Feb. 18—J. L. Griffiths, Riley, Kan.
Feb. 19—A. J. Swingle, Leonardville, Kan.
Feb. 29—Hubert J. Griffith, Clay Conter,
Kan.

Kan.
Feb. 24—Alfred Carlson, (Spotted Polands),
Cleburne, Kan.
Feb. 25—T. M. Willson, Lebanon, Kan.
Feb. 26—Lambert Bros., Smith Center, Kan.
Feb. 26—W. E. Epley, Diller, Neb.
March 5—Gilbert Johnson, Osceola, Neb.

Spotted Poland Chinas.

Aug. 19—W. E. Bradford, Columbia, Mo. Oct. 16—Kennedy & Sons, Trenton, Mo.

Duroc-Jersey Hogs.

Aug. 26—W. W. Otey & Sons, Winfield, Kan. Aug. 27—A. J. Hanna, Elmdale, Kan. Aug. 28—C. W. Parsons, Harper, Kan. Oct. 12—W. R. Hainline, Blandinsville, Ill. Oct. 22—M. M. Hendricks, Falls City, Neb. Oct. 21—John O. Hunt, Marysville, Kan. Oct. 21—John O. Hunt, Marysville, Kan. Nov. 7—Philip Albrecht & Sons, Smith Center, Kan. Nov. 7—Philip Albrecht & Sons, Smith Center, Kan. Nov. 10—J. B. Jackson, Kanopolis, Kan. Nov. 10—J. B. Swank & Sons, Blue Rapids, Kan. Jan. 26—Ward Proc. Popublis, Van. Jan. 26—Ward Proc. Popublis, Van.

Kan.
Jan. 26—Ward Bros., Republic, Kan.
Jan. 27—Ralph P. Wells, Formoso, Kan.
Jan. 28—Dana D. Shuck, Burr Cak, Kan.
Feb. 6—Philip Albrecht & Sons, Smith Center Kan.

Feb. 6—Philip Albrecht & Sons, Smith Ceater, Kan.
Feb. 12—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.
Feb. 9—Agricultural College, Manhattan, Kan.
Feb. 10—Thompson Bros., Garrison, Kan.
Feb. 11—Samuelson Bros., Cleburne, Kan.
Feb. 12—Howell Bros., Herkimer, Kan.
Feb. 22—W. T. Flitch, Minneapolis, Kan.
Feb. 23—J. R. Jackson, Kanopolis, Kan.
Feb. 25—Martin Kelly, Verdon, Neb.
Feb. 25—A. N. Farnham, Hope, Kan.
March 5—Samuelson Bros., Blaine, Kan.

Shorthorn Cattle.

Sept. 23—Adam Andrew and Fred Cowley, at Girard, Kan. Jan. 15—L. R. Brady, Mgr., Manhattan, Kan.

Jersey Cattle.

Sept. 22-H. C. Johns, Carthage, Mo. Oct. 14-Parkdale Farm Co., Kane, Ill.

Angus Cattle. Jan. 21-L. R. Brady, Mgr., Manhattan, Kap.

Dairy Cattle. Aug. 27-W. B. Carpenter, Kansas City, Mo Helstein Cattle.

Oct. 21 and 22—Henry C. Glissman, Omaha Neb. Hereford Cattle. 23-24-W. I. Bowman & Co., Ness City,

Jacks and Jennets.

Oct. 20-21-L. M. Monsees & Sons, Smithton, Mo. Combination Livestock Sales Nov. 9 to 14—F. S. Kirk, Mgr., Enid, Okla. Jan. 4 to 10—F. S. Kirk, Mgr., Enid, Okla. March 8 to 13—F S. Kirk, Mgr., Enid, Okla.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

C. E. Foster, Eldorade, Kan., is making the usual fall prices on young bull calves and he has several that look choice enough

to suit most anyhedy. In fact if you want any kind of Red Polled breeding stock Mr. Foster is likely to have just what you are looking far. Write him today, mentioning Farmers Mail and Breeze.

C. E. Lowry of Oxford, Kan, has the finest lot of Hampshire bogs that he ever raised. They are all in good thriffy condition and have been immunized with the double treatment. If you are in the market for a purfectly marked boar ready for service write Mr. Lowry, mentioning Farmers Mail and Breeze.

Col. N. W. Cox, the Wellington, Kan., auctioneer, starts his card with this issue of Farmers Mail and Breeze. Col. Cox does not pose as a strictly purebred stock auctioneer but is in position to guarantee results and is growing in demand as a farm sale auctioneer. If you have a big farm sale get in touch with Col. Cox. His card in Farmers Mail and Breeze is to let the many patrons of his sales know his exact initials and address when wishing to write or phone for his services.

A. T. Campbell, Marion, Kan.; offers Duroc bred glits and choice spring pigs. These glits are bred for early fall litters and the spring pigs have good bone, size and quality. They will make the high backed, stretchy kind that are becoming more and more in demand. This herd is strong in fashionable blood. Several of these bred glits are by A. T.'s Col., a promising sire which Mr. Campbell sold to be used at the Kansas State Agricultural college. The spring pigs are eut of daughters and granddaughters of such sires as Graduate Col., Tatarrax, Ohio Chief and others of like note. They are by Golden Model Top, by Col. Model Top, by Beauty's Model Top, by Col. Model Top, by Beauty's Model today, mentioning Farmers Mail and Breeze.

FOR SALE Registered Shropshire sheep of both sexes; yearlings and lamb rams. J. W. JOHNSON, Routs 3, Genesee, Kan.

PUREBRED HORSES

Pure Bred Belgian Stallion 5 years old, weight 1950 lbs. Can use young cattle in exchange. FRANK PREMANER, Waverly, Kan



German Coach 70-Horses-70

The great general pur-pose horse. Satisfaction guaranteed. Write or call. J. C. BERGNER & SONS, Pratt, Ks.

POLLED DURHAMS.

Sleepy Hellow Polled Durham Cattle

12 good bulls coming 1 year old, bred cows and hefters for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.



The **Big Kansas Fair**

al Exhibition of Kansas State Fair Ass's

TOPEKA September 14-18

Mammoth Livestock and Agricultural Exhibits in New Fire Proof Brick and Concrete Buildings.

Stock Judging and Parades in Livestock Arena Daily.

Five Days Racing. Kansas Derby. Free Vaudeville and Circus Acts. Concert Bands and Special Features Daily.

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LIVESTOCK AUCTIONEERS.

BOYD NEWCOM ATTENDREE N.VV.COX Wellington, Kn AUCTIONEER LIVERTOCK AND FARM SALES.

Spencer Young, Osberne, Ka Livestock Auctioneer, Write for dates.

JESSE HOWELL Merkimer, Kan Unite or phone for dates.

J. P. Oliver Newton, Kan. Livestock eer. My 20 years experience insures better results Jas. T. McCulloch, Clay Center, Kan.

Reference: The breeders I am selling for every year. Write for open dates.

FRANK J. ZAUN
FINE STOCK AUCTIONEER. INDEPENDENCE, MO
"Get Zaun. He Knows How." Bell Phone 675 Ind. Will Myers booked on leading breeders' ales in Central Kan. Ohoice dates still open Write or wire.

Ruggels & Son, Beverly, Kansas

W. A. Fisher, White City, Kan.

D. F. Perkins, Concordia, Kan. Write, wire 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 Oct. 5th. Are you coming?

MISSOURI AUCTION SCHOOL W. B. Carpenter, Pres

Largest in the World. 818 Walnut St., Kansas City, Mo.

DAIRY CATTLE.

HOLSTEIN BULLS Registered, ready springing high grade baffers for sale. Springdale Stock Ranch, Concordia, Kan.

HIGGINBOTHAM'S HOLSTEINS grade. Also a few registered and high grade bull calves, m'GGINBOTHAM BROS., ROSSVILLE, KANSAS

HOLSTEINS -CHOICE BULL CALVES H. B. COWLES, TOPEKA, KANSAS.

HIGH GRADE HOLSTEINS

Over 200 head in herd Special prices on 40 yearling and 2-year-old heffers, sired by Sindt Butter Boy King, whose dam and granddam were 37 h. cows. 40 miles west of Kansas City. N. EAGER, R. R. No. 6, Lawrence, Kansas

DATEY CATTLE.

RockBrookHolsteins

Registered cows, heifers and bulls. Also a big lot f high grade cows and hairers, both Hoisteins and Juernseys. Tuberculin tested. Priced to sell. Car ots a specialty. Bock Brock Farm, Sta. 6,0maha, Sch.

Guernsey Bulls

Fancy Grade Holstein Cows

2 to 6 years old, all tested and guaranteed sound, good udders and good teats. They are large, often weighing 1,700 pounds. There is no botter market for the Kansas crops than the dairy route. In no other way can the present high priced feed be turned into as much profit as by the Holstein cow. A good feeder and a conscientious milker. Write or call.

W. G. MERRITT & SON, GREAT BEND, KAN.

SOMMER-BLADS **GUERNSEYS!**

TUBERCULIN TESTED.

Headed by Goodwills, Raymond of the Preel, son of Imp. Raymond of the Pree Grade and registered females for sal also registered buils. ERNEST KENYON, Nortonville, Kansas

MOORE'S HOLSTEINS

40 head of high grade Holstein hefters. These heliers are finely marked and out of 50 to 75-lb; cows. Some coming fresh soon, others bred for fall. The chasest herd of Holsteins to Western Kansas and Colorado where the Holstein and the pit silo is the only salvation. Cheap freight, Come and see them. All tuberculin tested. On Union Pacific 60 miles west of Salina, Kan. Will sell any number reasonably. Write, wire or phone.

J. H. MOORE, JR., LUCAS, KANS.

Guernseys

Two Choice Guernsey Bulls of Serviceable Age

Sired by the celebrated "MAY ROSE" ball, IMPORTED MAY ROYAL; out of A. R. cows; also choice young cows. Write, or better yet, visit the farm.

Overland Guernsey Farm Overland Park, Kansas

8 miles from Kansas City on the Strang Electric Line.



Johnson's Shetland Pony Farm

Write me regarding Shetland Ponies. I have for sale 40 to 59 head of fine ones, spring colts, year-ings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand.

H. H. JOHNSON, CLAY CENTER, NEBRASKA

To get a really valuable sire it is a big saving for you to buy at this time of the year a growthy young stud from my big bunch registered Percherons 1, 2, 5, and 4 years old. They have uncommonly large bone and in pasture condition are developing to immense weights like their imported sires and dams. Farm raised and farm priced. Just above Kansas City. Fred Chandler, Route 7, Chariton, Iowa





HIGH GRADE and REGISTERED

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 Girod, Towanda, Kansas

y Avondale. Nicely bred young helfers from milk-log strains. Rugged young hulls, the Farmer and Stockman's kind; cows with call at foot and re-bred.

This splendid array of Foun-dation Shorthorns carry the Best Blood of the Best Families and the Most Noted Sires of the Breed.



I want to sell six weeks \$10,000 worth of Short-horns. Six or nine months' time if destred. What we want is your trial order. Young helfers and bulls at \$75, \$100 and up.

THE FARMER'S COW The Shorthorn cow is the farmer's cow because she is best adapted to farm needs. She has been bred for milking purposes generation after generation and will furnish milk for her calf with a surplus to spare to make butter for the family, milk for the table and some for the pigs. Her calf has inherited a tendency to supplement this milk diet with the rough and waste feeds of the farm and the sum total for milk and beef in net gain to the farmer is more than is produced by any other than Shorthorns.

CALL ON OR WRITE .

H. C. LOOKABAUGH, Watonga, Okla.

HEREFORDS.

Bowman's HEREFORDS 635 Head Registered

Perhaps Largest Registered Herd in Kansas

Strong in the blood of such sires as Anxiety 4th, Beau Brummel, Leader, Grove 3d, Don Carlos, Beau Real, Militant, Lamplighter, Acrobat, Dale and other sires of note. Breeding stock for sale at all times. We breed for size with quality.

Public Auction October 23rd and 24th. Send your name early for catalog.

W. I. BOWMAN & CO., Ness City, Kan.



Marshall County HEREFORDS

Ten 2-yr. olds and 23 yrlg, heifers for sale. Write for breeding, descriptions and prices.

Polands: 70 early spring pigs, both sexes at private sale. Big and smooth and priced to sell. S. W. FILLEY, Irving, Kansas

Clover Herd Herefords

Headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

FOR SALE—Bulls from 6 to 12 months old, at \$75 to \$100. Also 15 extra good 3-year-old cows, by Garfield 4th, all bred to calve in spring.

F. S. Jackson, Topeka, Kansas

ABERDEEN-ANGUS.

ANGUS CATTLE A select lot of females, bred, for sale. Best breeding and right individually. W.G.Denton, Denton, Ks

Angus Bulls and Heliers SUTTON FARM

Have 30 splendid heifers and 30 extra good bulls priced to sell. Write us today. SUTTON & PORTEOUS, R. 6, Lawrence, Kan.



SHORTHORNS.

SHORTHORN BULLS

Fashionably bred young bulls, by Roan King and Refiner, two Wisconsin bred sires and out of milk-ing strain dams. They are the kind that make good for both dairy and beef. Levi Eckhardt, Winfield, Kan.

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

L. M. Noffsinger, Osborne, Kan.

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 helfers for sale. Best of breeding. Write or better come and see CHARLES MORRISON & SON, Phillipsburg, Kan

RED POLLED CATTLE

Choice Young Bulls. Several good enough to head good herds—heavy boned, bread headed, breedy kind. Show prospects. Also a few cows and heifers. Vis-itors welcome. Call or write.



I. W. POULTON, Medora, Reno Co., Kan.

MULE FOOT HOGS.

MULE FOOT HOGS Choice young for service. Spring pigs, either sex; prices reasonable. FREELAND & HILDWEIN, MARION, KAN.

"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

PUBLIC SALE near Baxter Springs, Kan. August 20th

Fine team young mares, four and five years old; both bred. Registered Jersey bull, two years old. Five fresh Jersey cows with calves. Five Jersey helfers, to be fresh soon.

MRS. KEPLINGER, Route 3. Baxter Springs, Kan.

Mule Foot Hogs.

Dr. S. C. Freeland, Marion, Kan., has spared neither time nor money in starting a good herd of mule foot hogs. He has bought foundation stock from the leading breeders of the mule foot breed. Mr. L. O. Hildwein, Marion, Kan., is associated with the Doctor in producing and building up this herd. They are now in position to supply breeding stock and have a fine lot of spring pigs which they will sell to make room for a large number of fall litters soon to be farrowed. They have also special bargain prices on some choice fall and winter boars that are now ready for service. Here is where you can likely get just what you are looking for to cross on your mule foot females. Write today for particulars, mentioning Farmers Mall and Breeze.

Attend This Duroc Sale.

Attend This Duroc Sale.

Chas. W. Parsons, Harper, Kan., will sell at auction. Friday, August 28, 56 head of purebred Durocs, consisting of tried sows, spring gilts and boars. Mr. Parsons has at the head of this herd one of the greatest sires of the breed, Monarch Chief, by The Professor, by Ohio Chief and a litter mate of Superba, the hog that sold in the Browning sale for \$1,500. Most all of the sows in this sale are by this great boar. Had Monarch Chief been fitted and shown he would undoubtedly have made Duroc history. He weighs over 850 pounds and could be made weigh a thousand. These spring pigs, both gilts and boars, are the broad backed, fancy eared, good boned kind and will be what breeders are after. Do not fall to read display ad in this issue and send your name today for catalog, mentioning Farmers Mail and Breeze.

Hanna's Duroc Dispersion.

Hanna's Duroc Dispersion.

A. J. Hanna, Elmdale, Kan., will sell in this sale 60 choicely bred Durocs consisting of all of his show and breeding stock. In this offering will be 14 tried herd sows that carry the blood of Tatarrax, Freed's Col., Carl's Critic, G. M.'s Col., J. R.'s Chief and safe in pig to Model Col. H., a grandson of the noted King of Cols. Included will be nine spring yearlings by Mc's Tat. Model Col. H. and Critic's Lieutenant and bred to Gano's Pride, by Col. Gano. Twenty choice spring pigs will also be sold. This offering is the pick of over 200 head and they are bred and have the quality sought by those who want the best. He is putting in this sale 20 open fail gilts that should attract the attention of those who have herd boars of note. A few excellent herd boars will also sell. Remember this sale will be held Thursday, August 27, the day following W. W. Otey & Son's sale at Winfield, Kan. Breeders should arrange to attend both sales. Write for catalog today, mentioning Farmers Mail and Breeze.

Otey's Sensational Duroc Offering.

Otey's Sensational Duroc Offering.

W. W. Otey, Winfield, Kan., broke into the "king row" as a breeder of Durocs at the time of his record breaking sale last March. Previous to that time he attracted much attention when his herd boar, Good E. Nuff Again King, won grand championship at the Hutchinson State Fair the fail before. Crimson Wonder 4th, a close second to this great boar and whose six first sires were grand champions, is being used in this herd. On this cross Mr. Otey has pinned his faith and expects to make the whole Southwest sit up and take notice. Mr. Otey will be at the fairs this season with a son of Good E. Nuff Again King, Otey's Dream. The color of the ribbon this hog will get will at least have a "bluish" cast, if not pure blue, or somebody will have to furnish a better hog than the writer has seen yet. It will be worth something to have some of these Otey bred sows and gilts in your herd with such a line of unbroken champion sires before them. It will be worth much to any breeder of the Southwest to be present at this great sale. Even though he does not make a single bid, it will be a lesson on purebred Durocs that will make him think more of the business of improving the Duroc breed and he will go away more determined to have better hogs. If you have not sent your name for a catalog send your name today and arrange to attend this great sale Wednesday, August 26. Kindly mention Farmers Mail and Breeze when writing.

Nebraska

BY JESSE R. JOHNSON.

Big Ben Amazon Making Good.

A recent visit to the Orchard Home Stock Farm of which Albert Smith & Sons are proprietors reveals the fact that the Smiths are among the foremost Poland China breeders of the West. One hundred and forty spring pigs immune look good. Those by Big Ben Amazon are very promising. They have lots of scale and when developed will have the quality always found in this herd. Big Ben Amazon is developing into a splendid individual and will when matured be the biggest boar ever owned by the firm. He is mating well with the Jumbo Jr. and Smith's Big Hadley sows. One is impressed with the uniformity of the pigs and the smooth coats. Those by Jumbo Jr. are big, long, stretchy fellows, the kind he always sires. There are 65 boars in the lot. The bunch will be cuiled to 50 and the best breeder in America can make a selection to suit. Big Ben Amazon Making Good.

Illinois and Indiana

BY ED. R. DORSEY.

W. R. Hainline of Blandinsville, Iil., has just returned from Kansas where he bought four carloads of alfalfa hay of Clarence White of Burlington. Mr. Hainline is one of the largest and best breeders of Duroc-Jersey hogs in Iilinois and Clarence White is one of the best Shorthorn breeders in Kansas. He is selling lots of alfalfa seed to Illinois stockmen.

Faulkner Has Big Sale.

Faulkner Has Big Sale.

H. L. Faulkner of Jamesport, Mo., breeder of big spotted Poland China hogs, certainly had a great sale August 5. There were at least 75 breeders present from Indiana, Illinois, Missouri, Kansas, Oklahoma and Iowa. The 49 head brought \$2,143, an average of \$43.55. Only two tried sows, 20 males and gilts farrowed in the fall of 1913 and 27 pigs mostly males of 1914 and some of them not over three months old. The sale was conducted by Cols. Chas. M. Nelson, J. Zack Wells, Harry W. Graham, Geo. W. Bell, T. E. Deem, W. Z. Shepherd and

Registered Hampshires Spring boars and gilts priced to constant. C. E. LOWRY, OXFORD, KANSAS

PURE BRED HAMPSHIRES ALVIN LONG, LYONS, KANSAS



SPECIAL PRICES on Pedigreed young Hamp-shire boars, bred sows and gits. Call on or write, J. F. PRICE, Medora, Kan.

SUNNY SLOPE FARM

HAMPSHIRES

Pigs all sold but 5 boars and 10 sows—best of the crop. \$20 each or 3 for \$50. If you say they are not worth the money, I will try my level best to adjust the difference. If you know a fairer way to sell hogs, tell me and I will sell your way. Olathe, Kansas FRANK H. PARKS,

O. I. C. HOGS.

O. L. C. PIGS LARGE TYPE. Harry W. Harr

O. I. C. FALL BOARS REGISTERED FREE.

Western Herd O. I. C. Hogs March pigs, both sexes, \$10 to \$15. Pairs and trios not related at less. Also 25 fall gilts bred for September farrows. F. C. GOOKIN, RUSSELL, KANSAS

O. I. C. FEB. AND MARCH PIGS at \$15 each. A No. 1 herd boar and some bred gilts and tried sows. Address, A. G. COOK, Waldo, Kan.

O. I. C. HERD BOAR
My herd boar O. K. Wonder for sale at \$40. A sure breeder and a good one. Also spring pigs of both sexes. Write. Andrew Kosar, Delphos, Kan.

PRIZE WINNING O. I. C's 400 head from which to select. Sired by Illinois Protection, Maple Lawn Prince and other boars. Some bred sows and gilts. Edw. Ross & Sen, White Hall, iii.

Chester Whites or O. I. C's.

One hundred head of spring pigs by Jumbo's Model 25095. Dixle 25097 and five other noted hogs. Get my prices. B. M. GILMORE, O. I. C. Bred Sows and Gilts

A few tried sows and gilts, bred for fall farrow 150 spring pigs with size and quality, also a few boars ready for service. Write for prices. JOHN H. NEEF, BOONVILLE, MISSOURI

MAPLE GROVE O. I. C's

The L. V. Silver Co.'s Strain at Greatly Reduced Prices During August.

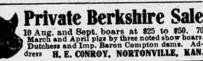
BOARS—2 months old, \$6: 5 months old, \$10: 7 months old, \$14: 9 months old, \$18. SOWS—2 months old, \$15: 5 months old, \$12: 7 months old, \$16: bred gilts, \$20. Bred sows, \$30. Pairs and trios not related. Also boars not related to bred gilts or their offspring.

BILLINGS, MISSOURI F. J. GREINER,

BERKSHIRES.

Berkshires Two young show herds individuals to select from, including spring pigs J. T. BAYER & SONS, Yates Center, Kan

Hazlewood's Berkshires! A few good bred sows and gilts. Write today W. O. Hazlewood, Route 8, Wichita, Kan



Ralph Creighton, Creighton, Mo. Breeder of High Class Berkshires Bred sows and gilts, and also Spring pigs of both sexes, now for sale, at reasonable prices.

Walnut Breeding Farm BERKSHIRE boars and gilts, spring farrow, grand-sons of Barron Duke 56th, Big Crusader and Master-piece 77000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. Leon Waite, Wiafield, Ks.



125 head for sale, 10 service boars, 15 bred ows and gits, 100 fancy spring plgs, at ttractive prices. Write today.

SUTTON FARM LAWRENCE

Keisler Farm BERKSHIRES.

90 high class registered spring pigs for sale sired by our three great boars, Rivaleer, Grand Leader, and Starlight Premier 6th.

Also squab breeding pigeons for sale. A. J. McCAULEY, PERRYVILLE, MO. DUROC-JERSEYS.

Special Prices for 30 days or Du pigs. Pairs and trice. Satisfaction guaranteed. R.C. Watson, Altoons. Ean.

Smith's Durocs

September gilts, by Smith's Graduate, others by Tattler, by Tattler, by Tattlers, bring pigs either sex. Priced reasonably. J. R. SMITH, NEWTON, KANSAS.

DUROC FALL GILTS BRED Sired by Iowa Chief 2nd out of richly bred sows and bred to Van's Crimson Wonder. 100 spring pigs either sex for the season trade. GARRETT BROS., Steele City, Neb.

McCarthy's Durocs

Handsome fall boars, by a grandson of Graduate Col. Spring pigs either sex. Prices reasonable. Write today. DAN McCARTHY, NEWTON, KANSAS.

Tyson Bros., McAllaster, Kansas The tops of our Duroc Jersey spring crop of pigs, either sex at \$12.50 to \$15.00 each. 12 Sept. gilts at \$20 to \$25 each. Address as above.

BARGAINS IN DUROCS

Bred sows and glits. Good thrifty spring boars and sow pigs. Our prices will suit you. C. D. WOOD & SON, ELMDALE, KANSAS GOOD E. NUFF AGAIN KING 35203 The sensational Grand Champion of Kansas State Fair 1913 heads our great herd. Sale average March 11, \$62.12. 40 great sows and gitts for sale. Prices right. W. W. OTEY & SONS, WINFIELD, KAMS. "The men with the guarantee."

IMMUNED DUROC-JERSEYS Best of breeding. Plenty of size and quality. Prices right. Sale Oct. 27.
MOSER & FITZWATER, GOFF, KANSAS

November Boar Bargains

12 big stretchy fellows that can't help pleasing you. Also glits same age bred to order. Also a few bred sows. Everything guaranteed.
J. R. JACKSON, KANOPOLIS, KANSAS.

Maplewood Durocs We are offering trios, two gilts and a boar, early April farrow at \$45 for the three, not related. Address Mott & Seaborn, Herington, Kan.

BRED SOWS and GILTS

To farrow in September and Octo-ber. Also Red Poll Bulls. Address GEO. W. SCHWAB, CLAY CENTER, NEB.

60 Pigs, Private Sale Stred by Freddy M (1,000 pounds) and Harley, by Regulated, by Regulator. Good herd boar material. Address F. M. CLOWE, CIRCLEVILLE, KANSAS

RED, WHITE AMO BLUE DUROC HERD

(AMERICAN FLAG)

25 high class early spring boars sired by "Firestone", my American Royal 1913 champion boars
bred gilts for fall farrow sired by my grand champion, American Royal. James L. Taylor, Olean, Me.

TATARRAX and OHIO CHIEF

Tried sows and fall gilts bred for fall farrow to sons of B. & C.'s Colonel and G. M.'s Tat Colonel. Prices reasonable. John Barthold, Jr., Partridge, Kan.

Select Chief — Col. Harris 156 February, March and April boars and gilts by above boars at private sale. All are immune, Prices reasonable. See our herd at the fairs this fall. THOMPSON BROS., GARRISON, KANSAS

BONNIE VIEW STOCK FARM

Fall and spring pigs nice enough to head any herd r to show at any fair out of prize winners. Write or prices on boar and three sows, last fall's farrow, or show. SEARLE & COTTLE, BERRYTON, KAN.

Quivera Herd Durocs Spring pigs all sold, am now taking orders for fall pigs which will arrive August 15th to October 1st.

E. G. MUNSELL, Route 4, Herington, Kan.

Bancroft's Pedigreed Durocs

We hold no public sales, nothing but the best of-fered as breeding stock. Choice fall gilts bred for September farrow, weight 225 to 250 pounds. Price 35.00. Spring pigs, pairs or trios not akin. Cus-tomers satisfied. Describe what you want we have it. D. O. BANCROFT, Osborne, Kans.

TATARRAX HERD DUROCS No bred sows or glits to spare. Special prices on spring pigs. Pairs, trios and young herds with male to mate. A cheap way to get in the hog business. Write today. BUSKIRK & NEWTON, Newton, Kas.

BRED GILTS

Yearling gilts, growing and thrifty, bred for late summer and early fall farrow, to a good sire of Col. Chief breeding, Prices rea-sonable. HAROLD P. WOOD, Elmdale, Kan.

Immune Fall Boars

col. and Onio Chief blood lines. Choice from large litters, also spring plgs, large and fancy, by an outstanding son of champion Good E Nuff Again King. Quick sale prices. G. M. Shepherd, Lyons, Ks. SIZE and QUALITY DUROCS

A few choice bred sows and gilts, spring pigs, pairs and trios unrelated. B. & C.'s Col. Superba, Defender and Ohio Chief blood lines. Descriptions guaranteed. JOHN A. REED, Lyons, Kansas.

91 DUROC BOARS and GILTS At private sale. Everything immuned this spring. Sired by K.'s Golden Rule. Let me quote you prices. GEO. M. KLUSMIRE, HOLTON, KANSAS

HILLCREST FARM DUROCS

For sale: Spring pigs, pairs or trios. Fall gilts open, or bred for September and early October litters. Boars for service. One good two year old herd boar. All immune. Write for description and prices.

E. N. FARNHAM, Hope, Kans.

AMERICAN'S DURINGS alle less to former little game and and the state of the second little back the second litt Collegell, Marion, Raysa

FOLAND CHINAS.

ATTRACTIVE PRICES ON MOARS shand China full hears fown heading. Good low is make your Resident lington attended paints. Freely, Branches.

Summy Slac Polond Chines

THE RED REPORTED IN THE PROPERTY OF THE PROPER is a offseing the tops of my 150 spring plan by the different boars at attractive prices. Write the control of the control of

Model Wonder Sept. Boars

14 September boars, street by Model Wonder, out of
the mature dame. Great values at 180 to \$25, with
two or three at \$15. Write now for further information. O. R. STRAUSS, SILFORD, KANSAS.

Higgins' big smooth polands To have been and devoluted more paded been that called regard to the other on March 1997. The parties of the other of the called the form to the called th

Alfred Carlson's Spotted Polands

LARGE WITH PLENTY OF QUALITY

BECKER'S Poland Chinas ny spring pigs from large even litters, descent of A Wonder, Big Hadley and Progression and pigs will both please you. Pairs and trios duced prices. Satisfaction guaranteed. BEUKER, NEWTON, KANSAS

lig Orange Again and Gritters Surprise

Everaneen herd has 80 meab a say offering 60 head extra fine Big Type Po-China pigs and a few sows to farrow in Sept-age by Mo.'s Mastodon Wonder 5147, Leobi lay 69169, Great Lock 47659 and Capital 33854. 4 for prices. E. S. Carver & Sone, Swifferd, Mo.

nd Gills, spring farrow at attractive p furnish them not related. I guarantee D. L.E. BLEIN, Zenndale, Kan

King of Kansas

Poland Chinas That Please Fall hours suitable for both breeder and armer. Orders booked for spring pigs to estime. Prices right. L. WARE & SON, PAOLA, KANSAS

cine of the following herd bears: Futurity Me, B. Hadley, (1st prize winner at American rail), Black Big Bone, Long Frince, Great Jumbo, Dullar Mark. Your choice at wenning time at WAY A HAIRGROVE, Jacksonville, III.

形式(d)。 製造學學是EPO LANDS w his strictly fall boars by Osphan Chief as of Kaux All Badley and A Wonder's dama. Also a few extra good gitts bred for aber farrow. Must as also, Write bodsy. R. HEGE, MARGONA, MANRAS

cy Large Type Polands
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hange, Haw a few good fall hour for site
book orden on unrelated works pigs.
The programmy for works breefer to first the minity for young breeder to Bart right WOOD, ELMDALS EAN

70 MARCH AND APRIL BOARS AND GILTS 102 SCHOOL NORTONVILLE, KAR.

One Herd Boar!

We are offering ONE Peland China herd hog right in every way. Five fall pigs by Major B. Hadley, grand champion of 1911. Booking orders for spring pigs (soid all of our bred gilts we had advertised).

A. J. ERHART & SONS, New City, Kan.

PRIVATE SALE

of Feb., March and April pigs at private sale. Satisfaction guaranteed, Ne public sales. Big type with quality. Write for de-scriptions and prices. JOHN COLEMAN, Denison, Kan.

Shipped to Twenty States.

Mr. Howard Zahn of Jacksonville, Ill., is now through with his big harvest and is devoting his full time answering his many them by the hundreds to sell. When in fanksonville call at his office at 11s Pine street. He will soon have that Cadillac going out to his farms to show you one of he largest herds of hogs you ever saw. In east than aims months he has shipped to keenty states. His bogs are so good that they have brought back from one to eight orders from one shipping point.

S. E. Kansas and S. Missouri

BY C. H. HAY.

P. J. Greiner of Billings, Mo., starts his card in the O'I. C. column of this issue Mr., Greiner bas a splendid herd and being somewhat overstocked at present he is making reduced prices for August. We wish to emphasize the reduced price, for he is offering them exceptionally cheap, considering the quality of the pigs. With the exception of a few herds which are being fitted for the state fairs, Mr. Greiner's pigs are as well grown out as any we have seen. Leek up his at; you will find a number of bargains.

"Red, White and Bins" Darces.

At the Red, White and Bins' Darces,
at Olean, Ro., is a bunch of spring pigs
that will appeal to any hog man. Mr. Taylor has not spared time or expense in developing these pigs. As a result he has
one of the best young herds in-the country.
There are any number of first class herd
bears in the herd and several show prospects. He is also offering one of his herd
bears. Bloodstone, a grandson of the Ohio
Rodel. Write Mr. Taylor for more definite
information. Please mention this paper
when you write.

High Class Berkshire Pigs.

when you write.

High Class Berkshire Pigs.

Any of our readers wanting strictly high class breeding stock will do well to write to A. M. canney of Perryville. Mo., ewner of Keisler Berkshire Farm. He is offering to high class registered spring pigs at very reasonable prices. These pigs are affect by the three herd, boars, Rivalesr, Grand Leader ane fissinght Premier Sim. The preeding of these pigs is right and they are streaged in the control of the c

mention Farmers Mail and Breeze.

A Good Paying Business.

Did you ever consider how much a good auctioneer makes in a year? How much interest he realise on his investment? It is nothing unusual for a good auctioneer to average \$20 to \$50 per day, during the sale season. Throughout the country everywhere you will find men who are graduates of the Missouri Auction School who are making good. With competition as strong as it is today only those can succeed who are best qualified and fitted for their particular line of business. The Missouri Auction School can give you a thorough course in this work for a very small sum. Write them for their catalog and additional information.

N. Missouri and Iowa

BY W. L. BLIZZARD.

Last Call Bredford's Sale. Last Call Bradford's Sale.

The last time we call attention to
the Bradford's Spotted Poland Chins
at Columbia, Mo., August 19. The 70
gafe in pig will afford the breeder
farmer, who is looking for prolific
ted Poland Chinas that have size, bone
quality, an opportunity to select a sow
comes close to the ideal type. The
first also includes, 10 serviceable boars
h should find homes among the best
in the country. The blood lines repnied by such noted sires as Spotted
polick Lengfollow, Readlight and Good to attend the sale. Remember the data August 18. Eindly mention Fermers Mail and Breeze when writing.

Publisher's News Notes

A Music School's Success,

September 1 the Wichrica College of Music
will oben its ninth annual school year. All
departments plane vice violin violincelle
pibe organ all band instruments, expression, feldentien), complete theory course,
public school music are complete with competent tacchers in charge. This is one of
the few of the larger institutions where
music and dramatic art are made specialties, not a side large institutions where
music and dramatic art are made epoclatties, not a side large institutions where
majority of schools. The equipment of this
school is the best in the state and many
offsith teathers amployed are of intermafosial reputation with the best of Americal
and European training. The phenomenal
success of this school since its organization
mine years ago ireae could due to the aggressiveness of Theodore Landberg, president and founder, who is the of the best
known musicians in Empsas having been
associated in musical drokes of the state for
more than twesty years.



ELEWALE STUDY

Members of this association adversaries of this association adversaries and the brooking of



POLAND CHINAS.

Los in State (Size 4)

IOSAUA MORGAN, Hardy, R The best in Big, Smooth Polanda A or asis. See my for a hoar.

John Kenninerer's Polanda Choice barr out of ruby 12, and No. Chief, in specior invited the Corner, female, ion.

A. T. CARMAN, COURTLAND, KAN.
Oholes, big. smooth Polands,
Write me for description and breeding.

ira C. Kyle & Son's Lam type Princis. Glos Eing, Bell' A Wonder Class. by A Wonder, Barry Expansion 17888, by Dorr's Expansion. Markette, Mary

Three Fall Boars Fire alls fared to Miller's Signs Object and spring bearing for the party of the state of th

DUROC-SHREETS.

Bargains in Spring Boars All Street

Choice Spring Duroe Jersey Boars and by Grimen, Debudge, Out of making seve-it. F. William, Formoso, Kan.

FOR SALE: SALE SALE SPECIAL POLL SELECTION OF THE PROPERTY OF

IS FALL BOARS

E.A. Frump, Formoso, Kan.

O CHARL STREET BOARS TO THE JOHN MCMULLEN, Formose, Ren

President Storton

GUNGNAUT CATTLE

Reg. Gueraney Bull Calves For Sak old mount to his grade the gent tion and press. W. E. WANG. The Rose

JERSEY CATTLE.

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D. S. POLLED DURBANS

Ball Calves, provide the relation of the control of

PERCHEBONS.

PERCHERON Stock for male Breeding Farm & a street shint, in

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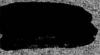
Party Livestock Apotioneers

a. 4. norr, manking, kin. Write or phone Livestock Anciloneer for dates:

Frank Regan Livestock

Ol laves I motos laves

Tristing Metonic 42



Royal Scion Farm Durocs

ste Col. and Col. Scion head this herd; boars by Gradease Col.; also fall gilts new Rivers (See Seed to him.) M. Kente 10. Wiley E.L.D. KAN.

BICE AND DE NOTATION BROKE HISTORY

156 corn bred to Pair Rival lots Eth boar King's 16th Masterpless. All lon-ber 1st. Eighty bred sows and stills to back or 50st. Every man bla more to Roy Johnston's Poland Chinas-

bred or open; fall yearling gilts, bred or open. Early spring of March and April farrow. Boars of serviceable age. The i of strictly big type breeding.

ROY JOHNSTON, South Mound, Kansas

Dean's Mastodon Poland Chinas Serviceable boars and bred sown to be some for the sound sows 65 inches leng, bone 84 in., and 84 inches high. VACCINATED AND IMPUNE Herd beaded by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Sverything guaranteed and sold warth the money. Phone Dearborn: station, New Market, and postoffice, Weston, Mo. Address Charmon DEAN, WESTON, MISSOURI.

ROBINSON'S Mammoth POLAND CHINAS MATERIAL STATE OF THE STATE OF

DOOD BENEFICE SERVICES FOR ANDS

Poland Chines For Sate Poland Chine Bred Cline Chine Bred Cline Chine Bred Cline Chine Chi

Blue Beile King (or Sale PO) AND CHENA BOARS

Otey's Second 1914 Sensational Good E. Nuff-Crimson Wonder Sale

At Craig's Barn on Main Street

Winfield, Kansas, Wednesday, August 26, 1914

Last February, I predicted in my advertisements that March 11, would be a RED LETTER DAY in Duroc-Jersey history in the southwest states. On that date our great sale averaged \$62.12, the highest average with one exception ever made in the southwest states, so far as I know. Yet on account of the 1913 drouth the conditions were perhaps the worst ever known to hold a successful sale. Now Wednesday, August 26, we hold our second sensational sale of the year. We sell 40 great tried sows and gilts and six boars, worth looking after.

The great "planet" of our herd is Good E. Nuff Again King 35203, the sensational Grand Champion of the Kansas State Fair 1913, the "hottest" show Kansas ever had. He is the "crown" of the longest unbroken line of Grand Champions known to me in the purebred world, the climax of the seventh generation of the most skillful and scientific selection and line-breeding, of the "burbanks" of the Durocs, the very summit of the triumph of the constructive breeder's art, and stands today, worthy of the appellation "King of the Durocs." He is the boar that never stood second, a Grand Champion that is not ashamed to face a camera for his picture instead of sending to a foundry to have it "cast." More royal blood perhaps never converged into stream than flows in his veins. He is the boar that at 3 1-2 years old has gained more fame than many great boars in their lifetime. He is worthy the place of "planet" in any herd.

The "Star" that revolves closest to this "planet" is Crimson Wonder 4th, a "star" of the very first magnitude. Six of his first sires were famous Grand Champions. Crimson Wonder

3rd, Crimson Wonder Again, and Crimson Wonder I Am, form his direct line of sires. On dam's side, B. & C's. Col., Prince of Cols., and Red Wonder. What Blackenburg Hero, the eighth sire was, I do not know. Could a pedigree be richer? But he is a worthy climax to his ancestors. Last fall at 13 months old with but few weeks' fitting, he won second in class and was picked by J. R. Pfander and other good judges for Grand Champion. Now, Mr. Breeder, I predict, and my reputation as a breeder rests upon it, that this GOOD E. NUFF-CRIMSON WONDER CROSS is going to eclipse any cross thus far attempted in the southwest states, and equal perhaps to any cross in Duroc history. Now is the time to get in on it.

The third "Star" in this constellation is Otey's Dream, a

The third "Star" in this constellation is Otey's Dream, a spring yearling sired by Good E. Nuff Again King. Nine men out of every ten who see them say "Otey's Dream is the best boar on the place," the brightest "star" in the entire constellation. Whether he is to "eclipse" the first "star" and displace the "Old Planet" time will tell. I shall not make any prediction on that now. Come and see these boars. See the offering. Stop at St. James as our guests. Enjoy our hospitality. Meet the breeders from several states. Exchange ideas. Make your own decision, and bid or withhold as your judgment dictates. But you can't afford not to come. Yours very truly,

W. W. OTEY.

Auctioneers: H. S. Duncan, S. A. Savage. Fieldman: A. B.

Duroc-Jersey Sale Harper, Kansas Friday, August 28, 1914

50 12 Sows Bred for Early Fall Litters 50 Early Spring Gilts—Fancy HEAD 13 Choice Spring Boars HEAD

These sows are extra high backed, good boned, stretchy young tried sows that have raised unusually fine early spring litters and are now bred to farrow early this fall. Eight of these sows are by Monarch Chief by The Professor by Ohio Chief and a litter mate to Superba, the hog selling in Browning's sale for \$1,500.00. He is a wonderful hog and perhaps would have made as much Duroc history as Superba had he been fitted and shown.

This is the blood, crossed and re-crossed with Col. and Ohio Chief strains that you are offered in this sale.

A Number of These Hogs Are Show Prospects

The spring pigs are by a grandson of L. & C.'s Ohio Chief, his dam was Dotty Bird. A number of his get in this sale carry the show lines of prize winners and should go to herds headed by champion sires. One Junior sow pig will sell in this sale that will be hard to beat at any show. Breeders and farmers will find here the kind they should have. Much time and money have been used to produce this offering and very little spent for advertising; therefore, they are expected to sell much below their real value. Write today for catalog.

CHAS. W. PARSONS, Harper, Kan.

Auctioneers—Col. John D. Snyder, Col. J. O. Dickerson. Fieldman—A. B. Hunter.

Duroc Dispersion Sale Elmdale, Kansas Thursday, August 27th 63-HEAD-63

Consisting of 14 bred sows, 9 junior yearling bred gilts, 20 open fall gilts, 20 spring gilts and 2 outstanding herd boars.

This offering is rich in the best blood of the breed and has been fed and selected for their breeding quality and future usefulness. They are the choice of over 200 head and carry the blood of Tatarrax, Field's Col., G. M.'s Col., Carl's Critic, Mc's Tat, Critic's Lieutenant and Model Col. H. and are safe in pig to Model Col. H., a grandson of the great King of Col. and Gano's Pride, by Col. Gano. This offering will be a great opportunity for both breeder and farmer. Write today for catalog.

A. J. HANNA, Elmdale, Kan.

Auctioneers: Col. Lafe Burger, Col. John Snyder. Fieldman: A. B. Hunter.



The Melotte—the wonderful Melotte—the great French-Belgian Separator—the prize winner all over Europe—now shipped anywhere in the U. S.—and on the most sweeping introductory offer. The best of all separators in Europe or America-yours on this Rock-Bottom free trial offer-all the same price you would pay in Write for special offer today. Belgium.

This is positively the first bona fide, no-money-down offer ever made on any cream separator. No manufacturer of any cream separator ever dared make such a startling proposition before. All others who have ever pretended to offer you a free trial or to send their separators without any money down have taken care to get something out of you first. But we don't want anything.

The Melotte, introduced only one year ago has swept the country. And now the duty is off—the superb Melotte comes in free—you get the full benefit.

The high tariff has been cut right off-the great Melotte comes in absolutely free of duty! You win! The American farmer can now get the world's best—the grand prize winner of all Europe at a price \$15.25 lower than ever before. The Chicago price is the same price you would pay if you bought the machine in Belgium, plus \$1.75 for water freight.

You cannot compare any other separator to the Melotte-the latest and most improved design, construction and operation. The tariff and patent arrangements have kept it off the American market. Now it is here and to any responsible farmer on the most liberal offer ever made.

Absolutely guaranteed for 15 years.

Sent Without a Penny Down

30 Days Free Trial

Your simple word that you would like to see this wonderful imported cream separator in your own barn or dairy house brings it to you instantly. We neither ask nor want you to send us a penny. You set it up—give it a thorough test with the You milk from your own cows—a free trial in every sense of the word—there is no C. O. D.—no lease or mortgage. If you decide to keep the genuine Melotte, you can keep it on easy

Monthly Payments

These monthly payments are so small that you will hardly notice them. You only pay out of your increased profits. You don't need to be without a cream separator when you can have the Melotte right in your dairy house while you are paying for it. In reality you do not pay for it at all—it pays for itself. We want to demonstrate and prove that the Melotte does pay for itself.

aluable Book Free

Free Coupon

The **Melotte Separator** 19th St. & California Ave.

Dept. 456-Z. Chicago, III., U. S. A. Without any obligation on me send me free and prepaid your booklet, "Profitable Dairying," and your special free-tariff prices on the Imported Mclotte Cram Separator. Also full details of your free trial, monthly-payment, no-money-down offer.

Place your name on this coupon, cut it out and mail it at once. We will send you our great free book, "Profitable Dairying" telling you everything about cows and dairying—how to feed and care for cattle—how to make more money than ever before out of your cows. This book is written by two of the best known dairy scientists in the country; Prof. B. H. Benkendorf, Wisconsin Dairy School of Agricultural College, Madison, Wis., and K. L. Hatch, Winnebago County Agricultural School, Winneconne, Wis. Does not contains a word of advertising.

We will also send our Free Catalog, describing fully the Molotte Self-Balancing Bowl Cream Separator and telling you all about the great Free-Duty offer and extremely liberal terms. Most liberal offer ever made on a cream separator.

> The Melotte Separator 19th St. and California Avenue Dept. 456-Z. Chicago, III., U. S. A.

Imported Direct from Belgium

The Melotte bowl hangs down from a single perfect bearing and spins like a top. It will continue spinning for half an hour after you stop turning crank unless you apply brake. Patented self-balancing bowlisentirely automatic. You can't get it out of balance and so perfect is the balance that it is impossible for itto vibrate and effect the skimming efficiency like other separators. The bowl chamber is made of special cast iron, porcelain lined with white bath tub enamel. The Melotte is easiest to clean, perfectly sanitary and will last a lifetime.

For 25 Years the World's Grand Prize Winner

Here are a very few of the hundreds of grand world's prizes the Melotte has won. The entire list would cover this page:

1888—Brussels—International Exhibition — Progressive Prize. 1894—Medal of Higher Merit. 1895—Vienna—First Prize. 1897—Brussels—World's Ex-hibition. First Prize. 1898-London-First Prize. 1900—Paris Gold Medal and First Prize. 1908—London Gold Medal and First Prize. 1904—St. Louis - Gold Award. 1906—Milan — First Grand Prize.

1907—Ams Prize. Amsterdam

1911—Brussels — Grand Prise and First Gold Medal.