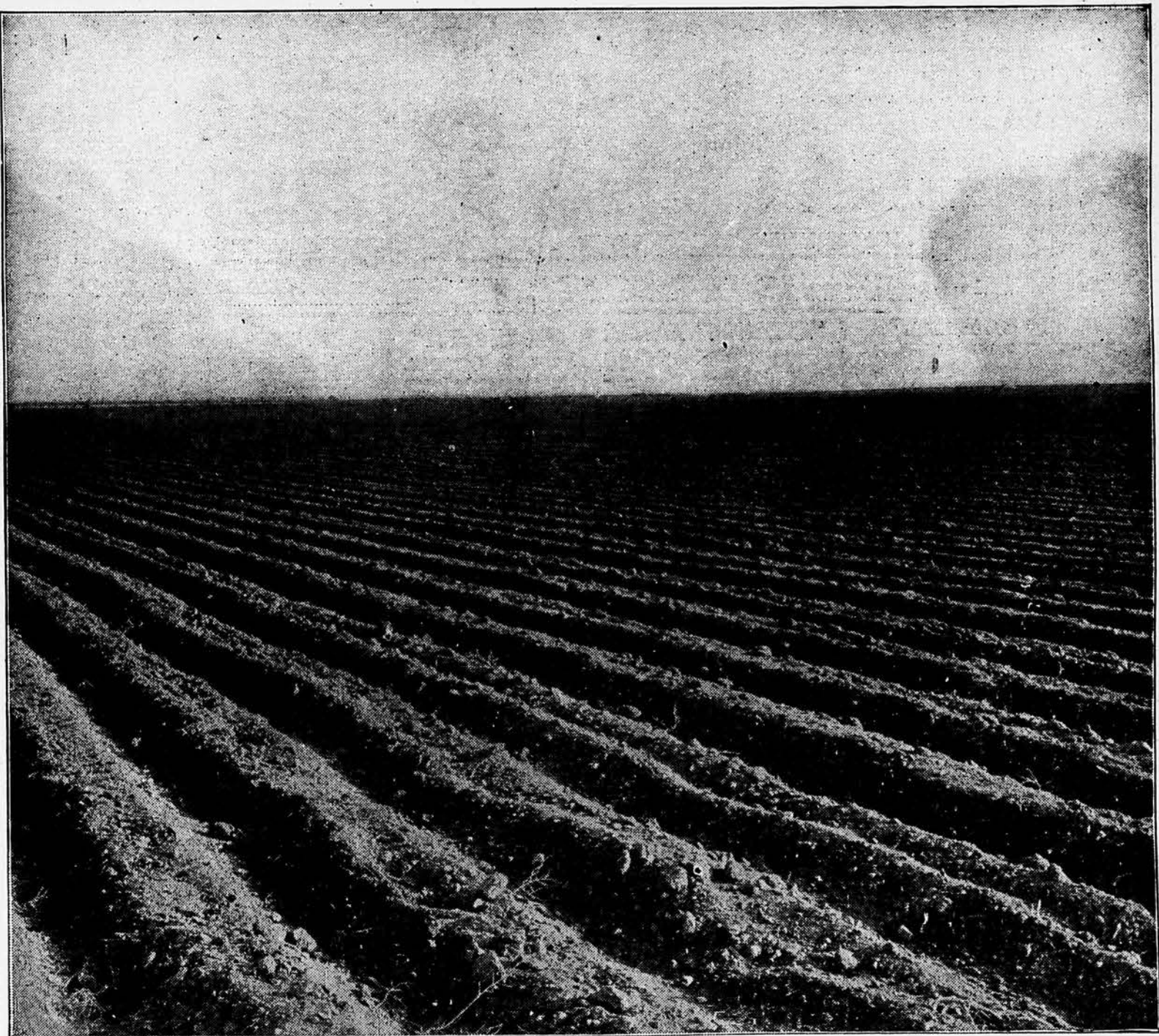


THE FARMERS MAIL AND BREEZE

Volume 42

April 20, 1912

Number 6



Fall Listed Field at Hays Station Which Stored Moisture all Winter and will be Planted to Kafir
(Photo by S. C. Orr.)

IN next week's Mail and Breeze F. D. Coburn will present a survey of agricultural conditions in Kansas at the present time, which will be full of meaty suggestions and prove of great interest to every farmer in the state, especially to the man who is in doubt about his wheat. The article has been prepared expressly to meet problems arising from the peculiarities of the season and has been written exclusively for the Mail and Breeze.

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"CARNATION" Parlor Lamp



\$1.95 Weight 22-lb.
Diameter of Globe 9 inches
Oil pot is of heavy brass, which fits into the Lamp base. Richly decorated and tinted in a rich reddish-brown, with sprays of pink, yellow and maroon carnations, with green leaves and stems. Has heavy No. 3 brass burner, 1 1/2-in. wick, and lead-glass chimney. The base is a new and fancy design, gilt finished, made of open-work cast metal. When packed for shipment this Lamp weighs 20 lbs. Kindly bear in mind that we guarantee our shipment to arrive in good condition.
28XC2200—Each\$1.95

\$3.48—42-PIECE DINNER SET—\$3.48



FULLY GUARANTEED, warranted never to crack or crackle. Each piece is neatly embossed around the edge, and has a rich, dark-green floral spray decoration underneath the glass. Each set consists of the following: Six large dinner and six pie plates; six cups and saucers; six sauce dishes; six individual butter dishes; one meat platter, 18 inches long; one round, deep and one oblong vegetable dish; one large sugar and cream pitcher—making the complete set—42 pieces in all. We pack these carefully, each set in a crate, and ship from Kansas City, guaranteeing safe delivery. You take no risk of breakage. Free with every order—genuine cut glass salt shaker, 1 pepper, 1 toothpick holder, 28XC2101—Green-Under-Glass 42-Piece Dinner Set (shipping weight 35 pounds). Price.....\$3.48

English Cooking Set



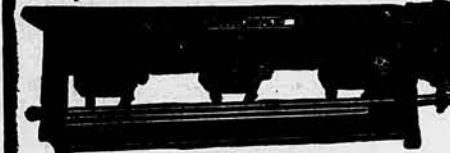
For Stewing, baking, preserving or roasting. Kettles hold 3 and 4 quarts. Covered Roaster is 11-in. Set as shown weighs 20 lbs. 28XC202—Cooking Set, complete.....\$7.00

FINE WATER SET 82c



Pitcher is popular tall shape, etched decorations as shown with six thin-blown tumblers to match.
Worth Double at Retail.
28XC1920—Complete set shown, 82c

THREE-BURNER "STANDARD."



\$4.25 BURNS KEROSENE OIL. It is well built; has a good steel cabinet frame, handsomely enameled and decorated. Has three large 10-inch burners. The flow of oil is direct and free to each burner. Lights easily. It is absolutely safe, and easier to operate than gasoline or gas. No dirt, no soot, no trouble in cooking or baking. We guarantee these Stoves to give satisfaction. Size of top, 18x18 inches; height, 11 inches; weight, 25 pounds.
28LX1450—Three-Burner Stove; complete.....\$4.25
1445—Two-Burner; complete.....\$2.50

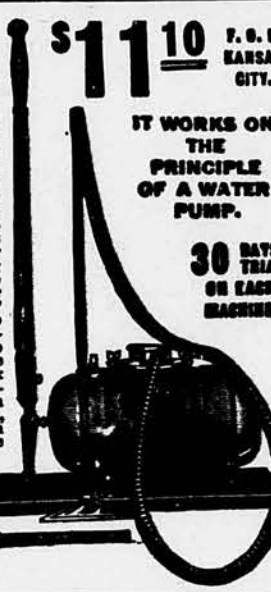
"AMERICAN" WASHER



\$2.98
Weight 60 Lbs.
A MOST EXCELLENT WASHER.
Every desirable feature is embodied in the "American." Made round with corrugated staves and bottom, which gives durability, and makes it a successful Washer. Many thousands now in use.
27KC2035—"American" Round Washer; Price.....\$2.98

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30 Days' Trial. We sell the "Liberty" under our usual guarantee of "satisfaction after using the Cleaner for 30 days."
27KC2067—"Liberty" Vacuum Cleaner, complete, as described, wgt. 15 lbs., F.O.B. Kans. City.....\$11.10



IT WORKS ON THE PRINCIPLE OF A WATER PUMP.
30 DAYS TRIAL ON EACH MACHINE.

MILK BOTTLES

28XA22—13 doz. 1/2 pint, \$4.25; 13 doz. pint, \$4.70; 13 doz. quart, \$5.00.
Best quality Flint Glass, full size and good weight. Fully described in our Large Catalog.

Milk Bottle Caps

Best Quality—Extra Heavy.
1,000 for.....23c | 5,000 for.....\$9.00
28XA26—Will fit any standard size bottle.

3-Burner Low "Junior" \$3.40



This is the best selling and most popular "Junior" Stove made. It has three full-sized burners, and will do as much work as any three-burner Stove. It is simply strong in construction to carry any ordinary weight. The tank is stationary, and is double-seamed at top and bottom to prevent leaking. Every Stove is guaranteed. The burners are extra large, with all brass angle parts. Height, 13 inches; top measure, 28x15 inches. Weight, 25 pounds. 28LX1505—Price, complete.....\$3.40

"NEW RADIUM" RANGE



\$19.95 Guaranteed to be the best Steel Range ever sold at the price. Duplex grates for wood or coal. Made of heavy, smooth steel, nickel-plated trimmed. Size of oven, 16x12x13.
This Range is just what you have been looking for. Sold on our regular guarantee of satisfaction or money back. Fully described in Catalog No. 26, but you are perfectly safe in ordering direct from this advertisement.
Shipping weight, 50 lbs.
Order number: 28LX745—F. O. B. Kansas City.....\$19.95

No. 80 Booten Wringer



Guaranteed for One Year
\$2.82
This is a splendid medium-priced Wringer, and if given proper care will give good service. Flat steel pressure-spring. Plain bearings. Rolls 10x1 1/2-in. Weight, 22 pounds.
27KC2002—"No. 80 Booten" Wringer; each.....\$2.82

Mrs. Pott's Sad Irons



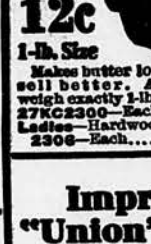
THE BEST ON THE MARKET.
75c PER SET
27KC2181—Nickel Plated; per set.....75c
27KC2306—Extra Handles; each.....6c
Weight, per set, 15 pounds.

Sugar or Soap Kettles



These are trade size; actual capacity about one-fifth less.
27KC4182—20-gal. (50 lbs.), \$2.93
30-gal. (80 lbs.), \$4.38

Butter Moulds



12c
1-lb. Size
Makes butter look nice and sell better. Also serves to weigh exactly 1-lb. when filled.
27KC2300—Each.....12c
Ladies—Hardwood—27KC-2306—Each.....4c

"IOWA" Milk Cans



27KC2184—Seamless covers, 2-piece neck and bowl, wrought steel; heavy.
5-gallon.....\$2.07
8-gallon.....2.35
10-gallon.....2.52
See other styles in our Large No. 26 Catalog.

Improved "Union" Churn

Recognized by competent judges as one of the very best the market affords. Built of selected materials on correct principles, easy to operate, easy to clean and makes butter quickly. Simple in construction, strong and durable. A machine that invariably gives the best of satisfaction. We have it in three sizes. Prices F. O. B. Kansas City.
27KC2230—No. 1, 4-gal. capacity, weight 40 lbs.....\$3.94
27KC2231—No. 2, 7-gal. capacity, weight 35 lbs.....\$4.27
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THE FARMERS MAIL AND BREEZE

AN AGRICULTURAL AND FAMILY JOURNAL FOR THE PEOPLE OF THE GREAT WEST



Volume 42
Number 6

TOPEKA, KANSAS, APRIL 20, 1912.

Subscription
\$1.00 a Year

SOME NEW AND OLD FACTS IN KANSAS DRY-FARMING

The principles of dry-farming may be followed any year, almost anywhere, with benefit, and some of them have been practiced by farmers for hundreds and thousands of years. "In regions of scant rainfall, dry-farming as a system, will become permanent and sure, when new methods are generally practiced," says Prof. TenEyck of the western Kansas station. He declares if the western dry-land farmer will practice the regular system of soil culture, crop rotation and raising of livestock, described in this article, his business will be just as permanent and his profits more certain than those of the farmer in the more humid regions, where crops are apt to be injured by too much rain as well as too little. Many of the suggestions made in this article have been worked out and demonstrated on the big 3,000-acre farm at Hays, the world's biggest dry-farming station.—Editor's Note.

OLD settlers affirm that in 1911 western Kansas experienced the driest year since its settlement and development as an agricultural country. The almost total failure of all crops has compelled farmers to study dry-farming as never before. Up to the present time the great fault with western Kansas agriculture has been the absence of a regular system or method of farming. In fact, until the last few years, "any old way" would fairly describe the method of cropping and soil culture in general practice. But this condition is rapidly changing.

The study of the science of dry-farming has served to establish certain facts and principles which must be observed in order to grow profitable crops. The most important of these is the fact that the moisture which falls as rain or snow must be stored in the subsoil and conserved by a proper system of soil culture in order to insure against crop failure due to drouth during the growing period of the crop.

It has become a generally accepted fact that profitable crops cannot be produced for a long period in the Great Plains region, by a process of continuous cropping which depends mainly upon the rains that fall during the growing season. In order to insure against loss or entire failure of crops it is necessary to store the rains which fall between the harvesting of one crop and the planting of the next. Occasionally it becomes necessary to fallow the land or rest it from cropping for a season with the purpose of storing the rains of one whole year in the subsoil. Soil moisture is thus accumulated so there may be a sufficient supply to insure the production of the crop when planted.

The plan of producing a soil mulch to conserve the moisture in the soil has been taught and practiced for many years. But in a very dry season this method fails because there is no moisture

By A. M. TenEyck

Supt. of Western Kansas Experiment
Station of Kansas Agricultural College

Written For Farmers Mail and Breeze

stored in the soil. Then a soil mulch is of little or no benefit because there is no moisture to conserve.

In the beginning of seedbed preparation the plan should be to put the soil in the most favorable condition to receive the rain and carry it downward into the subsoil. This is favored by disking soon after harvest, or late in the fall, or early in spring. Deep plowing a long time before planting, leaving the soil mellow and rough enlarges the water reservoir and favors the absorption of heavy rains. But the best plan of storing moisture, as I have determined by experiments and as brought out by farmers' experiences told at institutes, is the method of listing the soil in deep furrows and high ridges immediately after harvest or in the fall after the corn or Kafir is cut. If it cannot be done in the fall early spring listing is desirable.

Soil opened up in listed furrows is in the best possible condition to catch and store the rain. The water quickly runs to the bottom of the furrows and is rapidly absorbed directly into the subsoil without having to pass through 6 or 8 inches of fine compact surface soil. The subsoil of our western plains is usually checked or stratified in a vertical plane hence the water in the bottom of the listed furrows penetrates rapidly downward and is protected from evaporation because less evaporating surface is exposed. The ridges also protect the furrows from the wind and direct rays of the sun where listing is done east and west.

On the other hand, surface soil is an unstratified mass of fine soil grains which does not allow the rain water to percolate readily. Also a heavy rain

quickly packs the soil at the surface so that it will not take water rapidly, with the result that too much water drains off before it can be absorbed by the soil.

On a smoothly cultivated field half of the water falling in a heavy rain of 2 inches, lasting one hour, was estimated to have been lost in the runoff while a deeply listed field and a newly plowed field, left rough, received and stored nearly the total amount of precipitation.

Again the unfurrowed surface, and this applies to rough plowing as well as to the smoothly cultivated field, is equally wet all over its surface. The water percolates slowly through this compact mass while the surface remains wet and hard and much of the water is brought back to the surface and lost by evaporation even before the ground is dry enough to cultivate to restore the soil mulch.

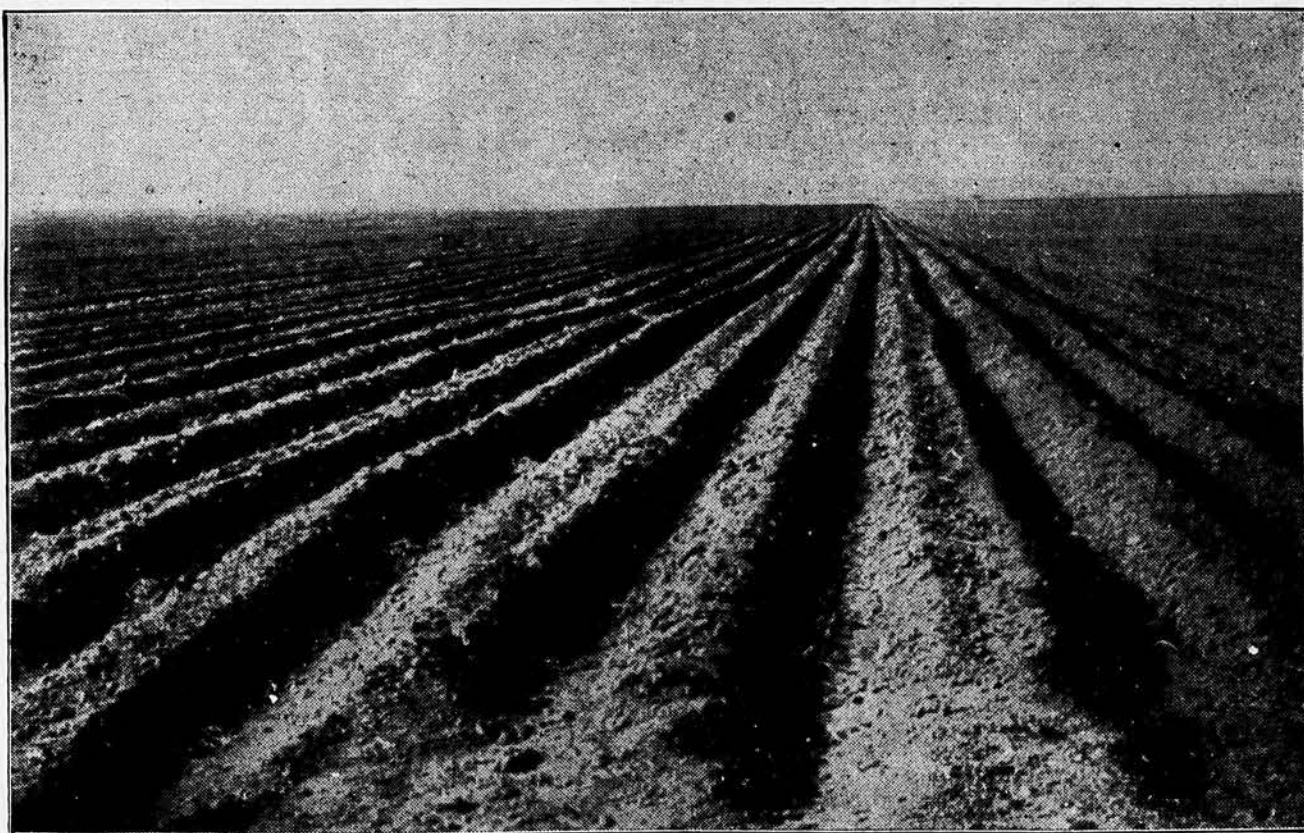
Meanwhile the listed ridges dry rapidly because the greater part of the water has sunk rapidly into the subsoil and is largely protected from returning to the surface and evaporating. The ridges may be harrowed soon after a heavy rain which will cover the wet furrows and later the ridges may be split with the lister, which will open a new set of furrows ready to receive and absorb another heavy rain. Later corn may be planted in the original furrows. Or if a seedbed for small grain is desired the ridges are worked down with a harrow, or the furrows are filled by one operation with the disc-lister corn cultivator. This should be followed with sufficient cultivation to pulverize the soil and settle it into good seedbed condition.

The listing plan is also adapted to the summer fallow. During the early part of the year the ground should be kept in a furrowed, mellow condition in order to receive and store as much of the rainfall as possible, but later the land may be plowed deeply and worked back into a firm, well pulverized seedbed, suitable for starting wheat or other small grain.

These soil culture methods have already been tested at the Hays station. In preparing the seedbed for corn early listing has resulted in storing more moisture in the soil than deep plowing or disking. All of the land on the station farm which will be planted to corn, Kafir, milo, or cane this year, also part of that which will be summer fallowed, was listed late last fall in deep furrows east and west. These furrows have prevented the soil from drifting and have caught the snow and rain.

The plan of rotation authorized at the station and which will be put into practice on about 1,200 acres of upland now under the plow, is to summer fallow one third of the fields each year. One third of the land will be put into wheat each year and one third will grow feed crops, mainly the sorghums. After 1912 the wheat will always follow the summer fallow and

(Continued Page 10.)



—Photo by S. C. Orr.

THE LISTING METHOD OF STORING AND CONSERVING SOIL MOISTURE.

This is being practiced on a large scale at the Hays Branch Experiment station. Observe the contrast between the smooth surface as left by the harrow and the ridged and furrowed surface left by the lister. Which will better resist soil drifting? Which will catch the most snow and rain? Which will store the most moisture in the subsoil? These furrows are half a mile long. This field will be planted with corn or Kafir this spring (1912). Photo taken while listing was in progress, late in November, 1911.

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WE GUARANTEE that every advertiser in this issue is reliable. Should any advertiser herein deal dishonestly with any subscriber, we will make good the amount of your loss, provided such transaction occurs within one month from date of this issue, that it is reported to us within a week of its occurrence, and that we find the facts to be as stated. It is a condition of this contract that in writing to advertisers you state: "I saw your advertisement in Farmers Mail and Breeze."

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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 page 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.



PASSING
COMMENT
by
T. A. McNeal

EVIL NOT NECESSARY. I heard you say, my friend, that certain things were necessary evils. There never was a more pernicious one ever invented or promulgated among men than that evil is necessary.

The moral law that governs this world is perfect. If its precepts were obeyed this world would be a place of unalloyed happiness. Disease would be abolished, crime would cease and the Golden Rule would be in universal operation. Men have always violated the moral law; possibly they always will so long as the world lasts, but that doesn't prove that evil is necessary.

Touch pitch and you will be defiled, but it isn't necessary to be defiled. Fill your system with poisonous drugs and liquors and your system will become diseased, but it isn't necessary to fill your system with poisonous drugs or liquors. Make a glutton of yourself and you will suffer the pains of indigestion and dyspepsia, but it isn't necessary to make a glutton of yourself.

Men argue that certain evils such as saloons and houses of prostitution will exist clandestinely if forbidden by law, therefore it is best to license and regulate them. Murder has been in the world since Cain slew his brother, but no one now has the hardihood to say that because murder always has been and perhaps will always be so long as the world lasts it would therefore be better to license murder. What would be thought of the man who would advocate granting a license to, say one murderer to every 2,000 inhabitants and requiring that the murderer should pay a license of a thousand dollars per annum for the privilege and be required not to murder anybody after 12 o'clock at night?

Theft is not very uncommon. Stealing in a small way or a large way goes on every day and every week and every month and every year. No law prohibiting theft has ever been devised that stopped stealing. To be logical you should argue that theft is a necessary evil. The fact that laws against it have proven ineffectual according to your way of reasoning breeds a disrespect for law, therefore regulate the evil. Provide for a high license for thieves. Let only respectable and gentlemanly crooks engage in the business of robbing their fellowmen and make them pay a part of their stealings into the public treasury to help support the victims of their robberies.

The social evil exists. It always has existed, perhaps it always will exist; therefore you say regulate it. Permit a limited number of women to sell their virtue, to spread disease and death, and let the municipality take a part of the wages of their shame. Hell hasn't been abolished. Form a partnership with hell.

There is no such thing as a justifiable partnership with evil.

The moral law is prohibitive. It says if you sin you must suffer the consequences. It makes no com-

promises. You cannot with money buy immunity from the penalties of the moral law. The civil law should be based on the moral and patterned after it. In so far as it is not it is wrong.

And, by the way, the social evil and the drink evil are doing more harm to the body politic today than most of the other evils complained of combined. They are debauching the manhood of the country and taking fearful tolls both from the present generation and from posterity yet unborn. The innocent suffer alike with the guilty and the government, national, state and municipal is party to the crime.

Leaders in politics generally avoid this issue. They talk long and loud about a good many things which it is rather popular to talk about, but they carefully avoid expressing an opinion on matters which are of most vital importance to the health and happiness of the men, women and children of this nation.

LET THE STATE PUBLISH THE SCHOOL BOOKS.

So far as I know anything about them I believe that the members of the school text book commission appointed by the governor are honest and capable men. I have no objection to their appointment individually or collectively. The fact that one of them is a Catholic priest does not in the least disturb me.

But I do believe that no matter how much this board may wish to do the right thing in the matter of selecting text books they will not be able to accomplish what the people want under present arrangements. I believe that there is a combine among the book publishing concerns and an understanding that Kansas is not to be permitted to have first class books. Books of an inferior grade will be submitted to this commission for their inspection and no other kind. No matter what books they may select they will not be satisfactory and then the old cry will be raised that under our present law it is impossible to furnish first class books. The object is to discredit the present Kansas law and if possible force its repeal.

The statement that first class books cannot be furnished at the prices provided in the Kansas law is a lie. I know what I am talking about in this matter, although I will admit that I may at times reach erroneous conclusions about some other things.

It is an outrage that the people of Kansas should be at the mercy of a greedy combine, a flock of cormorants who have no interest except gain. There is only one remedy for the evil and that is state publication of text books. Just let the state go to work in dead earnest and prepare itself to publish all the books that are to be used in the schools of the state and immediately you will find that these same book publishing houses will be ready to furnish as good books as can be found in any state at the present prices. They will be ready to do even more than that if necessary to prevent the state from doing its own school book publishing.

If there is any place that ought above all others to be free from graft it is our school system, yet the only instance of which I happen to have had personal knowledge of an attempt to corrupt the legislature of this state was one in which the representatives of book publishing houses made the attempt. I believe also that the same sinister influence is and has been at work over the entire state attempting to bribe, and where bribery would not work, to bedevil the minds of the teachers and members of school boards to secure their influence against state publication.

FOR BUILDING GOOD ROADS.

Bill No. 2935, now pending in the senate of the United States, proposes to appropriate 20 million dollars out of the United States treasury to help in the building of good roads. I wish it were 40 million dollars and that that amount were deducted from the 250 million dollars that will be spent on the army and navy. Good roads are essential to the prosperity as well as the comfort of our people.

The people of this blessed country think they are the smartest people on the face of the earth, and maybe they are, but in the matter of making roads they have shown the brain power of loons or the mythical gillaroo bird.

There has, as a rule, been no plan, no system, no co-ordination of effort. Roads are as often damaged as helped by the kind of work that is done on them.

Statistics appear to show that the average cost of hauling the products of the farm over our country roads is 25 cents per ton per mile, and that the average haul is about 12 miles. In France the average cost of hauling freight over the country road is 9 cents per mile. In England it is not more than 12 cents per mile.

We really labor under the impression that we are wiser than the frog eaters of France. We think the average English farmer isn't in our class. Both of them, however, seem to have more sense about roads than we have.

It is estimated that the farmers of this blessed country lose every year on account of bad roads the enormous sum of 1 billion dollars. Think of it!

The Santa Fe road, one of the greatest in the country, estimates the average cost of its line at about \$60,000 per mile. It passes over plains. It climbs mountains and bores tunnels through the great backbone of the American continent. The farmers of the United States, according to the opinion of experts, lose every year on account of bad roads enough to

build four lines of railroad equal to the Santa Fe in point of equipment from ocean to ocean.

Between the first day of January and the last day of December, according to the same estimate, they lose enough to build 200,000 palatial residences each costing \$5,000. Estimating the value of a good 3-year-old steer at \$75, the waste on account of bad roads every year represents the sacrifice of a herd of 12,333,333 fine 3-year-old steers.

Statistics, of course, are not always reliable. Possibly the estimates of losses on account of poor roads are exaggerated, but it is certain that the waste is enormous. I do not just now think of any way in which the government can spend 20 million dollars to better advantage than in the building of good roads.

ENVIRONMENT NOT RACE.

I have been hearing all my life about the racial differences among men. I have been told that certain races had certain inborn characteristics that never changed.

I have concluded that the statement is largely error. Men, like stock, are the result of education and environment. Place an Arkansas razorback hog beside a well bred, well fed swine and it is hard to believe that the two belong to the same species. They do, however. Both are hogs. Take the razorback away from its unfavorable environments; feed it well, breed it up and the grandchildren of that same long-snouted, long-tailed, long-legged and rawboned travesty on the hog will show up pretty well beside the petted and favored scion of the hog aristocracy.

The poor, ignorant, half fed and half clothed peasant of Ireland of a few generations ago, didn't look like a man who was fit for self government, and he wasn't. But when he got over here into the land of freedom and opportunity the wonderful process of development commenced at once and the children of the ignorant bog trotter sat in the seats of the mighty and became the rulers of the land.

People affect to despise the Italian. They say that he is racially unfit to become a citizen of a country where the people rule. And yet the descendants of these same ignorant Italians when given freedom of opportunity become fine, intelligent and thrifty citizens.

Mexico is a failure as a republic and we are prone to say that it is impossible to make good citizens out of that kind of material. It is true that the mass of Mexicans are unfit for self government now. That unhappy country is reaping the legitimate fruits of centuries of oppression and misrule.

Ground down into the depths of poverty and ignorance it is no wonder they are not fit for self government. And yet if those same Mexicans could have freedom of opportunity, could enjoy the blessings of justice for a generation, it would be found that they would develop into self reliant and intelligent citizens.

There is not near the difference between races of men that is generally supposed. Men are the result of environment. Education and opportunity count for everything.

Portugal is having a hard time to sustain a republic. Men say that the reason is that the citizenship of Portugal is inherently worthless and incompetent. The falsity of this assumption is shown by at least one hard, practical fact. A number of Portuguese have settled in California and gone into the business of farming and fruit growing. They have proved themselves the best of farmers and horticulturists. It takes both brains and industry to make a first class horticulturist or farmer. The Portuguese in California have shown that they have both industry and brains. All they needed was freedom of opportunity. They are getting rich and they are level-headed, good citizens.

It is not a question of race, gentlemen. It is a question of environment and opportunity.

POSTAL SAVINGS BANKS AND THE PEOPLE.

The government of the United States has established postal savings banks. It is a step in the right direction. Already these savings banks have brought out of hiding millions of money held by people who distrusted the banks but who have implicit confidence in the good faith and solvency of the government.

So far so good. But the government is still tied to the banks. The money deposited in the government savings banks must be lent to the banks. That is good for the banks, but how about the people? What do the banks do with the money that is lent to them by the government out of these savings of the people? They lend it back to the people at from three to four times the rate charged them by the government.

Why should not the government lend the money direct to the people without the intervention of the banks? Is there any reason why the government should not get as good security from the borrowers as the banks get?

If farmers could go direct to the government savings bank and borrow money, not at 2 1/4 per cent, as the banks do, but at 3 per cent, what a tremendous advantage it would be to them. Of course, the bankers would object. So would you, gentle reader, if you were a banker. It is human nature to object seriously when a special privilege is taken away.

Notice how the cane growers of Louisiana howl when it is proposed to have free sugar. They even

threaten that they will leave the dear old Democratic party if this foolishness of giving the people free sugar is not stopped. "Tackle the other fellow's graft," they yell, "let ours alone."

The business of the banker is to lend money, not his own money, but that of other people. Cheap money is not to his interest, but it is to the interest of the great body of the people who need money at low rates in order to do business and develop their lands.

If it is a proper business of the government to go into the banking business at all, why stop half way? Let the government lend the deposits it collects from the people to the people just as banks do, only the money should be lent not at a profit but at cost.

If 1 per cent over the amount paid by the government on deposits is sufficient to cover costs of handling the fund, then let the rate to the borrower be 1 per cent above that paid to the depositor. If 1 per cent is not sufficient, then let it be 1½ per cent. The borrowers would not kick on paying 3½ per cent.

THE PARCELS POST LAW.

H. S. Bacon, of Larned, Kan., writes as follows: "I am without a clear understanding of the Parcels Post bill. Will you kindly enlighten me?"

It is not to be wondered at that Mr. Bacon is without a clear understanding of this bill. A reading of the discussion of the bill as given in the Congressional Record gives me the impression that the members of congress themselves do not have a particularly luminous understanding of it. I may not understand it myself, but will give the inquirer the best I have.

The proposed parcels post law is at best a makeshift and an experiment. Congressmen have been bombarded by letters and petitions on the one hand asking that they support a general parcels post law such as now prevails in most of the European countries. On the other hand, they have been bombarded with letters and petitions from country merchants all over the country asking them to vote against any parcels post law under the plea that the passage of such a law will ruin the country merchants and benefit only the great mail order houses.

So the congressmen who have had this question before them have tried their best to dodge and put out something that will not offend the country merchants and at the same time make the farmers believe they are getting something. It is a difficult job. It is somewhat similar to trying to ride two horses traveling in different directions at the same time.

But here is what is proposed as nearly as I can make it out from reading the Record. They propose to establish what they call a rural parcels post, that is, it will be operative only on rural routes. Under the terms of the proposed bill a package of one pound will be carried over the rural route for 5 cents. For each additional pound or fraction thereof the charge will be 2 cents up to 11 pounds. In other words, under the provisions of this bill, it will be possible to send a package over a rural route weighing 11 pounds for 25 cents. A package weighing 10 pounds would cost 23 cents; one weighing nine pounds 21 cents, and so on down.

This only applies, however, to the rural route. The rate begins at the city or town where the rural route begins. For example, any farmer living on any rural route running out from Larned can have a package weighing 11 pounds carried to him from Larned for 25 cents, or he can send a package weighing 11 pounds from his farm to Larned for 25 cents, but if he sends a package from his farm to Kansas City or Chicago he can only send four pounds as under the old law, which is not repealed, and will have to pay postage on it at the rate of 1 cent per ounce or 16 cents per pound. In other words, this proposed law will be of no benefit to him on matter sent long distances.

Now I may be wrong in my conclusion, but my opinion is that when the farmers who have been demanding a parcels post law learn what this proposed measure is they will be inclined to rise with a loud and indignant snort and ask, "What are you giving us?"

The proposed law would seem to be entirely satisfactory to the local dealers if it were not for the fact that it is most likely to be followed later by a general parcels post law that will give the citizens of our own country the same advantages that are enjoyed by citizens of other countries sending matter through the mails from their countries to ours.

At present it is possible for the residents of any one of the 24 different foreign governments, if I have the count correct, to send a package clear across the ocean to any postoffice in this country at the rate of 12 cents per pound, and in packages weighing not to exceed 11 pounds, while a citizen of this country cannot send a package to any town within this country by mail without paying at the rate of 16 cents per pound, and then he is limited to four pounds.

Incidentally, some interesting facts were brought out in the course of this discussion. The express companies of the country pay the railroads for hauling their express matter at the rate of three-fourths of a cent per pound, while the government has to pay the railroads at the rate of about 7 cents per pound for hauling mail matter.

As perishable matter and live animals and the

like are excluded from the mails while the express companies carry them right along, it would seem that the United States furnishes the more desirable kind of goods, and if there is to be any distinction made in cost of carriage it ought to be in favor of the government.

Instead of this, however, the government, according to the figures quoted in congress, has to pay about nine times as much as the express companies.

It is no particular wonder that the express companies can pay enormous dividends and carry packages at a cheaper rate than the government can afford to carry them under the sort of contracts the government has with the railroads.

IT TIES UP THE GOVERNMENT.

The government of the United States has now established postal savings banks in nearly all parts of the country. The people are invited to deposit their savings in these government savings banks with assurance that while the interest paid is small the money is perfectly safe. This is true. No one investing in a postal savings bank need fear that he will lose his money unless the government itself goes to smash, which it is to be hoped is hardly a remote possibility.

But in the investment of the money the government is tied up. It is limited in loans to the banks. While the government borrows from the people it ties itself up so that it cannot lend back to the people the money it borrows from them. The banks can borrow the funds out of the government postal banks at 2½ per cent interest and lend the same to the people at from 7 to 10 per cent. And what security has the bank? The security of the people who might just as well borrow from the banks. If the government pays to the depositors 2 per cent it could better afford to loan the money direct to the people at 3 per cent than to loan it to the banks at 2½ per cent. And that is what should be done.

A REMARKABLE KANSAS TOWN.

Every once in a while you will read the statement that there is more drinking and more lawlessness in Kansas than in other states where saloons flourish. The man who makes that statement is either repeating a lie told by someone else or is a deliberate and unmitigated liar on his own account.

However, I did not start out to pronounce a eulogy on Kansas towns in general, which differ from one another even as the stars differ in brightness and glory, but to say a word for what I believe is the most remarkable town in the United States, if not in the entire world.

In the early 70s Newton was the toughest town on the border. In a single night 11 men were killed in a saloon row. Of course, that was perhaps the record so far as a single night's killing was concerned, but in those days there was something doing nearly every night and Newton was famed as the toughest of the tough.

The old order passed. The Texas cattle trail moved westward. No longer was heard the sound of revelry by night, punctuated by revolver shots and profanity. Then came prohibition. Newton was among the first towns of considerable size to establish the rule of law and order and that rule once established has been maintained from then till now.

Today Newton is a flourishing little city of 8,000 people. It is a great railroad town, the aggregate monthly pay of railroad men living there being somewhere in the neighborhood of \$70,000. There are dwellers in the effete East, no doubt, who suppose that railroad employes are disposed to be boisterous and unruly. The railroad men of the city of Newton are among the very best citizens.

Here is a town, as I have said, of 8,000 people with just one policeman and he isn't busy. Since the first of the year 1912 there have been just three arrests in the town. Two of them were bootleggers and one was a person of African descent who indulged in the pastime of whipping his wife. One arrest per month in a town of 8,000 people, what do you think of that? One policeman to guard the peace by day and one by night.

If there is any town of equal size that can show a better or even as good a record I have never heard of it. Now, what do you think would happen in a town of that size with, say 20 saloons, for that would be about the number in a state where saloons are permitted by law?

When you hear a man say, as once in a while you can, that he has lived in Kansas and traveled in Kansas and knows there is more drinking and disorder than in states where saloons are permitted, tell him, if you are large enough to back up your remarks, that he is a liar, and furthermore, that he knows he is a liar, and then cite him to Newton.

Now, I do not claim that all other towns in Kansas can show records like that of Newton. I know they cannot. I know that in some of them there is a good deal of lawlessness and disorder, but on the whole the cities and towns of Kansas will show less lawlessness in proportion to the population than the towns of any other state in the Union.

Newton, as I said, is emphatically a railroad town. The railroad is a constant and consistent foe of booze and disorder, not as a matter of sentiment but as a matter of business. The railroad employe has to

give up booze or give up his job. So it is no particular wonder after all that a railroad town should show such a marvelous record for sobriety and general morality.

I never lived in Newton, but I am mighty proud of it. Its people are a living argument in favor of right living, in favor of decency and sobriety and against the saloon.

AN OLD SOLDIER'S OPINION OF CAVALRY.

I was not aware that I had either approved or disapproved of the Hay bill. There is no question concerning the valuable service rendered by the cavalry during the Civil war. The cavalry arm of the Union army had as much to do with bringing the war to a successful close as the infantry.

Editor Farmers Mail and Breeze—In your issue of March 30, relative to an army question affecting us and referring to the Hay amendment, would say that I am surprised at the stand you take in said writings, as I concluded from what you had written heretofore that you were not only in favor of reducing all branches of the army, but doing away with the army as a whole; build no more battleships and skip along as best we could, etc., etc. Please allow me to go on record through the Farmers Mail and Breeze that I, too, am opposed to the Hay amendment for the very good reason that I had a personal experience in the cavalry branch of the army during 1861-1865, and I know, as stated in your writings, without cavalry an army of foot soldiers is as helpless as a blind man in a fight.

Please let me give you a few instances wherein the cavalry did things during our late unpleasantness that it would have been utterly impossible for the infantry to have done.

In March, 1863, General Grant started B. H. Grierson with 1,700 cavalry on that memorable raid from La Grange, Tenn., during which he, Grierson, traversed the entire state of Mississippi, destroying the main lines of railroad leading to Vicksburg and arriving at Baton Rouge, La., with 500 prisoners, having lost but three killed and seven wounded of his own men.

Grant ordered this raid not more as a diversion in favor of his own contemplated movement to the south of Vicksburg, than as a test of the ability of an army to live off the country, and his theory that the interior of the Confederacy had been weakened by the gradual forcing of its strength to the exterior. Happily, or otherwise, my regiment and the Second Iowa cavalry and the Ninth Illinois cavalry were in this raid; later on, in November, 1864, General Hatch's small division of two brigades intercepted Confederate General Hood's army of 65,000 veterans at Florence, Ala., and fought him single handed and alone from there to Columbia, Tenn. Of course, we got licked every day in the week, and sometimes three times a day, but just the same we stuck to him and later had the fun of helping to whip the whey out of him at Franklin and again at Nashville, Tenn. Suffice it to say that I am not only in favor of keeping and maintaining all the cavalry regiments we now have, but increasing all branches of our army and building not less than two battleships, two armored cruisers and torpedo boats and submarines galore every year.

I am also in favor of Representative Lindbergh's proposition to reduce the lower house to a membership of at least 300, and use the money to build battleships.

If a bumper navy will keep us at peace with all the world, and I honestly believe it will, then why not the navy? Up to date the Civil war in pensions alone has cost this bully good government approximately 4 billion dollars, to say nothing about the pains and aches it cost, and 99 out of every hundred of the old veterans will agree with me that every dollar of it was more than earned 50 years ago.

Company C, Seventh Illinois Cavalry.
Windom, Kan.

Truthful James

"Speaking of dust storms," remarked Truthful, "I hev seen some bad ones in my time. Back in the early 70's I was out in the east edge of Colorado when there come up a blow. It blew right along for four days at the rate of 60 miles an hour. After the second day it was just the same day and night. The dust filled the air so that it was dark as midnight. The only way you could get along was to shovel your way through the air. You could reach up into the air and grab enough dust with one hand to make a mud ball when you mixed it with water. There was a sandy hill near my place and when the wind let up there was a hole in the ground where that hill had been. It was a hill some 200 feet high. The wind moved it four miles and set it down where there had been a hollow. That wind just naturally blowed the dust and grit right through the pores of the skin. As the dust was mostly sand, blowing into the system that way increased the weight of both man and beast. For instance, before the windstorm I weighed 160 pounds. The day after the storm I got weighed and found that my weight was 200 pounds. I had added 40 pounds of sand and was so full of grit that I was like a walkin' emery wheel. I could pull up my pant leg and sharpen my knife by whetting it on the skin of my leg."

"One of my neighbors had some steers ready to ship to market just when the storm came on. He had weighed 'em the day before and found that they weighed 1,200 pounds apiece. After the storm they weighed 1,300 apiece. He sold the lot for 6 cents a pound, live weight, and made \$6 a steer. In other words, he sold \$600 worth of sand. Afterward the meat market men made something of a roar about that beef. They claimed that it dulled their knives to cut it and their customers wore their teeth down to the gums chewing it. Yes, I would say that it was one of the worst storms I ever saw."



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JAYHAWKER-FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

We like to get the experiences, views and opinions of "our folks" on any farm or livestock subject particularly if sensible and likely to help some of us who may need the information. Your letters are always welcome. Subscriptions to Farmers Mail and Breeze or other good publications for best letters received. Address Editor Farmers Mail and Breeze, Topeka, Kan.

These notes are written Saturday, April 6, and at this writing we have promise that on next Monday work can begin in many fields. This is late for oats but not for flax and there is still plenty of time to get the ground ready for corn.

Because of the lateness of the season not so much ground will be plowed for corn as usual. Listing will be the plan many will use in getting their corn in. Dealers say that the spring machinery trade is for the most part confined to the riding lister.

A riding lister does much better work than a walking lister, just as a riding plow is better. But where the planting apparatus has no press wheels behind it to firm the soil over the seed we would rather plant after the lister with a planter. Should the spring be wet it is all right not to firm the soil over the seed but if it is dry it should be pressed down.

Part of this last week has been taken up in fixing the pasture fence. Our pasture lies along a creek and the fence follows many crooks and turns and goes in and out of hollows besides crossing the creek twice. This makes rebuilding the fence a long job compared with a pasture wherein there are just the four stretches as in a square field. Some posts have been put in every year but the fence has not had a good overhauling since 1902.

For lasting qualities there is no post to compare with the Osage, or hedge post. The great fault this timber has, is that it will not hold a staple in a small-sized post but will season crack and throw them out. For this reason it is always best to wire the top strand at least to the post and then you have it.

From what we can learn the pasture on this farm was first fenced about the year 1885. The posts used were of oak and now they are practically all gone. Since coming on the farm in 1896 we have used many posts which we cut along the creek, mostly out of locust and walnut trees. We find that it does not pay to use them. The locust lasts but a short time and the walnut not long unless quite large and composed of heart wood. Such timber is now too valuable to make posts of, anyway. The place for an eastern Kansas man to get posts is out of a hedge.

In the spring of 1897 we planted a bed to catalpa seeds and about 1898 set out a grove of the young trees. They were planted 6 feet apart each way which is too close. They have grown until at this writing they will make fine posts and the next time we need posts shall give them a trial, cutting out every other tree. If we were setting out new timber we should make the great bulk of it catalpa for they grow quickly on good soil and make good posts. We have little use for the cottonwood and consider them only an apology for a tree. They look like trees and that is all.

On our pasture there are all kinds and patterns of barbwire from the big No. 9 one strand wire with barbs to the present day galvanized 2-strand wire. In stretching it we found that the old wire which was put on almost 30 years ago is still strong and will stand as much handling and twisting as that strung only 10 years ago. The poorest wire is some painted barbwire we bought in 1897. This is now rotten and will not stand anything. The galvanized barbwire which we put on in 1901 is still sharp and strong and bids fair to last many years. We shall never buy any more painted wire.

To our way of thinking the Coffey County Fair managers are on the right track and we believe the people will uphold them in their new way of doing things. They have cut out the high-priced racing and will distribute this prize

money in the form of better premiums for farm products and for races between country horses. This, we think, is the right thing to do. No one cares—or few do—for the trotting races that cost so much money. There is more sport in watching a race between green country horses and the racing is more likely to be on the square. The hundred of dollars that go to the races at the usual county fair had better be spent in premiums for farm products or for races in which county horses may compete.

We have many times heard the question asked, why the county fair is now so often a failure. It is because it is no longer what it was once—an agricultural fair—but has come to be in most cases nothing but a horse trot. The racing is done by outside horses that the people care nothing about and the idea generally prevails that everything is "fixed" beforehand. The everlasting jockeying at the start tires people and they welcome gladly anything in the shape of a real race between green horses where they know fairness is the rule and where every horse will do his best. It is not fair, either, to spend hundreds of dollars on the speed ring and give small amounts for farm produce. If the county fair is to live it must be managed on the basis on which the Coffey County Fair is to be run this fall.

We have often heard the question debated, which pulls more, the horse ahead or the horse behind, where a team does not pull evenly on the doubletree. Some take one side and some the other. Most persons say the horse behind pulls more and this may be so in theory but in actual practice we think the horse ahead does more than his share of the work. We know of nothing more aggravating than to have to use a team in which one horse is about half a length ahead of the other most of the time. On a planter especially, it is hard to do decent work with this kind of a team.

When a town farm writer can't think of anything else to write about he scratches his head and tackles seed corn. It has now become the fashion each year for most of the farm papers to raise a howl that the seed corn is not good, as if a man who has handled corn all his life did not know good seed when he saw it. It is the fashion for many papers to portray the farmer as an ignorant being who wouldn't know good corn when he saw it if it wasn't described in that particular paper. The average farmer knows good seed and knows when he has it without all this outcry. We know you are all heartily sick of the words "seed corn" but we can promise you that this will be our only contribution to the discussion. We are as sick of it as you are and are entirely willing to trust you to pick out your own seed.

Along about 1775 our forefathers went to war with Great Britain, because Britain claimed the right to tax us with no say so in regard to how the money should be spent. Is there a man in the world today who will say that the colonists were not right? But how about us Kansans here in the Twentieth century? Do we know as well as those old Jeffersonians did when we are being imposed upon? To the writer it hardly seems we do. For instance, many of the counties in Kansas contribute to the high school fund in the different towns and some contribute much more in proportion than Great Britain called upon the colonists to contribute 135 years ago. But do we have anything to say as to how this money shall be expended? A straight tax is levied on us and turned over to the town school board under the so-called Barnes law and we who pay have not a word to say as to how it shall be spent. It can be spent for teachers or it can all be used for school equipment and we have nothing to say. Don't you think the Barnes law is taxation without representation? If so, what are you going to do about it?

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Honors For Master Farmers

Second Year's Program of the Top-Notch Farmers' Club of Farmers Mail and Breeze

Why shouldn't a first-class farmer have his mastership acknowledged in a diploma? It ought to be a wholesome policy to point out and dignify the good farmers of a state and make their methods known. This is the purpose of the Top-notch Farmers' Club of Farmers Mail and Breeze, now beginning its second year.

Six silver cups are to be awarded this year by the Top-notch Farmers' Club of Farmers Mail and Breeze to the farmers of Kansas who make the best yields above a certain standard with corn, wheat, or alfalfa, in eastern Kansas; and with wheat, Kafir or milo, or alfalfa in western Kansas.

Last year, the first year of the club's existence, a single cup was offered. It was awarded to Carl Schlotthauer, a



Silver cup (height 11 inches), one of the six trophies to be awarded this year to the six Kansas farmers who make the best records in the top-notch class either with corn, wheat, Kafir, milo, or alfalfa in the second annual contest of the Top-Notch Farmers' Club of Farmers Mail and Breeze.

young farmer and renter in Marion county who won the trophy with an average yield per acre of 59 bushels, 12 pounds of wheat on a little more than 100 measured acres—a splendid record and a remarkable achievement for such a year. Only a first-class farmer could have done it. Other distinctive records were made and the methods followed by these master farmers were published with carefully authenticated reports of their achievements.

I have been much pleased with the reception the practical farmers of the state have given this plan of mine, during the first year's existence of the Top-notch Farmers' Club, and I hope this year to increase public interest in the club's purposes by increasing the number of trophies to six and dividing them equally between first-class farmers in eastern and western Kansas.

How Awards Will be Made

At the close of the present crop year, on behalf of Farmers Mail and Breeze and its readers, I shall present a silver cup, with his achievement, his name and the year engraven upon it, to the farmer in eastern Kansas who gets the largest yield of corn from one or more acres, equaling, or in excess of, 100 bushels per acre.

Also a silver cup will be awarded to the eastern Kansas farmer who gets the largest yield of wheat, equaling, or in excess of, 50 bushels per acre on one or more acres.

Another cup will be awarded to the eastern Kansas farmer who harvests the largest yield of alfalfa hay from one or more acres, a yield equaling or exceeding 8 tons per acre.

In the same way three silver cups will be awarded to first-class farmers in western Kansas.

One cup for best yield of wheat, equaling or exceeding 50 bushels per acre (irrigated) or 40 or more bushels per acre without irrigation.

One cup for the best yield of Kafir or milo on an acre, equaling or exceeding 40 bushels.

One cup for best yield of alfalfa hay from an acre, equaling or exceeding 6 tons.

Membership is For Life

The club's chief purpose is to bring about a public recognition of the farmers in Kansas who are entitled to rank as top-notch farmers and to make their methods known.

Membership in the club is for life. There is no initiation fee and no dues. To become a member, a farmer must have produced, within any current year, a maximum yield of one of the standard crops on a measured acre. The man who can grow on one or more acres any one of the following yields will be rated in the top-notch class and is entitled to a diploma in which his achievement will be recorded. This diploma is his title to a life membership in the Top-notch Farmers' Club:

EASTERN KANSAS.

Corn per acre.....	100 bu.
Oats per acre.....	80 bu.
Wheat per acre.....	50 bu.
Potatoes per acre.....	500 bu.
Alfalfa hay per acre.....	8 tons
WESTERN KANSAS.	
Kafir or milo per acre.....	40 bu.
Wheat per acre (irrigated).....	50 bu.
Wheat per acre (not irrigated).....	40 bu.
Barley per acre.....	30 bu.
Alfalfa hay per acre.....	6 tons
Alfalfa seed per acre.....	8 bu.
Broomcorn per acre.....	500 lbs.

Why Not Master Farmers?

In every case when a farmer gets as large a yield of any one of these crops on one or more measured acres and the fact has been investigated and attested by two neighbors on a blank furnished by Farmers Mail and Breeze, a diploma setting forth the facts is issued to him and made a matter of record. Professional men have their merits attested in a diploma, and are proud to display this mark of distinction in a frame in their offices. Why shouldn't a first-class farmer have his mastership acknowledged in a diploma? It ought to be a wholesome policy to point out and dignify the good farmers of a state. This is what the Top-notch Farmers' Club has set out to do.

This year I hope to see the first records filed after oat harvest.

It seems to me these distinctions should be worth something to the farmer or farmers who take a just pride in excelling in their work, and I have great hopes of making this a top-notch year for the Top-notch Farmers' Club.

Arthur Capper

A Panic Proof Farmers' Bank

BY MORTIMER WHITEHEAD.

Mr. Editor—For 29 years the Patrons Co-operative Bank of Olathe, Kan., has been running with entire success. Every stockholder is a Granger, and none but members of the order can hold stock. Olathe is surrounded by 18 subordinate Granges. The stock is \$50,000, with accumulated surplus of \$50,000 more. The stock sells at a premium of 300 per cent. Each stockholder has one vote regardless of the amount of stock he holds. Ninety per cent of the patrons of the surrounding country patronize the bank, and 70 per cent of the bank's business is with farmers. No panic or financial disturbance has ever bothered it in the least.

OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until August 1, 1912, for 10 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 10 of these trial orders and the \$1.00 collected we will extend your time 1 year.

Feed LEWIS' Lye to Your Hogs

Feed Lewis' Lye—not just lye—but *Lewis' Lye*, because *Lewis' Lye* is best for the hogs. Now when we say it is best we are not simply making a claim. We are stating a fact which *thousands of hog-raisers know and say is true*. You ask *why it is best?* Well this is why. Because it is the *purest and strongest and most uniform lye* made in the world. If anyone questioned this statement we would *prove it*. This greater strength, greater purity and greater uniformity makes it the *safest, surest preventive of hog cholera and worms*.

Use a little Lewis' Lye in your hog feed regularly, and keep cholera and other diseases away from your drove. Keep your hogs fat and healthy. Lewis' Lye will do it. *It does do it*. Has been doing it for nearly half a century.

The Value of Lye in Hog Feed

rests entirely in the potash (or lye) contents. Every farmer knows and has always known that wood ashes are good for his hogs. It used to be that nearly every farmer fed wood ashes to his hogs, but the progressive and intelligent farmer today *knows* that pure lye is the one product which gives him the element found in wood ashes and *needed by the hogs* and he knows that it is more convenient to use and more beneficial to the hogs.

Now then, the only possible difference between one kind of lye and another is the difference in their strength, purity and uniformity.

Through all our years of experience in the manufacture of lye and with all the resources we have had to work with, it is only *natural* that we should have developed the best manufacturing processes; it is only *natural* that we should have learned how to make the *strongest, purest and most uniform lye in the world* and we have learned how and we are making the strongest and purest and most uniform lye in the world and that is the only reason we can come to you and say that Lewis' Lye is the best lye to use on the farm, whether for feeding hogs, making soap or for any other purpose.

Lewis' Lye is NOT specially prepared for hogs, nor specially prepared for soap making nor for any other one of its several uses, and let us here clearly, definitely and finally wipe out any impression which may have been created in your mind by the statements of some packers of advertised lye to the effect that they prepare by "secret processes" a "special" lye for use in feeding hogs.

There is no special lye for hogs.

If there were any reason for making a special lye for hogs or if there were any way of making a special lye for hogs, the Pennsylvania Salt Manufacturing Company would have marketed such a product long years ago. We could have prepared a special label for hogs but the contents of the can would have been just simply Lewis' Lye—and that's all you want for your hogs.



The Quaker is on Every Can

You want the best lye your money can buy. That means that you want the strongest and purest and most uniform lye, the lye that's always the same, whose high quality never varies, the lye whose *makers* back it themselves, put their name on the package and stand back of it as a guarantee of its superiority, and *there is just one lye that answers to that description*. It's Lewis' Lye, standard for half a century.

Read the instructions for feeding Lewis' Lye to hogs—one quarter can to every barrel of feed. Now read the instructions on the "Specially prepared secret process" lye for hogs—"One-half can to a barrel of feed."

Figure it out and decide which lye you want to use.

Lewis' Lye is backed by the responsibility of the manufacturer, in whom you can put every ounce of faith. No premiums, no schemes. Just the best lye in the world. Order it from your grocer. The Quaker is on every can.

PENNSYLVANIA SALT MANUFACTURING COMPANY
Manufacturing Chemists
PHILADELPHIA, PENN'A

The Farmer and His Critics

Arthur Capper's Talk to College Students

It has long been the fashion for all the rest of the world to tell farmers what they should do; railroad presidents seem to know exactly how they should run their farms; whenever the bankers meet they adopt resolutions instructing the farmers about farming; nearly every newspaper editor since Horace Greeley's time has known all about agriculture; the packers, produce dealers, commission men, all lay down rules for the farmers' guidance.

This was the text of a 40-minute talk to the students of the Kansas Agricultural college, delivered Thursday of last week, by Arthur Capper, publisher of Farmers Mail and Breeze and president of the board of regents of the college. Mr. Capper spoke on "Farmers' Rights." In the beginning he acknowledged frankly his debt of gratitude to the farmers of the country upon whom he said he was dependent absolutely. So that he had a personal interest and a selfish interest in the farmer's prosperity. No man, he declared, could be more concerned in that prosperity.

Mr. Capper rested his case upon these propositions: The farmer is not perfect—none of us is. The farmer makes mistakes—all of us do. The farmer has much to learn—who of us has not?

Time to Get at Causes.

Has not the time come, the speaker inquired, when men should cease talking so much about the farmers' shortcomings and begin to correct a few of the fundamental conditions which make those shortcomings unavoidable and inevitable? Too many men, he said, talk at the farmer instead of working with him. Farmers, Mr. Capper said, should welcome the discoveries of scientists and adapt them to their own uses and to conditions prevailing on their farms. But they should also give close attention to their economic and political rights. Political rights, Mr. Capper said, he did not use in the sense of partisan politics. It will not profit the farmer to increase his yield from 40 to 60 bushels if he gets no more for the 60 than he did for the 40. He must give closer attention to business and business principles; to citizenship; he must give more attention to the choosing of men as representatives in the state and national legislatures. They must see to it that these men do not represent some special interest.

COFFEE HURTS One in Three.

It is difficult to make people believe that coffee is a poison to at least one person out of every three, but people are slowly finding it out, although thousands of them suffer terribly before they discover the fact.

A New York hotel man says: "Each time after drinking coffee I became restless, nervous and excited, so that I was unable to sit five minutes in one place, was also inclined to vomit and suffered from loss of sleep, which got worse and worse."

"A lady said that perhaps coffee was the cause of my trouble, and suggested that I try Postum. I laughed at the thought that coffee hurt me, but she insisted so hard that I finally had some Postum made. I have been using it in place of coffee ever since, for I noticed that all my former nervousness and irritation disappeared. I began to sleep perfectly, and the Postum tasted as good or better than the old coffee, so what was the use of sticking to a beverage that was injuring me?"

"One day on an excursion up the country I remarked to a young lady friend on her greatly improved appearance. She explained that some time before she had quit using coffee and taken Postum. She had gained a number of pounds and her former palpitation of the heart, humming in the ears, trembling of the hands and legs and other disagreeable feelings had disappeared. She recommended me to quit coffee and take Postum and was very much surprised to find that I had already made the change."

"She said her brother had also received great benefits from leaving off coffee and taking on Postum." "There's a reason." Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

Capper gave attention to useless and foolish laws now in the statutes, and inquired if it would not be well to try a few more farmers and a few business men in the legislature, and not so large a percentage of lawyers. "I am one who believes," he said, "that the laws of our country should make such transactions as the Chicago and Alton deal by the highwaymen of Wall street, a few years ago, as criminal as burglary. I have more respect for the bandit that holds up a railroad train and robs the passengers than for the men who exploit a public service corporation as the Alton was exploited. It requires courage to rob a train, but it requires no courage to do what these men have done. The financial pirates who prey on the people and violate the laws should be made to serve terms in prison; the bank president who robs his depositors must not be paroled but must pay the same penalty and just as promptly as the poor man whose wants may have compelled him to steal."

The Woman on the Farm.

Mr. Capper declared that the woman on the farm is the most important farmer there because she not only does the work but makes the home. "I am ashamed," Mr. Capper said, "that our great state has not given this farmer her rights. But that is a mistake we probably shall rectify at the coming November election when the amendment for equal suffrage is submitted to the voters."

We Need Home Grown Milo Seed

A CHANCE FOR SOMEBODY.

Mr. Leidigh points out there is a fine seed-growing opportunity in milo for western Kansas farmers and recommends they double their acreage of milo this year. There is a large demand for homegrown acclimated seed and such seed properly selected is worth \$2 a bushel.—Editor.

Mr. Editor—Dwarf milo is almost equal to corn in feeding value. It is more drought-resistant. On the high dry plains it out-yields corn. You can still buy giant milo seed, but the Dwarf type is what is being grown.

The milo area in Kansas is about 20 times as great now as it was 10 years ago. The crop has been ravaged by chinch bugs, condemned because of its relative poor forage production and kept back by a lack of homegrown northern seed, but as a grain, it is the one hope of the dry land farmer in extreme western Kansas.

Milo has not been very well received in northwestern Kansas and the new crop has not been tried much. The Dwarf milo seed which has been distributed throughout northwestern Kansas is mostly Texas grown seed that sometimes gives irregular and weak plants which are hard to harvest and make a light yield. Southern seed corn would be just as unsuccessful. We must produce our own seed before we can hope to succeed with this summer grain crop.


A Seed Growing Opportunity.

My advice to men in that part of Kansas is that they double their milo area this year. Several farmers got excellent results last year where there was enough rain to get the crop started. Dwarf milo is a 90 to 100-day crop and, being a sorghum, it should not be planted early. It does best when seeded late in May or early in June. Save seed carefully by hand from dwarf, erect headed plants. Medium sized heads from a good stand are probably superior to big heads from stalks growing where there is a poor stand. Keep in mind the fact that grain rather than roughness is desired. Keep your seed in the head until spring. Plant a seed plot with separate heads in separate rows. Good seed grown in that manner is worth at least \$2 per bushel. That part of the state must produce its own seed and several good opportunities are open for farmers to grab up this trade.


Cross pollination with poor types must be prevented as much as possible. Milo for seed must be grown some rods distant from other sorghums. Mixtures must be removed from the field before blooming.

A. H. Leidigh.
Kansas Agricultural College, Manhattan, Kan.

For Damp Climate For Medium Climate



When Buying Paint Consider Climate



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Explanation of Map

Symbol	Formula	Humidity	Climate
Triangle	No. 1	80 and over	Damp
Square	No. 2	65 to 75	Medium
Circle	No. 3	50 to 60	Dry
Cross	No. 4	Under 50	Very Dry

WHEN you paint, use Lincoln Climatic Paint with the symbol on the can for the climate you live in. Be sure of this. It will save you much money, trouble and worry. For

Lincoln Climatic Paint

(Completely Machine Mixed and Ground)

is the only paint made on four separate formulas—to fit the four climates or degrees of dampness as indicated on the map above.

Other paints are made the same for all parts of the country—the same formula being used for damp and dry sections alike. That's why a brand of paint that's recommended by some users will work all right in one section but go all to pieces in another.

Dealers were quick to see that Lincoln Climatic Paint especially adapted or "pre-acclimated" to use in their particular section was the only logical paint to handle. Their customers are spreading the glad news broadcast and the demand for Lincoln Climatic Paint is growing by leaps and bounds.

Before ordering paint, refer to map above. Note the symbol which designates your locality. The formulas are numbered so there can be no mistake. Lincoln Climatic Paint of the formula prepared for your locality will endure—only years of wear will remove it.

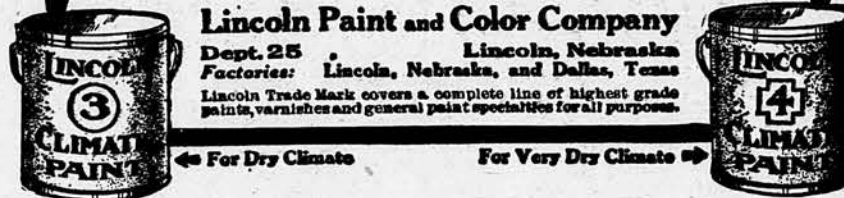
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telling about the discovery of Lincoln Climatic Paint will be sent to you on postal request. Write today, and we also give you the name of dealer nearest you who has a copy of the first climatic map of the U.S. ever published. Send postal NOW.

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This offer is made merely to close out the stock we now have on hand, and we cannot supply these cards at any price when our present stock is exhausted.

Send in your order at once for as many cards as you want—one set for 6c or three sets for 15c, postpaid. If our stock is all gone when your order is received we will refund your money. Address

CAPPER POST CARD CO.,
Department KV-10, TOPEKA, KANSAS.

What Makes Good Hog Fence

A DISCUSSION

Mr. Editor—The foundation of a fence is the corner post. Put in two posts at the corner not less than 4 feet deep. Nail cross pieces at the bottom and tamp the earth about them firmly. Put in the brace posts the same depth and not more than 7 feet from the corner posts. Use hedge posts and they will last forever. I have a 58-inch woven wire fence built four years ago and it is as tight as the day I finished it.

Ottawa, Kan. C. E. Embry.

Set Corner Post in Cement.

Mr. Editor—For a woven wire hog lot I would use the 28-inch wire with a 6-inch mesh and would use hedge posts if possible, otherwise oak posts would do. Set the corner posts in a hole 3 feet deep and 2 feet square filled with cement, the post in the center. Let this harden a week or 10 days before fastening the fence to it. The correct distance between posts for a good strong fence is about 14 feet and set the posts 3 feet deep. Stretch the wire tight and nail it as close to the ground as possible, using no barb wire at all.

Clifton, Kan. Charles Carlson.

A Corner That Stays Put.

Mr. Editor—I use woven wire fence, 32 inches high with a 6-inch mesh. At the corners use three heavy posts, one for the corner and the other two brace posts 10 feet from the corner each way. Use heavy braces, notching the posts, and then cross these braces with brace wire twisting it up perfectly tight. Set the line posts a rod apart. Use a stretcher and put the wire close to the ground and you can use a barb wire on top to protect the fence from other stock.

Ludell, Kan. E. S. Freeman.

A Satisfactory Way of Bracing.

Mr. Editor—Use corner posts of good size and set them at least 3 feet into the ground. Saw a notch in the corner post near the top and against this place the brace with the other end on a rock imbedded in the ground. Then put a heavy wire about the bottom of the brace where it rests on the ground and run it around the bottom of the post and twist up as tight as it will stand. I have built a good deal of fence on this plan and the corner posts are as straight as on the day they were set.

Norcatur, Kan. F. A. Miller.

This Fence Will Turn All the Stock.

Mr. Editor—For hog fence I use the 20-inch woven wire with three barb wires on top putting the posts in 16 feet apart. This will turn all kinds of stock. The stays in my fence are endless wire which does not double over as some other makes of fencing. I have had hogs weighing 200 pounds run into

it full force and not even stretch it. The diamond mesh acts as a brace. Other woven wire fencing works better over hilly ground.

I. M. B.

Peabody, Kan.

No Danger to Stock This Way.

Mr. Editor—The life of any fence depends on the corners. I use corner posts 14 to 18 inches in diameter, set them well into the ground and brace from the middle to the first post 8 feet away. Place a rock below the outer end of the brace to keep it from sinking into the ground and rotting. I set posts a rod apart and use woven wire of a good make not less than 43 inches high. Stretch and staple well and put two barb wires on top, then you will have a fence that will turn any farm animal. Years ago I put up such a fence on this farm and the first animal has still to break through it. I would be lost without it. Colts at weaning time will not be cut, calves cannot put their heads through and suck the cows on the other side. I have often put sows on one side and their pigs on the other without them giving any trouble. I think a barbwire at the bottom would be a nuisance.

J. W. Werner.

Ft. Cobb, Okla.

Dry-Farming Ways With Milo

BY S. W. BLACK,
Superintendent, Oklahoma Panhandle
Institute.

[Written for Farmers Mail and Breeze.]

As thorough preparation of ground should be made for milo as for corn, broomcorn or any other spring crop. If the ground was devoted to an intertilled crop the year before it should be double disked as soon as possible to conserve the moisture. If the ground is dry it may be better to throw it up into listed ridges, not too high. It is the opinion of many successful farmers that deep fall plowing is to be preferred to spring plowing. Whatever method is pursued the harrow should be used often enough before planting to kill all weeds and form a soil mulch for the conservation of the moisture. Harrowing should be done after hard rains and should leave the ground covered with small clods from the size of a hickory nut to a good sized hen's egg.

Planting Milo For Forage.

If for forage, milo may be planted thicker than when raised as a grain crop. In either case it may be planted in rows from 36 to 48 inches apart, and from 3 to 10 inches apart in the row. At the Dalhart and Amarillo stations, the largest grain yields have resulted from planting in rows 3½ feet apart and 6 to 8 inches in a row. Four or 5 pounds of good seed will plant an acre at the above rate of

The cultivation of milo should be much like that of corn. No man should plant a larger crop than he can care for properly. Milo is a tender plant, of slow growth at first. The harrow or weeder may be used with success for the purpose of killing weeds and encouraging the liberation of plant food. After each rain that packs the surface the harrow or weeder should be run for purpose of breaking up the crust. In ordinary seasons, the crop may be harrowed two or three times before it is large enough to plow. The first two times the cultivator is used deep cultivation may be resorted to, but as soon as the roots begin to spread shallow plowing should be the rule. Perhaps from 2½ to 4 inches deep will be best.

Goodwell, Okla.

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August 1, 1912, for Only 10 Cents.

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 10 cents in stamps and get the big farm paper every week from the time your order reaches us until August 1, next. Regular price \$1.00 per year. Tell your friends about this special subscription offer. If you send in a list of four, with a remittance of 40 cents, we will give you your own subscription for your trouble. Send at once and get the full benefit of this special low offer.

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Friendly Warning To Silo Buyers

Facts You Should Know About the Harder Patent Before You Invest in a Silo

In response to the hundreds of inquiries received regarding the Harder Patent, and to remove all doubt and avoid misunderstanding, we make this announcement to give you the plain facts so you can settle the silo problem in a safe legitimate manner and not innocently invest your money in a silo that infringes this patent and makes you liable.

The United States Courts

Namely, the United States Circuit Court of Appeals, which is the Court of last resort in Patent Cases in the case of Ryders vs. Schlichter; The United States Circuit Court, Southern District of New York in the case of Ryders vs. Townsend, a user of an Economy Silo; The United States District Court for the Eastern District of Wisconsin, United States Silo Company vs. Beaver Silo and Box Manufacturing Company—have held the Harder patent good and valid and enjoined the manufacture of the infringing silos in these suits, thereby establishing our right to the Harder patent, as well as the right to stop by injunction all infringement, by prosecuting the manufacturers as well as the users of infringing silos.

What The Harder Patent Is

To clearly explain this, we herewith quote from the original Harder patent, the claim on which the United States Government granted the patent and which the Courts have upheld in every case which has been brought under this patent.

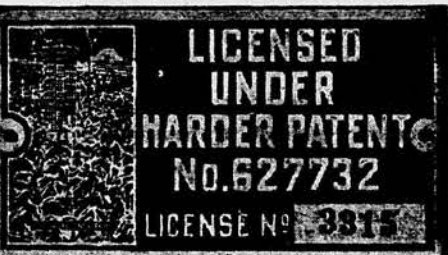
The Harder patent covers:
4. A silo or tank having a continuous opening from top to bottom, braces between the edges of the walls forming the opening, door-sections for closing the opening and reinforcing strips for the door sections substantially as described.

The Patent Law Says

That not only the manufacturers of patented articles are liable—but the innocent purchaser as well, and as we shall have to protect our property against infringers, we must prosecute all manufacturers who infringe, and if they are not financially responsible we must exercise the right the law gives us to obtain satisfaction from the

owners or users of the infringing silos, as we are giving all silo purchasers fair notice by fully explaining the situation to them.

This Harder License Plate Is For Your Protection



We have licensed under the Harder patent only the best and most reliable silo manufacturers in the country and for the protection of the Harder patent and these manufacturers, as well as to protect silo purchasers, we have supplied all such manufacturers with license plates like that shown herewith. All licensed manufacturers give a license plate to purchasers of their silos, thereby insuring the purchaser absolute safety against any possible infringement proceedings.

Who The Licensed Manufacturers Are

Lack of space prevents us from giving the names of all licensed manufacturers, but in order that you may get this information if you desire it, together with all facts about the Harder patent, including Court decisions, etc., we have published a special Patent Bulletin which gives all the facts, and this bulletin you can get free of charge by addressing

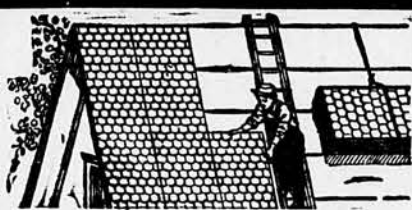
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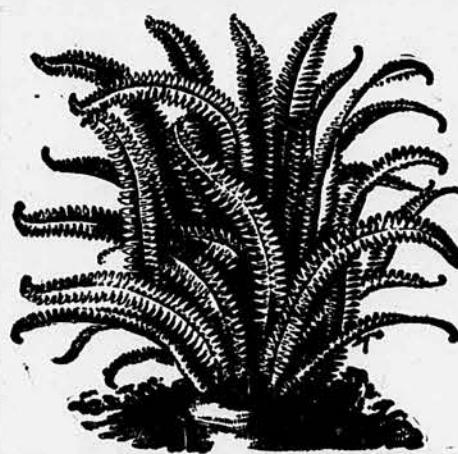
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FARMERS MAIL AND BREEZE, TOPEKA, KANSAS.

New Facts in Dry-Farming

(Continued from Page 3)

the sorghum crops will follow the wheat. Then again will come the year of fallow in which the land will receive tillage favorable to storing moisture, destroying weeds, and finally putting the soil into good seedbed condition for fall wheat again. This plan also will include methods of increasing the soil fertility.

There is little question regarding the value and even the necessity of the summer fallow in the drier areas of the West, yet there are serious objections to the continued practice of bare summer fallow.

First, there is the tendency for the soil to waste by drifting in strong winds and washing away in heavy rains.

Second, summer fallowing with frequent cultivation hastens nitrification and decay, thus more rapidly exhausting the organic matter in the soil.

It is possible for the soil to become more rapidly exhausted in fertility by

as green manure, such crops as Sand vetch, Sweet clover, or winter rye, which may be seeded in the fall, or field peas or small grain, which may be sown in the spring.

By carrying out this plan regularly the soil will accumulate moisture and increase in fertility and two thirds of the farm will grow a crop each year under conditions which can hardly fail to give a profitable return. By practicing clean culture the year of the fallow the land will be cleared of weeds, and the farmer following this system will be able to keep on hand the desired amount of livestock and have the same number of breeding animals year after year, thus making his business more permanent and sure.

This method of green manuring and the rotation of crops will largely prevent soil drifting, a very serious problem in western agriculture. Our experience at the western Kansas station

causing it to lodge and thus protected the field beyond the straw barrier.

Soil-drifting in adjoining fields may be prevented for a time by early winter or spring listing, or disking of the fall-plowed fields and the corn or Kafir stubble fields, which are almost sure to drift in a violent wind, when the soil is very dry at the surface. When the looser portion dries out, then the soil can only be held by deeper cultivation such as listing or plowing. For putting the surface in the best condition to resist wind force for a long time, the writer prefers to break the ground with the lister, forming deeper furrows and higher ridges than may be prepared with the disc or cultivator. Such cultivation may be given in the fall instead of fall plowing, or fall plowed lands may be listed in the fall or winter.

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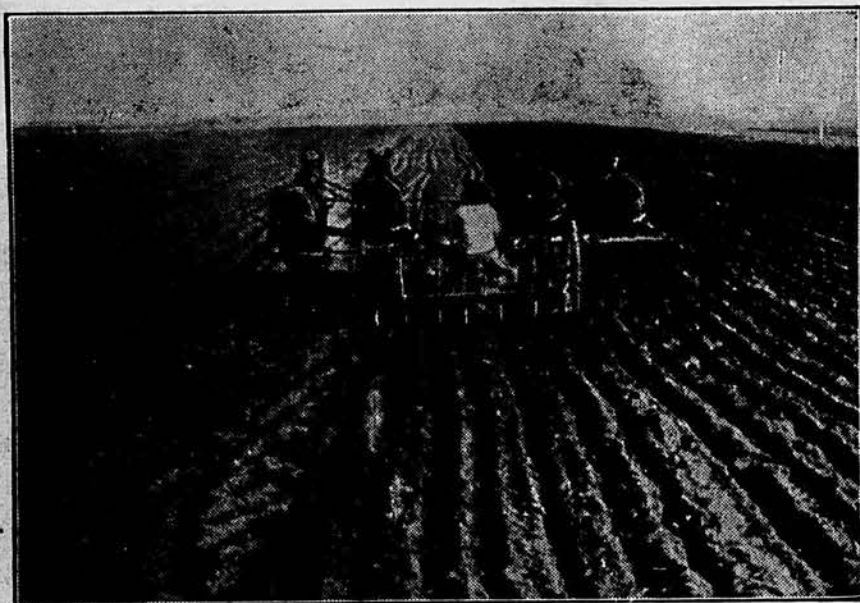
If you have not secured one of these great rose collections on this remarkably liberal offer we suggest that you send your dollar today. Address Mail and Breeze, Rose Dept., 802 Jackson St., Topeka, Kan.

The Picture on the Cover

A fine picture of a fall-listed field in prime condition to store moisture when it comes, is presented on this week's cover page. It is a view of a listed field at the western Kansas branch station at Hays, taken November 19, 1911. This field was in wheat in 1911 and was plowed late in August to prevent weeds from seeding. Later, after a rain, it was harrowed. Soon the smooth surface began to drift in the heavy winds, common to that part of Kansas, and in November, the field was listed about 7 inches deep. Prof. TenEyck reports there was no sign of soil drifting after the listing, and during the winter the furrows caught the snow, much of which would have been blown off a smooth field.

This field will be planted to Kafir this spring. More than 600 acres on the Station Farm were listed this way last fall, all of the land which will be planted to corn and Kafir and part of that which will be summer fallowed in 1912.

Any other plan than the total abolition of prostitution has been and always will be a failure!—Dr. Crumbine.



—Photo by S. C. Orr.

MAKING SHALLOW FURROWS WITH THE CORN CULTIVATOR.

Another method of preventing soil drifting and storing soil moisture practiced at the Hays Branch Experiment station last fall. This ground was summer-tilled and fallowed in 1911 and will be seeded to alfalfa in the spring of 1912. It was not desirable to loosen this soil too deeply, as with the lister, hence the method of using the cultivator, which made furrows about 3 inches deep. The middle shovel of each gang on a 12 shovel two-row corn cultivator was removed, thus leaving shallow ridges and furrows.

alternate bare summer fallowing and cropping than by continuous cropping. At least the bare summer fallow does not add any fertility to the soil. In order to maintain the productivity of our western lands it will become necessary to add fertility to the soil preferably during the year of fallowing.

I believe the practice we have begun at Hays of green manuring and partial summer fallowing is superior to bare summer fallowing and largely overcomes the objections to summer fallowing. This is accomplished during the summer-fallow year by spreading all the manure made by livestock and by plowing under late in May or early in June,

at Hays, has demonstrated that large areas in wheat may be protected and largely prevented from being injured by the drifting of soil within the field itself, by the spreading of straw or coarse manure and packing the straw into the soil with the subsurface packer. This was the most effective means employed for protecting the fields from injury by winds, last spring, 1911. The subsurface packing, alone, helped to prevent the starting of the drifting soil within the field, yet was not very effective in preventing the soil from adjacent fields from sweeping over the wheat field. But the straw-covered area actually stopped the drifting soil,



—Photo by S. C. Orr.

DOESN'T THIS LOOK NICE—100 ACRES READY FOR SEEDING.

A hundred acres of land in one field at the Hays Branch Experiment station prepared for seeding alfalfa. This field was plowed deep in June, 1911, and given clean cultivation during the season. December 1-6 it was cultivated into shallow furrows with the corn cultivators. There was no soil drifting after the furrowing was completed. One cross harrowing, riding the harrow, leveled these ridges and filled the furrows this spring, and the whole field is now (April 10) seeded to alfalfa.

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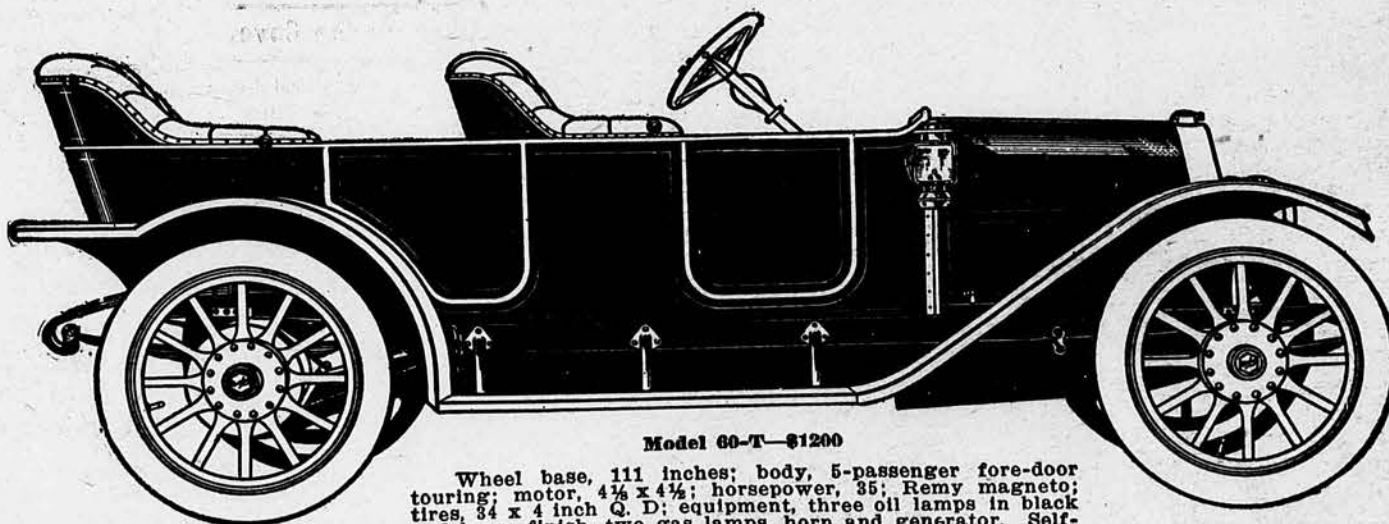
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Moisture For Growing Crops

Soil Culture Methods Which Will Insure It

An unusual winter has filled the soil with moisture, but less than 30 days of warm dry weather would make rain imperative for growing crops. The correct thing now is to prevent the evaporation of this moisture reserve. In this article written for Farmers Mail and Breeze by Prof. TenEyck he elucidates the whole problem and makes plain the methods to be employed at any stage.—Editor's Note.

BY A. M. TENEYCK, SUPT., HAYS BRANCH STATION OF KANSAS COLLEGE.

So far as cultivation is concerned there are three principal steps in the conservation of soil moisture:

First, the soil must be loosened to a considerable depth in order to prepare a reservoir to receive the rain and carry the water downward into the soil. This may be accomplished by deep plowing, by listing, or by disking unplowed lands.

Second, the water which is carried down into the subsoil must be brought back again into the surface soil where the seed is germinating and the young roots are growing, and to accomplish this a good connection must be made between the furrow-slice and the subsoil, and this is the purpose in the use of the subsurface packer immediately after plowing.

Third, finally, in order that the water which is drawn up again towards the surface may not reach the air and be wasted by evaporation the upper 2 or 3 inches of the soil must be kept mellow in the form of a soil mulch, and this is accomplished in the growing of crops,

plowing should be shallow when it precedes planting only a short time. Plow deep in the fall, and plow deep for summer fallow.

A long interval between plowing and seeding allows the soil to settle sufficiently, while freezing and thawing mellow the raw, hard subsoil which has been brought to the surface. The relative depth of plowing may be stated as follows:

Shallow plowing 3 to 4 inches
Medium plowing 4 to 6 inches
Deep plowing 7 to 8 inches

The soil may be stirred 12 to 18 inches deep with a deep tillage plow or subsoil plow, and in heavy soil with hard compact subsoil, such deep stirring may occasionally be desirable.

The Ideal Seedbed.

To secure the ideal condition for seed germination and plant growth, a seedbed for planting small seeds should not be too deep and loose. The soil should be mellow and well pulverized but below



—Photo by S. C. Orr.

IT TAKES POWER TO PLOW FOURTEEN INCHES DEEP.

Deep-tilling plows at work on the Hays Branch Experiment station, stirring the soil 14 inches deep. The width of the furrow is 10 to 12 inches and one such outfit will deep-till about 1½ acres in a day of 10 hours. The picture shows two of these deep-tilling plows at work. Sixty acres in one field was plowed in this way last fall (1911). Ten acres will be planted with corn this spring as an experiment and 50 acres will be summer fallowed, receiving the necessary cultivation to destroy weeds and conserve soil moisture. These 50 acres will be seeded to wheat in the fall.

by frequent cultivation, which is not so practicable with wheat, and other small grains, as with corn and other intertilled crops.

Getting the Water in the Soil.

Moisture should be stored at all times during the season, but especially during the interval between harvest and planting. This requires early plowing so that the soil may be in condition to catch the rain and absorb it. That there may be room to receive and store a heavy rain, deep plowing is desirable. If the plowing cannot be done early, the cultivation of the unplowed land with a disc harrow will keep the soil in good plowing condition longer and favors the absorption of rain.

Deep plowing however should be done with purpose and intelligence. If rains do not come in time such land will suffer from drouth more quickly than if it had been plowed shallow. The loose soil dries out and capillarity is broken, preventing the furrow-slice from receiving moisture from the subsoil rapidly enough to sustain the growing crop.

When Not to Plow Deeply.

A light or sandy soil requires less depth of plowing and less frequent plowing than a heavy, or compact, clayey, or "gumbo" soil. As a general proposition,

the depth at which the seed is planted, it should be firm and well settled, making a good connection with the subsoil, so that the water stored therein may be drawn up into the surface soil and supply moisture to the seed. The mellow soil above the seed conserves the soil moisture, acting as a mulch to keep the water from reaching the surface, where it would be rapidly lost by evaporation. The same condition favors the upward growth of the young shoots into the air and sunshine.

The loose, deep seedbed is almost wholly dependent upon rains for sufficient moisture to germinate the seed and start the young plants. In such a seedbed the crop is more apt to "burn out" in summer, or "freeze out" in winter, than a crop grown in the "ideal" seedbed described above.

Firming the Seedbed.

The use of the packer is most essential on late spring plowing, when the purpose is to plant at once after plowing. It is not necessary to use the subsurface packer on fall plowing which is not intended to be planted until the following spring, but for sowing fall wheat, if the plowing precedes the sowing by a very short interval, the subsurface packer may be used very advantageously. The light-



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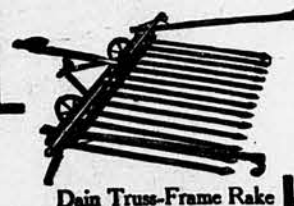
The large compression springs return the stacker-head from the dumping to receiving position; that takes up the rebound; prevents jerking, steadies the stacker. Another thing—instead of rolling off the stacker-head, the hay is given a pitched effect by these springs, and falls in a flat mass that's easy to handle.

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er the soil, and the greater its tendency to remain loose, the more necessary becomes the use of the subsurface packer or similar implement, in order to prepare a proper seedbed.

In plowing under trash or manure, sub-surfacing packing, by pulverizing the bottom of the furrow-slice, sifts the soil through the coarse trash and causes a better union with the subsoil below, so that the capillary water may be drawn up into the surface soil. If a heavy coat of stubble or manure plowed under in this way is left without packing or pulverizing, the furrow-slice is apt to dry out and the crop that is planted on the land may be injured by a short interval of dry weather.

The Harrow as a Soil Packer.

By setting the discs rather straight and weighting the harrow, a disc harrow may be used as a substitute for the subsurface packer, resulting in a pulverizing and firming effect at the bottom of the furrow-slice. Very often, however, early plowing, with the proper use of the common harrow, may largely accomplish the results required. It is usually advisable to weight or ride the common straight-tooth harrow in order to cause it to stir and pulverize the soil deeper and prevent the "slicking" effect which is apt to result from light harrowing.

The cultivation necessary, after early plowing, to destroy weeds, in the experience of the writer, has usually been sufficient to settle and pulverize the seedbed. For the early cultivation after a good rain and after the weeds have started, there is no implement superior to the disc harrow; the double disc which gives two cultivations and leaves the ground level, being preferred. For later cultivation the common harrow or the Acme harrow should be used with the purpose of not loosening the ground too deeply just previous to planting or seeding.

Avoid an Actual Dust Mulch.

In the ideal system of culture the purpose is to keep a mellow soil mulch on the surface of the land all the time, not only during the growing of the crop, but also in the interval between harvest and seeding time. The ideal soil mulch is produced by loosening the surface soil as soon as it is dry enough to cultivate after a rain. The mulch should be mellow and granular, not dusty. Avoid producing a "dust" mulch which results from harrowing very dry soil; such soil is likely to blow. Also, the smooth, finely pulverized surface left by continuous light harrowing will shed heavy rains, causing a waste of water which should have been stored in the soil, and the surface often becomes too fine and compact, preventing the proper aeration of the soil. Therefore during the interval between crops, it is often advisable to use the Acme harrow or the disc or spring-tooth harrow, in order to keep the surface of the soil open and mellow.

Want to Know About Peanuts

Since the article on Spanish peanuts by H. M. Cottrell appeared in Farmers Mail and Breeze a few weeks ago there has been a general demand for more detailed information on this crop. It will be worth the while of anyone interested in peanut growing, to write to the Department of Agriculture at Washington, D. C., and ask for a copy of Farmers Bulletin No. 431, on "The Peanut." This covers the subject thoroughly and authoritatively. Readers of the Mail and Breeze may have the bulletin for the asking. Many inquirers want to know where to get the seed. Any good seed house should be able to furnish it. The Double U Company of Post City, Tex., will supply seed for about \$1 per bushel f. o. b. Post City. Seed may also be had from The Barteldes Seed Company of Lawrence, Kan., or Oklahoma City, Okla.

Cultivated Alfalfa Next

Mr. Editor—The practice of planting alfalfa in rows on the dry lands, both for hay production and for seed production, is going to grow. It is a crop that responds to cultivation, especially for seed purposes. Under a low rainfall more hay will be produced and it is really the only successful way of growing seed regularly. No definite information is available on the amount of yield obtainable; it will vary with the

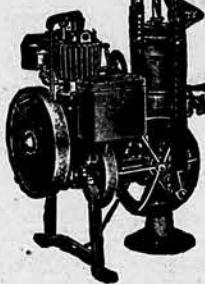
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Let me ship the gates you need for 60 days free inspection and trial. Save from \$50 to \$250 on your gate purchase. Iowa Gates are made of high carbon steel tubing and large stiff No. 9 wires. Rust proof—wear proof. Write for my special proposition today. Complete galvanized frame, also painted gates cheaper than ever before. Jos. B. Clay, Manager, IOWA GATE CO., 23 Clay Street, Cedar Falls, Iowa



FREE

New Thin Model



STEM WIND AND SET

BOYS! We Give You This WATCH, FOB and RING

THIS watch is not a cheap toy, but a beautiful, high-grade, regular 16 size, man's watch—a new, light, thin, open face model, with handsome gun metal case; guaranteed American movement; stem wind and stem set; gold plated winding stem; minute and second hands, just like all high-priced watches. Each watch thoroughly tested at factory and warranted a perfect timekeeper. Your own initial engraved on the back in beautiful gold lettering. We also give you a beautiful Swastika fob and elegant Gold Signet Ring, warranted for five years, if we hear from you quickly.

Just Send Your Name—No Money

DON'T send us one cent—just your name and address. We then send you, all charges paid, eight of our high-grade 12x16 Enamelled Art Pictures to distribute among your friends. In connection with our special offer. Then send us money collected, and we will send you this elegant Watch, Fob and Ring, absolutely free. Only one watch given in a neighborhood, so don't delay. We send money back to you if you are not more than delighted. Address at once, BOYS' WATCH CLUB, Dept. M.B., TOPEKA, KAN.



What Farmers Are Thinking

Readers of Farmers Mail and Breeze are cordially invited to air their opinions in this column if they can do it briefly. Say what you want to say, but say it short.

Revive the Debating Society.

Mr. Editor—Farmers in every school district in America need to get together in their school houses and organize literary and debating societies in which young and old may take part. Make the school house the social center and have a good old fashioned literary society once again. Debate upon such questions as these:

(a) Resolved that more happiness and prosperity will be secured and maintained for American farmers by national union and co-operation and by controlled production and marketing, than through any or all other methods to aid farmers, combined.

(b) Resolved that the farmers in each county from which 100 cars of cattle and hogs are shipped out annually should form stock companies and build, own and operate in the county seat, a cold storage and packing plant where farmers' hogs and cattle may be butchered, the meat cured and stored with eggs and butter in times of low prices.

(c) Resolved that it is better to build granaries for corn and wheat on the farms in which these grains may be stored awaiting profitable prices, than to build farmers' stock company elevators in railroad towns for the purpose of holding these grains.

(d) Resolved that there is more to be gained in profitably marketing farm products than by increasing or doubling farm production. J. D. Shepherd.

R. 8, Clay Center, Kan.

Would Keep Kansas Progressive.

Mr. Editor—I am in favor of Arthur Capper for governor because I believe he is the best man available to carry on the progressive legislation that is being adopted in Kansas. Kansas farmers feel that they can trust him with the state's business. The success he has made in his own business and the improvement in his publications have brought him close to the people and they feel that they know him.

Zeandale, Kan. George S. Burt, Jr.

A Pond on Every Farm.

Mr. Editor—Our poor crops in 1911 prove again that what we most need is moisture. We need to hold the water from our heavy rains and not let it run off and down the streams. What a fine thing it would be for this state if it were spotted with lakes, reservoirs, and ponds. These could be surrounded by fruit and shade trees to help pay for the land taken up by the water. These ponds would afford a place to keep fish and we could make our own ice in winter. We have no way of ditching water onto the land but through these ponds we could give it to the atmosphere and get it back as rain. It is well known that showers follow rivers and streams because the water attracts them. It is the lakes and sloughs of Minnesota that give Minnesota an abundance of rain during the rainy season and heavy dews during the dry season. By helping nature we could get moisture in the same way. Why cannot our government or state give a bonus on constructing dams, exempting land taken up in this way from taxes? Fred Schneider.

Sylvan Grove, Kan.

Evil of the Inheritance Tax.

Mr. Editor—I cannot see why anybody should want such a law as the inheritance tax as we now have it. For instance, take the farmer that marries at 21, where neither he nor his wife have any money to speak of. They both go to work, accumulate land, livestock, and also a large family. Both parents and children work hard until perhaps the father drops off. Then for the wife to have to pay a tax on part of what she has been working for all this time, is an outrage and a shame. I know of families where the boys stay at home and work hard to help make money and buy land, and then for them not to get it is not just and right. Such a law ought to be abolished. When

the head of the family is gone the widow and children need their money and property more than while he is there to look after things. R. S. Kiowa, Kan. L. N. Green.

Workings of the Stallion Law.

Mr. Editor—I think the stallion law in Kansas is a fake and there is nothing to it. If it protected the people, helped the horsemen, or improved our horses, I would say it was a good thing. But it does nothing but create a few soft jobs and it is a fine thing for the local veterinarians. Mr. Owner pays the veterinarian \$2 for examining his horse, then sends \$2 to the livestock registry board for a certificate. If his horse happens to be a grade or mongrel he can get in the game just the same. I think there should be a heavy license placed on grade stallions, so heavy that in time they would be exterminated. That would give the man with good stuff a chance to make some money and would be better for the breeder and all others concerned.

O. S. Johnston.

Bonner Springs, Kan.

[Mr. Johnston has either not thoroughly familiarized himself with the stallion law and its workings or he has allowed some prejudice to get the better of his judgment. The law protects the mare owner. It points out the flaws and bad breeding in a stallion. It makes every stallion owner stand his horse for what he is. It is then up to the mare owner and if he chooses to breed to a spavined, sway-back mongrel, that is his privilege.—Ed.]

Farmers Need to Get Together.

Mr. Editor—You will find my remittance enclosed for a renewal to Farmers Mail and Breeze. I take pleasure in subscribing to your paper for it truly represents the farmer's best interests and it should have our loyal and unstinted support. It is the acknowledged fault of the farmers that they do not stand together, while those who set the price and profit both on what farmers sell and what they buy, stand shoulder to shoulder. The only way for us to get a parcels post is to act and work together. If every farmer who wants such a law would write to his representative in congress, urging its passage, it would soon be accomplished. The farmers have been sleeping on some of their rights and while we have the best government on earth we are being denied some advantages that are accorded to the serfs of Europe.

Atchison, Kan.

E. E. B.

Creating an Interest in Farm Life.

Mr. Editor—The most serious problem that confronts our country today is keeping our boys and girls on the farm and keeping them satisfied with rural life conditions. At present it seems that our only hope of attaining such ends is through the boys' and girls' junior agricultural clubs. Does not the girl on the farm change her notion of rural life when, through such work as is being done today, she learns to make an apron, a tidy shirt waist, to make and trim a hat, to understand the fundamental principles of breadmaking, to grow a plot of tomatoes of her own and can these for her home use, and learns how to make the farm more beautiful? And why should not a boy dislike farm life and the farm if it is his lot to plow a wornout soil, sow scrub seed, grow scrub corn, and feed it to scrub hogs, tick-infested cattle, and scrub chickens? How different the experience of the boy who raises a registered or highgrade Berkshire or a fine Jersey, heifer, or a pure strain of Barred Plymouth Rocks, or who grows an acre of corn of the variety he likes best, and in the fall wins premiums for yield and quality of exhibit? Who doubts that this boy will study and learn something that will give him a vital interest in farm life? John M. Wilkinson.

Oklahoma Agricultural College, Stillwater.

A Book on Care of the Horse.

A new book, "The Horse, His Breeding, Care and Use," is the work of the well known eastern authority on the horse, David Buffum of Rhode Island. The book is one of the helpful sort that covers the everyday problems of the man who handles horses. There are chapters on such topics as breeding, cure of vices, stabling and feeding, training the colt, breaking, shoeing, treatment for sickness, etc. The book is published by the Outing company, 315 Fifth Avenue, New York, and sells for 75 cents.

Firestone Tires

Stoutest Construction

EXTRA fine rubber, extra fine Sea Island Cotton fabric, extra hand workmanship and most rigid inspection have given "Firestone" tires the stoutest construction every year for ten years.

That's why our statement of "Most Miles per Dollar" has been proven year after year on all kinds of tests of service. Cars used on rough country roads need tires of the stoutest construction. Demand them on your new car or equip your old car with them.

Books Free: "Tire Repairs and How to Make Them," and catalog of Firestone Tires. Also get posted on advantages of Firestone Demountable Rims. If interested ask for Rim Booklet.

The Firestone Tire & Rubber Co.
"America's Largest Exclusive Tire and Rim Makers"
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\$29.50 Buys This Elegant Top Buggy.

Retail Price \$50.00. Buggies, Surreys, Spring Wagons, Farm Wagons. We have cut out our Jobbers, our Wholesalers and our Retailers and offer YOU their profit. Write today for our

Free Catalog and Delivered Prices.

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Station 38J, East St. Louis, Ill.



Four Big Factories Make the SAGINAW!

It takes four big factories, equipped with special modern Silo machinery, to make the Saginaw—the most scientific Silo—and to turn out enough Silos to meet the demand. It takes this big equipment to make a Silo right. Scientific manufacture enables the makers of Saginaw Silos to offer you the only Silo with

BASE ANCHOR AND INNER ANCHORING HOOP

—greatest improvements yet made on a Silo. The Saginaw Base Anchor firmly roots Silo like giant oak. With Saginaw Inner Anchoring Hoop at top and Base Anchor at bottom, you need never fear that staves will ever loosen or fall in, or that Silo will ever collapse or blow down. Free Book of Pictures, for you, shows Saginaw factories inside and out. Ask for Circular M.

FARMERS HANDY WAGON COMPANY

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6 BIGGEST, BEST and MOST BEAUTIFUL Chrysanthemums F-R-E-E!

A big garden of the always popular "Mums" may now be yours—and absolutely without cost! The beautiful Chrysanthemum collection described below is made up of First Prize Winners and is grown for us by one of the most famous firms of florists in America.

The beauty of this flower of the Orient is well known. Few people realize, however, how easily they can be grown. The Chrysanthemums described are among the best and most valuable varieties; they are healthy growers, early and abundant bloomers and bear flowers of the largest size and most beautiful shades of color. Here is a brief description of the six varieties included in our great free offer:

POLLY ROSE—Produces extra sized flowers of purest white; fine deep form, foliage evenly distributed.

SIX COLORS:

White, Pink, Crimson-Maroon, Canary-Yellow, Lavender and Golden-Yellow

PACIFIC SUPREME—A new globular, incurved variety. A delicate pink and very early flowering.

BLACK HAWK—The darkest red yet raised, velvety crimson-maroon. Outer petals reflexed, center erect, making a very large flower.

GOLDEN GLOW—The finest of its color ever offered. A fine canary-yellow of a soft texture, with broad petals.

LAVENDER QUEEN—Very solid Japanese incurved; large in size, fine lavender, height 3½ feet; blooms about October 15. An exceptionally fine variety.

SUNBURST—Undoubtedly the grandest golden-yellow variety ever introduced; the marvel of the period. Nothing can exceed the richness of its color. Remarkably vigorous grower; carries its great globular flowers erect, giving it a bold, majestic appearance.

MY OFFER:

My purpose in offering to send you these six beautiful plants, absolutely free and prepaid, is to further introduce my already well-known publication.

If you are already a paid-in-advance subscriber you may accept my offer and time will be extended. If your time has run out, renew on this liberal offer. Show this offer to your flower-loving friends so that they, too, may have one of these beautiful collections. If not a subscriber, send your subscription and get the best paper of its kind published, and share also in this big offer.

Send me just \$1.00 to pay for a new, renewal or extension subscription to my paper for one year and I will send to your address, at proper time for planting, the six beautiful varieties named above, free and prepaid. Send your dollar at once. Address,

Mail and Breeze, Dept. 6-M, Topeka, Kan.

All the Most Beautiful Forms—Incurved, Recurved, Globular and Whorled

Money Matters.

It is said that money matters—
Seem to creep in everywhere—
In our dreams and in our chatters,
In our joy and our despair—
Money matters in our thinking,
Money matters in our talk,
Money matters when we're blinking,
Money matters when we walk,
Money matters when we're working,
When we're grave and when we're gay;
Money matters when we're shirking,
Money matters night and day,
Money matters when we're freezing,
Money matters when we're hot—
Yes, it's plain, although displeasing,
Money matters quite a lot.
—C. L. Edson.

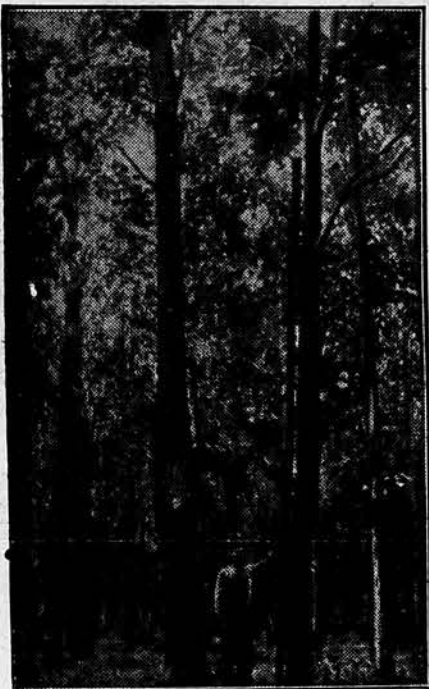
Catalpas on Low Ground

BY CHARLES A. SCOTT,
State Forester.

[Written for Farmers Mail and Breeze.]

During the present season I have received numerous inquiries about the advisability of planting catalpas on low land, especially on cleared timber land along creeks and rivers. Such locations are the most desirable that can be found for the catalpa, as it is a tree that naturally grows on deep rich soil and it is not injured by occasional floodings.

A grove of 27-year-old catalpa trees on George Newcomb's farm in Washington county, Kansas, is growing on ground not more than 6 or 8 feet above the water level in the creek that surrounds three sides of the plantation. It is not uncommon for the ground in this



KANSAS CATALPAS 27 YEARS OLD. Trees in the Newcomb plantation, Washington county, Kansas, many of which will cut poles from 24 to 32 feet long with 4-inch tops. The measuring board is 20 feet long.

grove to be flooded with from 3 to 6 feet of water several times a year. However, as they are along a small creek, the water seldom stands on the ground more than a few hours at the most. The trees in this plantation range from 6 to 16 inches in diameter. The tallest of them are from 45 to 50 feet in height. Many of them will cut poles clear of objectionable limbs from 24 to 32 feet in length with 4 inch tops.

Only in one instance in Kansas have I found the catalpas making an unsatisfactory growth on this character of land. In this particular instance the trees have been seriously injured by winter killing and I am inclined to believe that they are not the catalpa speciosa.

Frequently we are asked for information in regard to growing catalpas on wet or soggy land. In my opinion they will not make a satisfactory growth on such land. I have never seen the catalpa growing successfully on poorly drained soil, nor have I any information that it will grow on swampy land. I advise planters to avoid setting the trees in such locations. The Experiment station of the Kansas State Agricultural college has recently issued Circular No. 20, which discusses in considerable detail methods of growing the catalpa, its soil requirements, and the care and cultivation of plantations. This circular may be had upon application to the director of the Experiment station, Manhattan, Kan.

Yearling Heifers by U. S. Mail.

The postmaster general has received a number of letters from advocates of a parcels post system similar to that

in operation in many European countries, but one that has received considerable attention is a note from a resident of Arizona who wishes a parcels post that he may ship yearling heifers through the mails.

Sprays For the Canker Worm

BY C. V. HOLSINGER,
Horticulturist, Kansas Agricultural College.

Mr. Editor—Of all the orchard pests few, if any, in recent years have given more trouble in the Arkansas valley than the canker worm, yet few of our insect enemies are easier to handle. A good spraying outfit is needed. For an orchard of from 1 to 5 acres, a hand outfit will answer the purpose. The larger orchards should have a power machine. As soon as the leaves of the tree begin to show green spray the trees thoroughly with arsenate of lead, using 3 or 4 pounds to 50 gallons of water. One of the best apple growers in the Arkansas valley told me that with arsenate of lead 2 pounds plus 1/4 pound of Paris green to 50 gallons of water, no difficulty was encountered in controlling the pest. In the use of Paris green alone, it would be well to use a small amount of lime to counteract the effect of any free arsenic there may be in the Paris green.

As a general thing it will pay to use the Bordeaux mixture, or lime sulphur solution while using this poison (arsenate of lead) to combat fungus diseases with which all the orchards are infested. Should the infestation of the canker worm be as bad this season as it was last, it will be necessary to repeat the operation from time to time. But with good, careful work there will be no great difficulty in controlling the pest.

To those who would like to do something toward eradicating this pest, the Agricultural college is ready to help in any way.

Manhattan, Kan.

An Appetizer for Hogs.

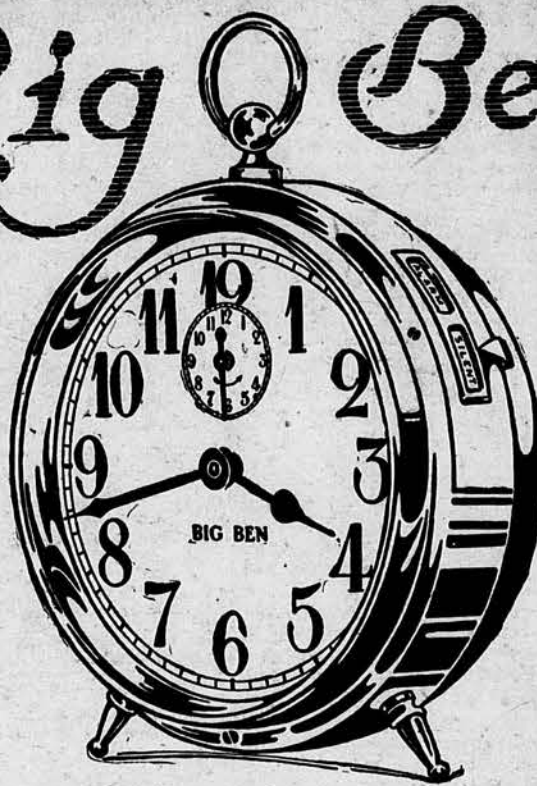
Mr. Editor—To each 20 head of hogs I feed a quart of salt mixed in a scoopful of coal, twice a week. This keeps the herd in fine breeding condition as it seems to give them an appetite.

G. W. Hoyt.

R. 5, Howard, Kan.

Trial trip until August 1, 1912, for 10 cents, Mail and Breeze, Topeka, Kan.

Big Ben



If you'd rise early just say when
And leave your call with me—Big Ben.

BIG BEN has something to say to people who like to get up promptly in the morning.

He guarantees to call them on the dot whenever they want and either way they want, with one prolonged steady call or with successive gentle rings.

And he guarantees to

do it day after day, year after year if they only have him oiled every year or so.

There are 16,000 jewelers in the country who have known him since he was *that high* and who'll vouch for everything he says.

Big Ben stands 7 inches tall. He rings steadily for 5 minutes or intermittently for 10. His price is \$2.50 anywhere.—If you cannot find him at your jeweler's, a money order sent to Westclox, La Salle, Illinois, will bring him to you express prepaid.

A Big, Beautiful American Flag For Every American Home!!



THE Flag I am giving away on the special offer to readers of the Mail and Breeze is a first-class flag in every respect. It measures 5 feet long by 3 feet wide. It is made of all bunting, warranted fast colors. The stripes are sewed on both sides—they are not printed on as in cheap flags. It is a flag which will stand the wind and the rain. It is right up to date and contains 48 stars—one for every state in the American Union.

The Flag of Our Union Forever!

"O, glorious flag! red, white and blue,
Bright emblem of the pure and true;
O, glorious group of clustering stars!
Ye lines of light, ye crimson bars,
Unfading scarf of liberty,
The ensign of the brave and free!"
—Edward J. Preston.

Get One For YOUR Home
On This Special Offer to
Mail and Breeze Readers **FREE**

EVERY true American is proud of "Old Glory"—as every true American should be! You and I love to see her stars and stripes floating in the breeze and we love to plant the grand old flag in our door yard and thus prove our patriotism on every Decoration Day or every Fourth of July, or any and every other day when custom or special occasion calls for a proof of our loyalty. I have just purchased 1,000 big, beautiful American flags which I want to place in 1,000 Mail and Breeze homes during the next 20 days. I bought these flags direct from the manufacturer at a price representing about one-fourth what your local dealer would have to ask you for the same flag. As long as my supply lasts I am going to give one flag absolutely free to all who accept my liberal offer made below.

MY OFFER: I will send one of these flags free to all who fill out the free flag coupon printed below and return with \$1 to pay for a year's new, renewal or extension subscription to the Farmers Mail and Breeze. Get one of your friends or neighbors to pay you \$1 for a year's subscription and we will send the flag to you. Only one flag, however, will be given with each \$1 subscription. This is one of the most liberal premium offers I have ever made and I guarantee that you will be perfectly satisfied with the flag I send you or you can return it and I will refund your money. Remember, I have only 1,000 flags to give away on this offer and if you want to be sure of getting one fill out and mail coupon today.

ARTHUR CAPPER, PUBLISHER MAIL AND BREEZE, TOPEKA, KAN.

MAIL AND BREEZE FREE FLAG COUPON

Arthur Capper, Publisher,
Mail and Breeze, Topeka, Kansas:

Dear Sir:—I desire to accept your 20-day Free Flag Offer and am enclosing \$1.00 to pay in advance for a year's subscription to Farmers Mail and Breeze. I am to receive as a free premium, one of your 3 ft. by 5 ft. flags, guaranteed to be satisfactory or money refunded. The flag is to be sent by mail, postage fully prepaid.

Name

Address

Is this subscription new, renewal or extension?.....

CAPPER BOYS' CORN CLUB

Founded 1907



by Arthur Capper

OFFICERS.

President—Orville L. Dennis, Leona, Kan.
First V. P.—Walter Doolittle, Lawrence.
Second V. P.—Vernon Paine, Admire, Kan.
Third V. P.—Ray E. Rudy, Soldier, Kan.
Fourth V. P.—Everett Farrar, Frankfort.
Secretary—A. L. Nichols, Topeka, Kan.
Treasurer—Abner Lundquist, Lindsborg.

Our Corn-Husking Champion.

LAST year was a poor corn year and not a good one in which to establish new husking records. The eastern part of Kansas had some good fields, but in the western counties picking was pretty slim generally, and yet strangely enough the championship of Kansas and Oklahoma in the second annual Capper corn husking contest conducted by Farmers Mail and Breeze was won by a short-grass husker in a Phillips county field. This young man is John W. Padgett of Logan, Kan., and his record day's work was 125 bushels and 10 pounds by weight in 8 hours and 45 minutes. This record was made



JOHN PADGETT, a short-grass boy who won the Capper corn-husking championship in two states.

On December 12, 1911, while husking for Harry Shearer in the Solomon valley near Logan in a 55-acre field of corn that made 42 bushels per acre. The winner has not yet reached his majority, being 20 years old. The first prize in the

youngest boy (aged 8) gives great promise of being one of the most thorough farmers. That is saying a good deal. But if the foundation is there cultivating will show us what can be done. He is so anxious to try that I told him he could. He has such an old head on his shoulders, that I am much interested to see how he will come out. I am getting my courage back, and am picking up some brood sows here and there. In a year I will again show you what a woman can do with hogs. I have done wonderfully well with my alfalfa, and think to do much this year.

MRS. THEODORE SAXON.
St. Marys, Kan.

The Club's Fifth Annual Contest

In the fifth annual contest of the Capper Boys' Corn Club, now beginning, Mr. Capper will distribute

All boys who take part in this season's corn-growing contest of the Capper Boys' Corn Club will be entitled to have their expenses paid to Topeka next December to attend the club's Fifth Annual Reunion and Corn Show. For further particulars address L. J. Van Lacy, chairman entertainment committee, Capper Boys' Corn Club, Topeka, Kan.

\$300 in cash prizes to the boys of Missouri, Kansas and Nebraska. He offers also, a beautiful grand championship silver cup, valued at \$25 for the best single ear of corn grown this season by a boy living outside of those states. Any boy may take part in this year's Capper contests and become a member of the club by filling out the entrance blank

Entrance Blank Admits Any Boy to Contest

TO ARTHUR CAPPER, CAPPER BOYS' CORN CLUB, TOPEKA, KAN.

Please enter me in your Fifth Annual Corn Growing contest, and admit me to membership in the Capper Boys' Corn Club for the year 1912. I agree to abide by the conditions of the contest. I promise to learn all I can about corn growing during the coming season. I am not over 20 years old.

My name is.....

P. O. or R. F. D.....

My age is.....

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

contest, which is hereby awarded to him by Farmers Mail and Breeze, is a handsome silver shaving set, a trophy possessing both utility and beauty and inducing a commendable neatness in the owner's appearance.

This record does not approach that of the first prize winner last year—160 bushels in 8 hours, made by G. L. Zeurcher of Brown county, Kansas—but taking everything into consideration we believe it is just as remarkable an achievement. We are unable to announce the names of the winners of second and third places at this time as all the terms of the contest have not yet been complied with in these instances. The contestants in the husking contests are asked to enter their records as soon as possible after making them and are required to furnish proof, when called upon, to substantiate their statements, that the contests may be decided fairly and squarely.

An 8-Year-Old Corn Raiser Joins

Among others who enlisted in the Capper Boys' Corn Contest this week were Sidney and Keene Saxon, aged 8 and 12 years, respectively. They are sons of one of Pottawatomie county's best farmers, Mrs. Theodore Saxon. In the letter containing their applications, Mrs. Saxon wrote:

I have two little boys who have talked all winter of what they are going to raise in the corn line this year. We all sort of had the "dumps" last year, and did not try to raise any seed corn, but have some fine seed of two years ago, and shall see who can beat us. We have the soil, and lots of patience, and I think have the seed. This

printed below. The contests are free. Contestants may take part in as many other corn contests as they like. Prizes this year for the Kansas boys will be:

Best Acre-Yield in Kansas.....\$50 Cash
Best Ear from Seed of Own Raising \$25 Cash
Champion Single Ear.....\$25 Cash

A handsome American flag, 5 by 9 feet is offered to the district school in Shawnee county making the best 10-ear exhibit, by 10 exhibitors, all pupils of the school, at the fifth annual Capper Boys' Corn Show and Reunion to be held Saturday, December 14, 1912, at Topeka. The following prizes will be open to competition by all Shawnee county boys 20 years old or under:

Champion Ear Shawnee County.....\$25 Cash
Second Prize Ear Shawnee County.....\$15 Cash
Third Prize Ear Shawnee County.....\$10 Cash

All ears submitted in school contest will also be entered for prizes in the Shawnee County Cash Prize Contest, these prizes to be awarded to the boys producing the corn.

All contestants are to furnish their own seed and must do all the work of preparing the ground and planting and cultivating their crop themselves. In the acre contest each contestant will keep track of the number of hours' work performed by himself and his team and be prepared to render a detailed report of his operations on a blank to be sent to him at end of contest. The acre may be a part of a field of corn or a single acre.

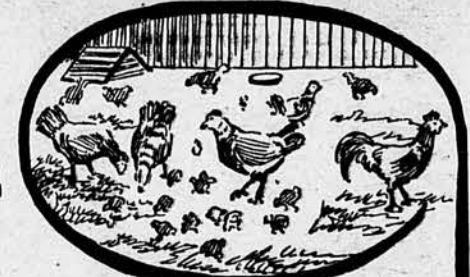
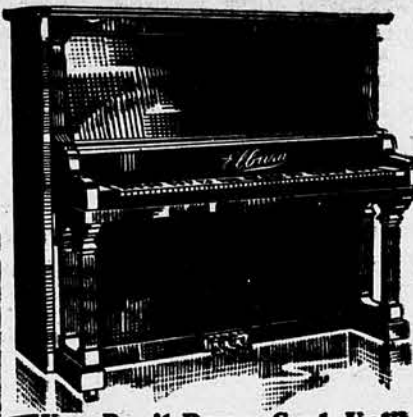
If a Mare Disowns Her Colt.

Mr. Editor—If H. L. B. Ramona, Kan., will milk out a little of the mare's milk and rub it on her nose I think he will have no trouble in making the mare own her colt. I had a mare that would not own her colt and tried this method with the result that there was no further trouble.

E. R. Striver.

St. Clere, Kan.

Trial trip until August 1, 1912, for 10 cents, Mail and Breeze, Topeka, Kan.



A Dozen of Your Hens Can Easily Earn This Beautiful Piano

\$1.50 Per Week

Will buy the Elburn H-2. Positively worth \$225 \$50 to \$150 more than we ask, our price only \$225

Gentlemen—Received the Elburn piano a few days ago, and am very much pleased with it. We had an Elburn piano at home. When I was married and wanted a piano for my home I wanted an Elburn because I like them better than anything I know, so this makes the second Elburn Piano. Respectfully,
MRS. GEORGIA LOGAN, R. F. D. No. 2

You Don't Pay a Cent Until You Are Convinced by Trial of the Remarkable Beauty and Merit of This Piano.

We send it to you absolutely free. You pay no money until the piano is in your home and your friends have thoroughly tested it. We say this piano is actually worth from \$50 to \$150 more than our price, judged by prices obtained by other dealers. Every day sees the popularity of this piano grow. Thousands of Elburns are in Southwestern homes. You can trust the piano and you can absolutely trust the word of the dealer who sells it. Any bank or business house in Kansas City will tell you the reputation Jenkins has for integrity, lowest prices and best pianos. Why not write for a catalog today? We also have many choice bargains on hand in slightly used pianos from \$50 up. (Small monthly payments). Write today.

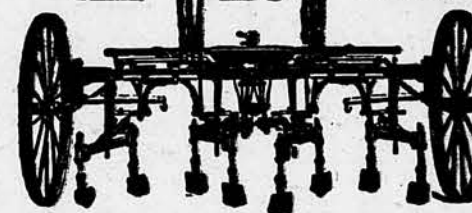
J.W. Jenkins' Sons Music Co., Kansas City, Mo.

RANKIN Two Row CULTIVATORS

30 DAYS TRIAL RIGHT ON YOUR FARM

SAVES A HAND

SPECIAL LOW PRICES TO INTRODUCE



THE ORIGINAL SUCCESSFUL TWO-ROW Cultivator in America. David Rankin's needs as the greatest corn raiser in the world, compelled its inception and development.

RANKIN TWO-ROW CULTIVATORS are unequalled in construction, operation and efficiency. This is the original Two-Row Cultivator in America. Better today than ever. Saves a hand on every farm. Costs less to have it than to do without it. Don't fail to write for the great special price offer, and free catalogue.

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David Rankin Mfg. Co. BOX 91, PARKIO MO. U.S.A.

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

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market, for the reason that it kills the lice as well as the lice, and remains on your stock for so long that it thoroughly cures them of mange. Put up only in 32 gallon barrels, and sold for \$6.00 per barrel. Why pay \$1.00 per gallon for a dip when you can get the best for less than 10c per gallon? My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$3.50 per barrel of fifty-two gallons. See my advertisement of refined oils at wholesale prices in next week's issue. Send cash with order. Address C. A. Stannard, Box M, Emporia, Kan.

Big Campaign Offer

Kansas Weekly Capital
From Now Until November 15th For
Only 10c

I want 10,000 new subscriptions to the Kansas Weekly Capital in the next 20 days—and this unprecedented offer will surely bring them. Cut out the Coupon printed below—sign your name and address and return to me at once with 10c and I will enter your name for a paid-up subscription to the Weekly Capital until November 15. If you want the "meat" of all political news from now until the November elections have been closed you can't afford to miss this great 10-cent offer.

This is a special 20-day proposition and if you wish to have your subscription entered before this offer is withdrawn you should cut out the Coupon below and mail at once.

ARTHUR CAPPER, Publisher.

ARTHUR CAPPER, Publisher Kansas Weekly Capital, Topeka, Kan.
Dear Sir:—Enclosed find 10 cents, for which send the Kansas Weekly Capital until November 15, 1912, according to your special campaign offer, to the following address. This is a new subscription:

Name.....

Postoffice.....

R. F. D. or Street or Box No.....

County..... State.....

Date.....

Huiskamp's Barnyard Shoes

Specially tanned by secret process. Guaranteed proof against manure and barnyard acids. Cost no more than ordinary shoes but last twice as long. A shoe every farmer can afford and none can afford to be without.



A Bottle of Our Famous Barnyard Shoe Oil FREE

Ordinary shoes are not made for barnyard service and crack when exposed to the ammonia and other acids of manure and barnyard liquids.

Huiskamp's Barnyard Shoes are made of leather specially tanned by secret process. They cost no more than the common kind of shoes but last twice as long when used in barnyard work. Farmers and stockmen can cut their shoe bills in half.

A Shoe of Solid Comfort

Requires no "breaking in." It's the ideal shoe for farmers and stockmen, something he has long wanted. Thousands of farmers are wearing them. Thousands more will buy Barnyard shoes this year. Are you in line yet?

From a Dealer

Clarksville, Ark. I am handling the Barnyard shoes made by Huiskamp Bros., of Keokuk, Iowa. They are giving me great satisfaction. We have not had a single shoe returned nor a word of complaint. They are everything their makers claim for them.

J. W. SALLIS.

Ask Your Dealer

For Barnyard shoes. A bottle of oil with each pair. Preserves the shoes. If your dealer can't supply you write us for literature and name of dealer who handles Barnyard shoes.

THE HUISKAMP BROS. CO.

204 Johnson St., KEOKUK, IOWA

1 1/2 CTS. A ROD UP

Big, bright, close-woven. SOLD DIRECT on 30 days free trial. 78 styles of Fence and 54 styles of Gates. Send for our big, handsome four-color Catalogue. It will save you Money, Time and Freight. OTTAWA MFG CO. 604 King St. Ottawa, Ka.



BROWN FENCE

13 CENTS PER ROD UP. RUSTPROOF: BULLSTRONG: PIG TIGHT. Fences for horses, cattle, sheep, hogs, chickens, etc. Special low bargain prices. We pay the freight. Ornamental Lawn Fences and Gates. Send for catalog and sample. Brown Fence & Wire Co. Dept. 13 Cleveland, Ohio

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26 inches 16 1/2 cents. 75 other styles of Hog, Farm and Lawn Fencing. Buy from factory direct and save dealers profit. Large Catalogue FREE. KITSelman Bros. Box 52 Muncie, Ind.

CYCLONE LAWN FENCE

Artistic, Practical, Durable. Gives your place a distinctively prosperous appearance and increased value. We also make tubular steel Farm Gates. Free books. Cyclone Fence Co., Dept. 16, Waukegan, Ill.

Prevents Rot

Fence posts will last twice as long if they are treated with AVENARIUS CARBOLINEUM (Registered). Guaranteed to preserve all wood in or above ground. One gallon covers 800 sq. ft. Freight prepaid. Circular free. Beware of imitations. Carbolineum Wood Preserving Co. Dept. 112 Milwaukee, Wis.

Save Your Chicks

We can help you. Send names and addresses of 10 Poultry friends and receive our 32-page book on "WHITE DIARRHOEA, the Greatest Foe to Chick Life." This book makes Poultry Profits possible. Gives care and feeding of chicks; also gives cause and guarantee cure for bowel trouble. Above book and sample of F. K. Tablets FREE, postpaid, for the names. Write today. The value will surprise you.

F. K. REMEDY CO., 733 Second St., Arkansas City, Kan.

WANTED—CLUB RAISERS

Special presidential campaign offer. Greatest special offer ever made. Good wages. Mail application at once to Circulation Manager, Copper Publications.

FOSTER'S FORECASTS

LITTLE RAIN TILL MID-MAY.

(Copyrighted 1910 by W. T. Foster.)

To Farmers Mail and Breeze:

Washington, D. C., April 20.—My last bulletin gave forecasts of disturbances to cross continent April 18 to 22, and 24 to 28, warm waves April 17 to 21 and 23 to 27, cool waves April 20 to 24 and 26 to 30. This period of about 10 days will average warmer than usual and will have less than usual rain. Crop weather will be good as a general rule but some sections will probably begin to need rain. Less rain is expected with the last than with the first disturbance.

Last disturbance of April will reach Pacific coast about April 27, cross Pacific slope by close of 28, great central valleys 29 to May 1, eastern sections May 2. Warm wave will cross Pacific slope about April 27, great central valleys 29, eastern sections May 1, Cool wave will cross Pacific slope about April 30, great central valleys May 2, eastern sections May 4.

While this disturbance with its various weather features is crossing the continent from west to east unusually warm and dry weather may be expected. For most sections of this continent fine crop weather will prevail during this storm wave period as most sections have received sufficient rainfall or the soil was well soaked before it was frozen last fall. But as not much rain is expected from April 20 to May 12 a drouth scare is to be expected in some parts of the country.

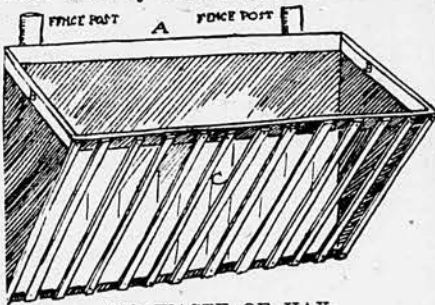
For May I have estimated much less than usual rainfall in three-fourths of the agricultural sections.

An Alfalfa Manger For Hogs

BY J. S. HOWARD.

[Written for Farmers Mail and Breeze.]

I have been feeding 1 quart of Kafir per day each to some shoats and all the alfalfa they would eat. They are doing well on it and growing fast. When alfalfa hay is fed to hogs it should be from the first or second crop and it must be kept in a dry place, for if allowed to mould the hogs will not eat it. For feeding the hay I use a rack made of 1 by 4-inch stuff as shown in



NO WASTE OF HAY.

the diagram. The trough is 4 feet high and may be made as long as desired. A trough 4 inches deep and a foot wide should be placed below the rack to keep the hogs from wasting the leaves. The slats are 4 inches apart so the hogs can pull the hay out but they can't get their heads through.

J. S. Howard.

R. 3, Sedan, Kan.

Get a Government Job.

All interested should write to Franklin Institute, Dep't. A 178, Rochester, N. Y., for free list of Government positions. open.

Good Reading at Small Cost.

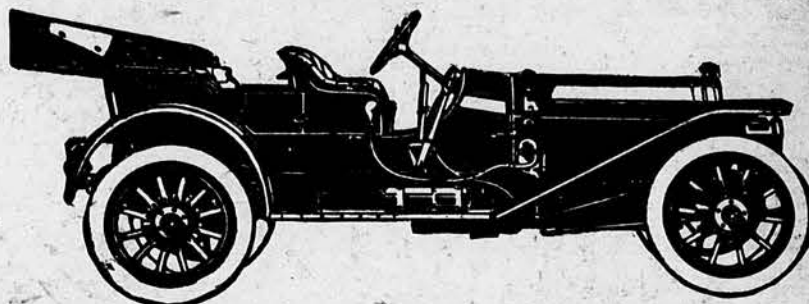
Mr. Editor—I get a great deal of good out of Farmers Mail and Breeze and although it is chuck full of good reading I think it very cheap in price.

P. C. Coleman.

Mangum, Okla., March 18, 1912.

A high grade, guaranteed durable live rich red barn paint is sold by the Sunflower Paint & Varnish Co. of Ft. Scott, Kansas, direct to the consumer at only 85c per gallon in 5 gal. cans, freight prepaid. This is a paint proposition worth considering by every farmer. This is a reliable company and now is paint season. Try this paint.

Rebuilt Matheson Cars Six Cylinder 50 H. P.



Great Bargains-- ONLY A FEW LEFT

Every rebuilt Matheson car here offered has same guaranty as new car; has been taken in exchange for a new Matheson. Each one has been so satisfactory to its owner that he has bought another Matheson.

These cars are all six-cylinder 50-H. P. with multiple disc clutch—new tires, 36 x 4-inch bodies luxuriously upholstered—tops with envelopes—acetylene headlights with Prest-O-Lite tank—oil side and tail lights—tire carriers—trunk racks—coat rail—foot rail, etc., etc.

Prices While They Last—50-H. P., 6-Cyl.

Offer No.	Description.	List price.	Special offer.
1	6-cyl. Touring.....Red.....	\$3,150	\$1,500
2	6-cyl. Touring.....Blue.....	3,150	1,500
3	6-cyl. Touring.....Green.....	3,150	1,500
4	6-cyl. Toy Tonneau.....Red.....	3,150	1,500
5	6-cyl. Toy Tonneau.....Blue.....	3,150	1,500
6	6-cyl. Toy Tonneau.....(cream).....	3,150	1,500

(In ordering specify "Offer No." desired.)

TERMS: F. O. B. Wilkes-Barre, Penna. \$100 deposit with order. Balance on arrival of car.

These bargain prices cannot be duplicated when these cars are sold.

FIRST COME FIRST SERVED.

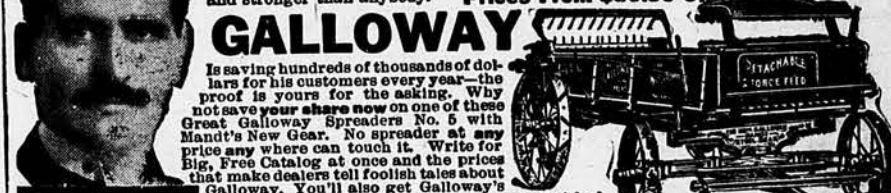
Matheson Automobile Co., Wilkes-Barre, Pa.

Immediate Shipment.

EARN \$50

When You Buy a Manure Spreader

Fred Hansen of Tremonton, Utah, writes: My neighbor borrowed my Galloway spreader to try against his neighbor's new spreader which cost \$50 more, but he sent you his order. Get your spreader direct from Galloway's Great factory at factory price and make the middleman's commission yourself. No easier way to make money—no such sure way of getting quality. I'll quote you a price \$20 to \$50 below the dealer, according to quality, style and capacity. I give you a free trial, a binding, personally signed guarantee, longer and stronger than anybody. Prices From \$39.50 Up



new Book—"A Streak of Gold"—most valuable book on manure published. Wm. Galloway, Pres., THE WM. GALLOWAY COMPANY 209A1 Galloway Station Waterloo, Iowa Mail Postal Now

Every Farmer Can Now Afford Trojan Steel Gates \$4.95 Direct From Factory

Nothing cheap about it but the price. The Trojan is built of heavy weight High Carbon Steel Tubing, 1 1/2 inches diameter. Braze Seams. An unbreakable gate that defies the efforts of the fiercest bull. Adjustable—swings over snowdrifts, side hills or uneven ground. Overcomes sagging posts. Can be used to sort small stock from large stock. A practical gate the year around. The Finest Steel Gate Direct From Factory to You.

Heavy close mesh. Genuine Glidden Barb wire, top and bottom. Galvanized wire tighteners. Special latch. Forged steel hinges that go clear through the post. No lag screws to pull out. Opens at the touch of the finger but holds securely when closed.

Better than any wooden gate made because it works more easily, does not rot and saves money for repairs. Put a Trojan on your farm and it is there to stay.

Sold on 2 Years' Trial Backed by \$10,000 Guarantee Bond.

Special money-saving factory price \$4.95 for 10-ft. gate. Larger ones in proportion. Return it any time in 2 years if the Trojan is not all I claim, and get your money back. \$10,000 bond protects you. Write today for illustrated folder.

W. E. Voorhees, Mgr., Standard Manufacturing Co., 305 Main St., Cedar Falls, Iowa

ORGANS \$20 to \$40—TERMS

Highest grade Estey, Mason & Hamlin, Story & Clark, Chicago Cottage, etc., slightly used—guaranteed like new—descriptions and prices for the asking. Jenkins Music Co., Kansas City, Mo.

Bees on the Farm

"Gleanings in Bee Culture" will help you get more pleasure and more profit from Bee keeping. 6 months trial subscription 25c. Book on Bees and Catalog of Supplies sent free. THE A. I. ROOT COMPANY, BOX 219, MEDINA, OHIO.

Sold On Approval

THIS picture shows Culbertson Bros. drilling with their BIG FOUR "30" at Bowman, N.D. They write: "We can break just as many acres per day with THE BIG FOUR "30" as we could with our steam outfit, at about one-fifth the expense. Horses and steam have no comparison with THE BIG FOUR "30." The engine will do everything the company stated it would do, and more too."

Write NOW for



The Big Four "30"

Book and Book of Testimonials.

Gas Traction Co.,
First and Largest Builder
in the World of Four-Cylinder
Farm Tractors.

2725 University Avenue, S. E.,
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Columbian Rust-Resisting Iron or Steel Silos

do away with
all silo troubles

COLUMBIAN SILOS have "COLUMBIAN HINGE DOORS" and when you purchase one it means:
No hoop troubles
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Write for prices and information
giving size or capacity.
Also write for booklet and prices on the
"Columbian" Portable Granary.
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Built of reinforced concrete are the best value for the money. No repair bills. No insurance.

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Use Metal Stack Covers

They last for years and will not rust—can be adjusted to any size stack, will save its cost the first season. For price list and full particulars address: THE KANSAS METAL GRANARY CO., WICHITA, KANSAS

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Study at home—earn \$75 to \$250 per month. Positions all over the world. Women operators in demand.

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I want to give one of these superb, self-pronouncing Red Letter Bibles to every reader of this paper in return for a very small favor which will require but a few moments of your time. This is a very beautiful and very expensive Bible—size 7x9 1/2 in., printed in large, clear type, on pure white paper, bound with imperial red, overlapping edges, strong and flexible. Especially adapted to the needs of Church and Sunday School workers. The words of Christ are printed in red. Profusely illustrated. Send No Money. This elegant Bible is my free gift to you in return for a very small service. Send your name today for descriptive circular and full particulars of my free offer. Address: BOURNEBOLD BIBLE CLUB, 844 Jackson St., TOPEKA, KAN.

VETERINARY ADVICE

Conducted for Farmers Mail and Breeze
BY DR. F. S. SCHOENLEBER,
Professor of Veterinary Science
Kansas Agricultural College.

Our readers are invited to consult Dr. Schoenleber in an advisory way in case of trouble with livestock. In asking advice be sure to state in full the history of the case, location of the disease and the conditions under which animal has been kept just prior to and since the disease appeared. If a horse state weight. Also write across the top of your letter to be answered in Farmers Mail and Breeze and always sign name in full. Unsigned inquiries will not be answered.

Crude Oil for Lice.

My cattle are very much troubled with lice. I have crude oil but do not know how to make a solution of it and apply it. Will you advise me?—J. M. Hooper, Neb.

The crude oil may be applied pure if the weather is right and it is not used too freely. There should be no trouble, but would try it upon a small surface first, upon one or two animals and see if it takes the hair off. In that event would mix in a little soap and water to dilute it to the proper strength which of course would have to be decided by experimenting with it.

Periodic Swellings.

I have a 7-year-old mare that became lame in her left shoulder last November and in about three weeks she began to swell between her forelegs and on her breast, the swelling finally breaking and running. She has broken out three times and is now beginning to swell again. What can be done for it?—J. F. C., St. Francis, Kan.

It is possible that there is some foreign matter somewhere which should be removed. It is also possible that the glands in this vicinity are infected and that the trouble comes from that. Would suggest that you get about 8 ounces of fluid extract of echinacea and give her 1/2 ounce of this night and morning.

Kidney Ailment.

I have a mule that seems to be affected in the kidneys or bladder. Three weeks ago I first noticed a little blood in his stall from urinating. He urinated with difficulty and on the advice of the druggist I gave him some fluid extract of buchu. His kidneys acted but the discharge was bloody. He does not pass blood now but the discharge is stringy and not yet normal. What is the trouble and what can be done?—W. G. Byers, Tex.

Your diagnosis seems to be correct and would suggest that you give him about a teaspoonful of nitrate of potash in a little drinking water about once a day. It might be well to also feed about a teaspoonful of powdered buchu leaves in his feed once per day for about 10 days or two weeks at a time.

Treatment for Sweeney.

I have two horses that are badly sweened. Can you suggest some remedy?—J. K. Parker, Kan.

This trouble is usually caused by one of two things, either a sprain or lack of use of the parts. Both of these conditions will cause a shrinkage of the muscles. If the feet are affected which frequently causes this trouble, they must first be straightened out before you can cure the other trouble. If it is caused from a sprain of the muscles then a stimulating liniment rubbed in every few days should help but sometimes it is necessary to use a blister. It is always best in these cases to find the cause if possible and remove it.

Bloody Milk.

I have a cow that came fresh about a week ago. The swelling has gone out of her udder and the milk seems all right while milking but after it is set away we can see bloody streaks and bloody settlements in it. She was affected the same way last summer but not so badly. What causes this and what can be done for it?—W. H. K., Humboldt, Kan.

The trouble in all probability is garget but the case is not clear. Would give the animal 1 ounce of Epsom salts dissolved in water, then add 2 ounces of powdered ginger. Follow this with 1 teaspoonful of powdered saltpeter once a day in a little grain, and after each milking knead the udder thoroughly with a little raw linseed oil. If this does not clear it up within a reasonable time, would have her tested for tuberculosis.

Treatment for Tender Feet.

I have a 1,400-pound Clydesdale mare that has cracks in the hoofs of all four feet. Her feet did not seem to be tender until the ground froze up. She has been shod all winter. Is there any way to get rid of the cracks?—L. A., Warrensburg, Mo.

These hoofs should all be treated, kept soft with some hoof ointment and kept well trimmed and I would suggest that

you keep her shod. Sometimes shoeing them will make them worse. In that event would not do so, but would keep her in on soft ground but out of the mud as much as possible and at the same time would rub in just above the hoof or joint some stimulating liniment that is not strong enough to blister but will come very close to it. This sometimes helps to cure these cases. In many instances very little improvement can be made.

Old Wound Causing Trouble.

I have a 1,600-pound mare that was cut in the wire last September. It was nearly healed up but suddenly got worse and is getting worse all the time. Above the ankle of the leg there is a bunch as large as a bucket and another as large as a gallon measure. They are getting larger all the time and yellow matter runs from them. Can anything be done?—J. K. S., Columbus, Kan.

Am afraid that very little can be done toward a cure for this mare as in all probability the enlargement is made up of hard fibrous tissue and that would be very hard to heal after being removed. The enlargement should have been removed before the vessels which supply them with nourishment became too large. As it is, it looks as though very little could be done.

Defective Udder.

I have a cow 4 years old that will soon bring her second calf but has one teat which has never given any milk. Will it be advisable to open this teat, and if so, at what period?—F. M. D., Buford, Ark.

If the quarter is healthy and all that is lacking is an opening either in the teat or immediately above it, a silver milk tube could be used, but great care must be taken in using it as it is easy to infect the parts and lose the quarter entirely. If there is no milk present or this quarter is smaller than the rest, there is but one chance in a hundred that you can bring it back to normal condition again.

Boar Dead From Unknown Cause.

I had a purebred Duroc boar about 16 months old that had a rather poor quality of corn to eat and only water to drink. He failed to come for his feed one morning and I found him weak in his hind legs. He would not eat or drink but vomited several times and breathed heavily. He died two days later and when found had a large amount of froth about his nose and mouth. What was this disease and is it contagious?—R. P. R., Gardner, Kan.

Without a description of the condition of the internal organs we can give you no idea of what this trouble could have been. It might have been the feed in the way of poor corn or it might have been that the trouble was first caused by his catching cold, but without a description of the organs after death, a positive diagnosis cannot be given.

Cow Has Swollen Jaw.

I have a 6-year-old cow that has a lump under her jaw about 8 inches long and 4 inches thick. It is solid meat. The back of her tongue is swollen and she is getting poorer all the time. I first noticed this last November. Have been feeding corn fodder, cane, and some corn. What can be done for her?—S. A. J., Coyville, Kan.

If at all possible would examine to see if you can find some foreign material such as a piece of cornstalk or wood or an injury of some kind. If not, would examine to see if you can find any pus sack. If so, this should be opened and the abscess swabbed out with pure tincture of iodine once a week, and give the animal once a day 1 ounce of the following solution: Potassium iodide 1 ounce, water 8 ounces, mixed.

Packer, Pulverizer, Masher
3 Machines in 1
INCREASE ALL YOUR CROPS 50 to 100%



To pack and pulverize the seed bed and keep the moisture in as important as to sow and to plant. The Western Land Roller will do it all. We sell direct to you. Free Circular gives description, price list and testimonials. Tells how to get better crops and increase your Winter Wheat yield by rolling in the spring—how to get a perfect stand of alfalfa with but 6 lbs. of seed per acre. Write for the FREE Circular today.
Western Land Roller Co., Box 125, Hastings, Neb.

Rider Agents Wanted

in each town to ride and exhibit sample 1912 bicycles. Write for special offer.
Finest Guaranteed \$10 to \$27
1912 Models
with Coaster-Brakes and Pneumatic Tires.
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100 Second-Hand Wheels
All makes and models, good as new... \$3 to \$8
Great FACTORY CLEARING SALE
We ship on Approval without a cent deposit, pay the freight, and allow 10 DAYS FREE TRIAL.
Tires, chains, lamps, fenders, handle bars, and repairs for all makes of bicycles at half usual prices. DO NOT BUY until you get our circular. Write now.
HEAD CYCLE CO. Dept. HM CHICAGO

PURE WATER-HEALTHY HOGS

Keep your hogs supplied with pure, fresh water; it prevents Cholera and Gums. Use Moe's Top-Fill Hog Drinking Fountain.
Holds 50 gals. Won't overflow. Dead air space keeps water cool in summer, and keeps it from freezing in winter. Has an adjustable spout for moving about. Strongly built. If not at dealers, will send for \$15.00 Satisfaction guaranteed.
Oth & Moe, 5114 North 4th St., Chicago, Ill.

SELF FEEDER AND SELF-TYER



The Tuttle combined power hay press saves you MONEY. New side self-feed and the self-tyer does it. 2 men can run it. 3 men is a full crew. Fully guaranteed for 12 months. SELF-TYER AND ALL.
TUTTLE HAY PRESS CO.,
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More Water

"American" Centrifugal Pump

than by others because the impeller is accurately machined to the casing, preventing any sudden change in direction of the water. Not an ounce of power is wasted. Every "American" Centrifugal absolutely guaranteed.
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Gout, Swollen Glands, Cysts, Varicose Veins, Varicocelitis anywhere. It relieves pain and takes out inflammation promptly. A safe, healing, soothing and antiseptic. Pleasant to use—quickly absorbed into skin. Powerfully penetrating but does not blister under bandage nor cause any unpleasantness. For drug only required at each application. ABSORBINE, Jr., \$1.00 and \$2.00 a bottle at druggists or delivered. Book 3 G Free. W.F. YOUNG, P.D.F., 209 Temple St., Springfield, Mass.

HERE'S \$20 To \$45 From Galloway

Victor Sitts, of Holt, Mich., writes: "For quality you certainly make a price on your separator that is right, and I will say that I saved from \$25 to \$30 by ordering from you. I will always have words of praise for the Galloway." Let me show you how much I can save for you. I just want a chance to show you a cold cash saving of \$20 to \$45 on the cream separator at this big saving than if you pay agent or dealer the high prices they ask. No separator made can beat Galloway's Bath-In-Oil Cream Separator for easy turning, close skimming, quick cleaning—long service.

WRITE! and get the proof—the low price—30 to 90 days free trial—long guarantee, and you return it if not satisfactory, all backed by my \$25,000 Bank Bond.

My Free Catalog will open your eyes to the money-making advantage of a Galloway separator and give you valuable Dairy Information not found anywhere else. Also my new catalog on Galloway's general line.
Wm. Galloway, Pres., THE WM. GALLOWAY COMPANY
203AK Galloway Station, Waterloo, Iowa

WANTED

You and 9 or more others in your township to write for my special offer—based on placing 10 or more separators in every community. My prices are such as to make sure of the business. Answer quick.

Get My Price

And Long Free Trial

Get My Price

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Now



Dairy Farming

CONDUCTED FOR FARMERS MAIL AND BREEZE BY A. G. KITTELL.

This department aims to be a free-for-all experience exchange for our folks who keep milk cows. We are glad to hear from you often. A Mail and Breeze subscription and other prizes awarded each week for helpful or interesting letters or bits of dairy news.

Cement makes the best foundation for the separator.

Intelligent care of cows brings a liberal rate of interest.

Fed to hogs, skimmilk has been found to be worth 45 cents per 100 pounds.

There are, or should be, four sources of profit in the dairy business—butter fat, skimmilk, calves, and manure.

The great secret in keeping butter is to have it made right to begin with, then keep it cold.

Chilling the churn with cold water before churning will close the pores in

the entire plant, vine and nuts is an almost perfectly balanced ration for milk production, and is one of the best milk stimulation feeds, forcing cows to a high yield. This hay is rich in protein, containing more than 21 per cent of fat, is rich in mineral matter and laxative, the same as the best grade of alfalfa hay. The best results can, of course, be obtained by feeding the cow a variety of grains and roughage. Peanut hay from the entire plant makes a very soft butter, too soft for the market, but as cottonseed meal makes the butter too hard for the market the two could be combined to secure the exact consistency of butter desired in any section.

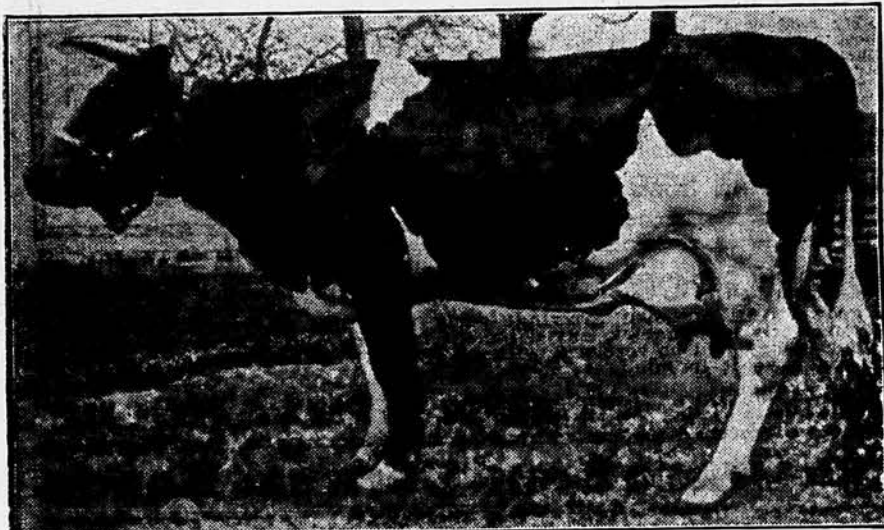
Hay from peanut vines or from the entire plant is very desirable in the dry farming sections to feed to dairy cows with milo, Kafir or sorghum, overcoming the constipating effects of these feeds and supplying an abundance of protein and oil that most dry farming feeds lack.

H. M. Cottrell.
Chicago, Ill.

A New Queen in Dairy World

RECORD OF AN OHIO HOLSTEIN.

All previous yearly records of butterfat produced by a single cow have been broken by a Holstein-Friesian cow belonging to Dan Dimmick of East Claridon, O. The cow's full title is Banostine Belle DeKol and her performance is



BANOSTINE BELLE, THE HOLSTEIN COW OF AN OHIO FARMER, WHICH NOW HOLDS THE WORLD'S RECORD FOR BUTTERFAT.

the wood and thus keep the cream from sticking to the sides.

The average milk cow will drink from 80 to 100 pounds of water per day and the more we can induce her to drink the better for the milk flow.

It is a good plan to coax the young cow to a long milking period to keep her from forming the habit of going dry too early. Keep on stripping and feed bran mashes.

Any change of feed for cows should be made gradually. It is best to give some dry feed even after cows are on grass a week or two. Early grass is not very nutritious.

Peanuts as a Milk Feed.

Mr. Editor—Hay made from the Spanish peanut vines has a value equal to that of the best clover hay as a feed for milk production. Hay made from

vouched for by Prof. Oscar Erf of Ohio Agricultural college, under whose supervision the record was made. Only one cow has ever exceeded Banostine's milk record. The official records of one week, one, two and three months, respectively, and of the full year, follow:

Days	Milk, lbs.	Butter fat, per cent.	Butter fat, lbs.
7.....	672.5	3.67	24.697
30.....	2,828.0	3.50	98.987
60.....	5,505.0	3.53	194.053
90.....	7,856.8	3.61	283.543
365.....	27,404.4	3.86	1,058.34

If made into butter her butterfat for a year would equal slightly more than 1,322 pounds or more than 3½ pounds per day for 365 days. The cow is 5 years old and the record was made following her third calf. She was not dry at all before freshening in this instance. She is a strong, vigorous cow with a wonderful capacity and will weigh about 1,600 pounds. During the time she was in the test she received more or less alfalfa and silage practically all the time. Roots or beet pulp and a grain ration of which bran and oats formed the basis, were fed her in varying quantities according to the condition of the cow. At first her grain ration was gradually brought up to 25 pounds per day, but later was reduced as low as 9 pounds. The estimated average of grain fed was 12 to 14 pounds daily. When available she also received green corn with the stalks, green clover and other green feed in season, including pasture.

Safe Place for the Milk Pail.

Mr. Editor—I find it very convenient to have a hook suspended from the ceiling in the cow stable on which the milk pail may be hung up out of the way of dirt, danger of upsetting and where cats and chickens cannot get to it. Fasten a wire or chain to a beam overhead with a stiff hook on the lower end. When not in use the hook may be hung out of the way.

O. B. Smith.

Carneiro, Kan.

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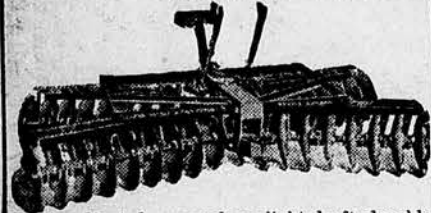
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Ten Eyck's Replies

TO FARM QUESTIONS

Conducted for Farmers Mail and Breeze by
A. M. TenEyck, Superintendent Fort Hays
Branch Experiment Station, of Kansas
Agricultural College, Hays, Kansas.

Soaking Corn Before Planting.

Would it be advisable to soak seed corn for a few hours before planting, when the ground is sufficiently wet, so that corn can begin to grow at once?—M. K. Dorrance, Kan.

I think not. First, because the soaked corn will be difficult to plant. Second, it is more apt to mold and rot than if planted dry without soaking. Third, there is no particular advantage in planting corn which has started to sprout, since if the soil is in favorable condition, the dry seed will sprout quickly enough, and if the soil is too cold or dry the forcing of the sprouting may result in the death or weakening of the sprout or the young plantlet.
A. M. TenEyck.

Planting Cowpeas for Hay.

Which is the better way to plant cowpeas for hay, by listing them or drilling them—taking off every other disc from the drill? I have the Whippoorwill peas.—A. C. Gentry, Okla.

Cowpeas planted in drill rows 12 to 16 inches apart are too close together to cultivate and too far apart to grow without cultivation, since the wide space between the rows will allow the weeds to grow. Either plant cowpeas in rows wide enough to cultivate, 3 to 3½ feet apart, or else in close drills 6 to 8 inches apart. In your part of the state, north-eastern Oklahoma, I should prefer the method of planting in shallow listed furrows and cultivating. I am mailing circular letter on rape and bulletin on cowpeas.
A. M. TenEyck.

Conditions That Favor Suckering.

It is said that anything that checks the growth of corn tends to produce suckers, especially cold weather, or too wet or too dry. How would it do to plant corn a little later and plant with the seed a little sodium nitrate, which is said to supply food to the young plants even in the cool weather of the spring? Farmers in Bohemia make similar application to the seed of sugar beets.—M. K. Dorrance, Kan.

The slow growth of corn in the spring followed by very favorable growing conditions will cause corn to sucker. Also corn suckers more freely in a very fertile soil. I think it is often true that late-planted corn does not sucker so much as the same variety planted earlier. The application of sodium nitrate should cause a more vigorous early growth of the corn and might result in a larger crop, but I doubt if it would have any effect in preventing suckering. In fact the fertilizer may favor suckering by causing a ranker growth.
A. M. TenEyck.

Grasses and Clovers for a Slough.

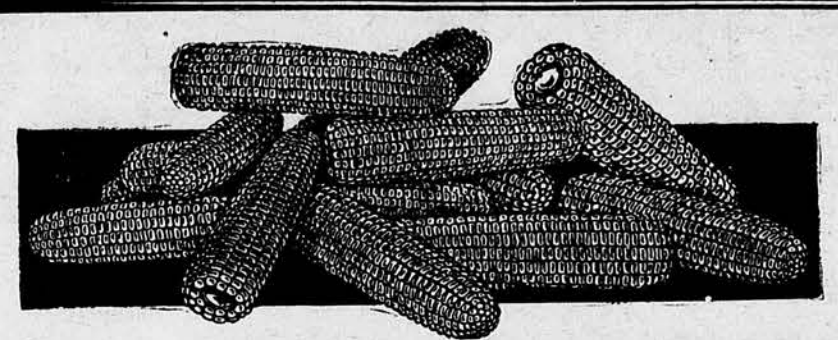
What should be planted in a slough in this section for permanent cow pasture?—O. R. H., Washington, Kan.

Try a combination of redbud, Kentucky bluegrass, Alsike clover and White clover in the slough, for permanent pasture, sowing 10 pounds of each of the grasses with 5 pounds of Alsike and 1 pound of White clover per acre. If the slough is well drained it may be better to use some orchard grass and English bluegrass, 6 to 8 pounds of each with 4 or 5 pounds of redbud, and the amount of bluegrass and clover named. It will be necessary to prepare a good seedbed to get a stand of these grasses, and sow as early in the spring as the soil is workable. I am mailing Bulletin No. 175 on Grasses.
A. M. TenEyck.

Making Kafir-Cowpea Ensilage.

I am wanting to plant Kafir and cowpeas so they will be ready to put in the silo at the same time. We list our corn here. Can I plant both on the same piece of ground or must I use separate fields? If I plant the peas on separate ground, would it be all right to mow them a day previous to filling the silo, and bunch them, or would they cure too much?—J. E. W., Wellington, Kan.

Plant Kafir and cowpeas in separate fields. The two crops do not grow well together. The Kafir is too rank a grower and will dwarf or smother the cowpeas. You may plant a rather late-maturing variety of cowpeas, such as Clay, Ironclad or Crowder, at about the same date as Kafir, about the last of May or first of June. Or plant an earlier maturing variety of cowpeas, such as Whippoorwill or Blackeye, two weeks later than the Kafir. The New



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FARMERS MAIL AND BREEZE, Rose Dept., 801 Jackson St., TOPEKA, KANSAS

Era cowpeas should be planted three to four weeks later than the Kafir that the cowpeas may reach the proper stage of maturity for silage when the Kafir is ready to cut. The cowpeas are ready to harvest for hay or silage just as the first pods turn yellow. The Kafir should be in the dough or, it may be cut for silage even when the seed is nearly mature. The cowpeas may be mowed in the afternoon of the day previous to siloing, but it is not advisable to leave the fodder in the swath or bunch long after cutting, before siloing, since the leaves will pump the water rapidly out of the stems, and in hot, dry weather the leaves may become dry and the fodder too much cured to pack well in the silo.

If the cowpeas and green Kafir are put into the silo at the same time, in alternate loads, the slight curing of the cowpeas should not cause any bad effect. The plan should be to silo these crops with as little curing as possible. However, Kafir may lie in bundles a day without curing much, and if cowpeas are raked and bunched quickly after mowing the fodder will not lose a great deal of moisture in 18 to 24 hours.

A. M. TenEyck.

Seed the Alfalfa This Fall.

I have a field I wish to seed to alfalfa this spring. The ground is covered with a heavy coat of crabgrass. Should I burn this off and disc the ground, or turn it under by shallow plowing?—G. M., Westmoreland, Kan.

It will not be advisable to seed this foul land to alfalfa this spring. The crabgrass will be almost sure to smother the alfalfa, or a dry period with a thick growth of weeds on the ground will kill the young plants. If you do seed this ground this spring burn off the grass and prepare the seedbed by disking and harrowing. If you plow there will probably be just as many weed seeds in the furrows, and besides the soil will be too loose. Then the trash turned under will break the capillary connection and cause the surface soil to dry out.

A plan which will more surely give you a good stand of alfalfa and a crop in 1913, is to prepare the seedbed by a summer fallow with sufficient cultivation to destroy the weeds, and seed alfalfa early next fall, about the first of September. In your part of the state and in such a clean, well prepared seedbed, you will be almost sure to get a good stand of alfalfa from early fall seeding, and the resulting crops in 1913 are likely to be larger from the fall seeding under the conditions named, even though by chance the spring seeding should make a stand.

It will be possible to crop this land with oats or millet or cowpeas, or you may plant early corn and take it off early for fodder and put the soil into fair condition for early fall seeding of alfalfa, if the fall is favorably wet, but such a plan would result in failure in a dry fall.

A. M. TenEyck.

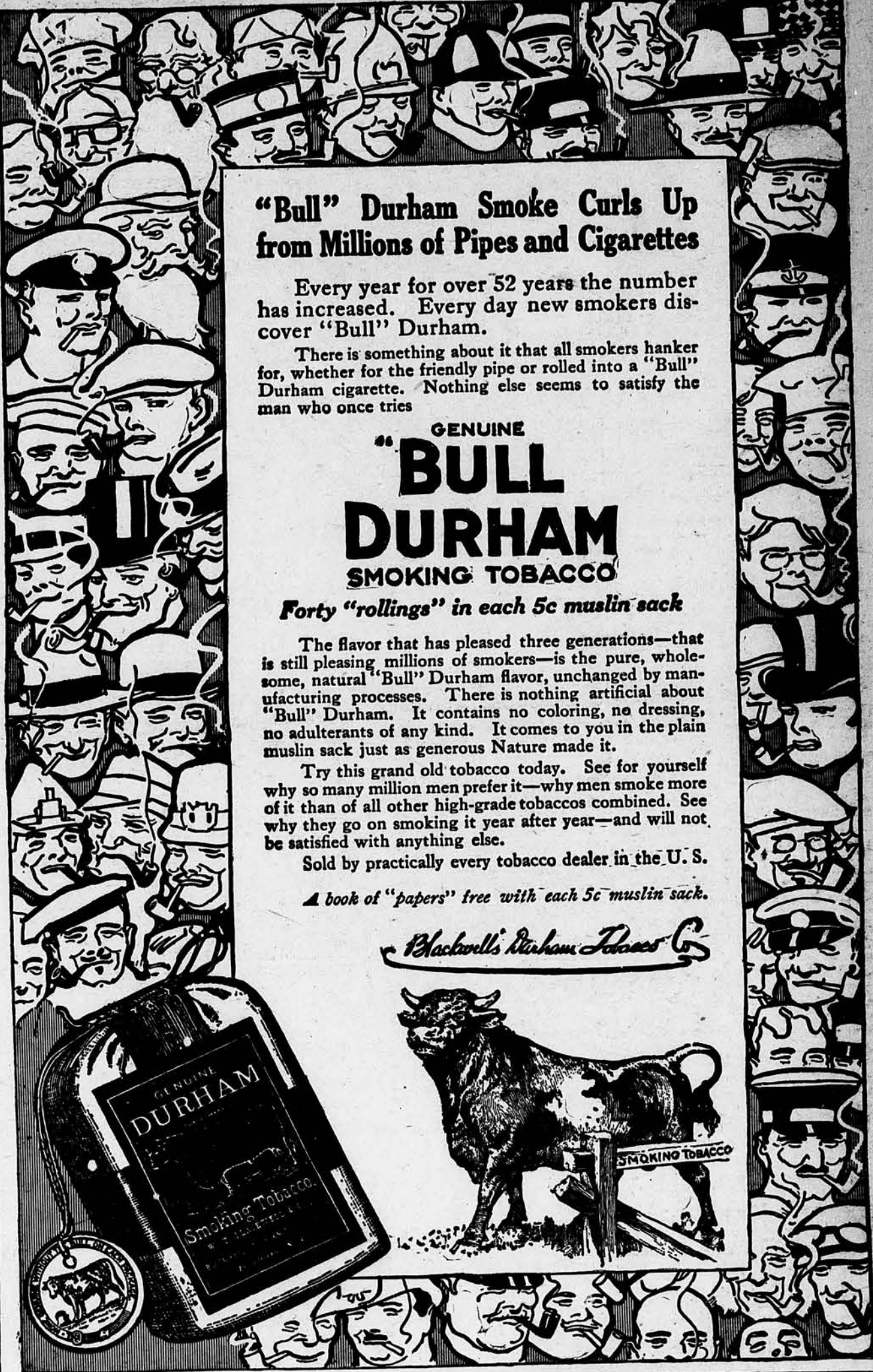
Improving Old Prairie Land.

I have a piece of prairie land that has been under cultivation for 30 years and is getting rather "sad" and "gummy." I plowed it early and double disked and sowed wheat last fall. The wheat has winter killed and now I wish to seed Sweet clover. Would I be wasting alfalfa seed to mix it with the Sweet clover and expect the alfalfa to make a crop after the Sweet clover is gone?—W. C., Canton, Kan.

You may be able to start Sweet clover by sowing early in the spring on this land where the wheat has winter-killed. Do not loosen the soil too deeply—harrowing may be preferable to disking. It may be difficult to start Sweet clover in this hard, soggy land which you describe.

I believe a better plan will be for you to plow this land 7 or 8 inches deep early this spring, then disc and harrow it at intervals to destroy all weeds and put it in good seedbed condition, and plant cowpeas about May 25. Cowpeas are a legume crop well adapted for growing in McPherson county. This crop will greatly improve the tilth and fertility of the soil, and put the land in condition to seed to Sweet clover or alfalfa in the fall of 1912 or the spring of 1913. The deep plowing and cultivation to destroy weeds also will be a benefit to the land. I am mailing Bulletin No. 160, giving information regarding the culture of cowpeas.

Sweet clover is nearly as hard to start as alfalfa. I would not advise to mix the two, because the alfalfa would not make a full stand and would be of little value after the Sweet clover was gone. Your county is well adapted for growing alfalfa, which is a much more valuable



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crop than Sweet clover where it is well adapted for growing.

Such land as you describe may be greatly benefited by manuring, also by plowing a crop under for green manure. It probably also needs deeper plowing.

A. M. TenEyck.

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CROPS and FARM WORK

Wind and Warm Weather Have Baked Ground Surface and a Hard Crust is Retarding Growing Crops—Soaking Rain Would Bring Relief—Varied Reports on Growing Wheat, But Condition of Crop as a Whole Not Considered Serious

(Crop Reporting Service of Farmers Mail and Breeze.)

Although spring opened up with ground thoroughly soaked with moisture, a good rain would come in mighty handy just now for the benefit of the surface crust that has formed since the snow passed off. Mud to begin with, and two weeks of drying weather have baked the top 2 or 3 inches of soil and this

Saturday, April 27, our crop reporters are requested to make a special report on winter damage and spring condition of wheat, 100 per cent to represent a perfect stand.

condition is making it hard for wheat and other fall sown crops to develop properly. A good many farmers have gotten out into the fields with harrows, the last week or two, to break up this crust. There is still plenty of moisture in the soil beneath.

Wheat prospects constitute the all absorbing farm topic of discussion these days and the incoming reports vary all the way from 50 to a 100 per cent stand. The government reported a condition of 85 per cent for Kansas for April 1 as against 75 per cent for the same date last year and 84 as the 10-year average. Here are a few sample comments direct from the farm neighborhoods of our crop correspondents, giving the conditions prevailing April 12 and 13 in Kansas counties:

Norton—"Early wheat shows a condition of about 100 per cent, late sowings 75 per cent."

Chautauqua—"Wheat very poor and as much as half will be plowed up."

Smith—"Wheat looking very well."

Stafford—"Wheat looks well except where blown out last fall."

Kiowa—"Much wheat on sandy land lost by blowing out or freezing."

Jewell—"Wheat has gotten a No. 1 start."

Saline—"Growing wheat is in excellent condition."

Barber—"Wheat never looked better."

Russell—"Wheat is green but some fields are badly spotted."

Leavenworth—"Wheat looks good and none will be plowed up."

Clay—"Wheat is undoubtedly half ruined."

Rawlins—"Stand of crop is about 90 per cent."

Montgomery—"Average condition is low."

Ford—"Some early sown fields show a poor stand. Late sowings coming out nicely."

Crawford—"Wheat is looking well."

Sumner—"Growing wheat showing up fine."

Anderson—"Wheat is looking fine."

Doniphan—"Wheat damaged more than 50 per cent."

KANSAS.

Crawford County—Oat sowing is in full blast but the acreage will be small. No corn planted yet. Wheat is looking well and pastures are starting. Hay is scarce. Corn 70 cents.—H. F. Painter.

Chautauqua County—Corn planting in progress now. Plenty of rain. Wheat very poor and as much as half of it will be plowed up and put in corn and oats. Everybody late with farm work.—Mrs. Elmore Lounsbury.

Kiowa County—Much wheat on sandy land has been lost by blowing out or freezing. This will mean a larger acreage of corn especially since late spring was not favorable to sowing oats or barley. Corn 75 cents, eggs 16, butter 25.—H. E. Stewart.

Farmers County—High winds are drying out the ground. Rain is needed to soften the hard surface crust caused by heavy snows. Seeds are high priced and scarce. Wheat \$1.03, corn 80 cents, kafir 90, Amber cane seed \$2, eggs 17, butter 30.—P. G. Haney.

Saline County—Growing wheat is in excellent condition and a bumper crop is expected. Everybody busy sowing oats or getting ready to plant corn. Rain is needed. No alfalfa hay to be had. Prairie hay \$22, corn 82 cents, eggs 16.—Geo. W. Holt.

Leavenworth County—Wheat looks good and none will be plowed up here. About the usual acreage of corn will be put out. Pastures are green and will be stocked about May 1 or before. Hogs are scarce and

cattle high. Wheat \$1, corn 85 cents, eggs 17.—Geo. L. Marshall.

Doniphan County—Wheat damaged more than 50 per cent by winter killing. What is left needs rain as ground is hard on the surface. Oat seeding about finished. This county will have very few hogs to sell during the next year. Spring pig crop very small.—C. Kulp, Jr.

Montgomery County—Farmers are busy sowing oats and planting corn. Some oats are up. Average condition of wheat is low. Some fields look fair. Alfalfa doing fine except that sown last fall. Cattle are on pasture and doing well. Feed about cleaned up.—J. W. Elkenberry.

Russell County—Weather has been very windy lately. Wheat is green but some fields are badly spotted. Grass is starting well but some thin stock yet. Farmers are busy preparing for spring crops. Wheat \$1, potatoes \$2.25, corn 85 cents, butter 25.—Mrs. Fred Claussen.

Greeley County—Weather dry and windy. Lots of moisture in the ground but it is drying out fast. Barley and oat sowing are the order of the day. Stock is enjoying warm weather and some are doing fairly well on grass but most of them are still being fed some grain.—E. L. Partington.

Stafford County—Spring work is on in full force. Small crop of oats put out. Wheat looks well except where blown out last fall. Alfalfa beginning to show up nicely. Good mules and mares in good demand. Scrub horse stock low. Fruit reported to be all right.—S. H. Newell.

Rush County—Corn planting has begun. Oats about all sown. Fields are crusted. Apples and cherries promise a bumper crop. Some improved wheat farms are selling at \$30 to \$50 per acre, unimproved \$20 to \$30. Seed corn \$1.50, seed potatoes \$2, eggs 15 cents, butter fat 26.—J. F. Smith.

Smith County—Wheat looking very well but ground is baked hard and is full of cracks. Rain would be a great help. Alfalfa starting out fine. Farmers are disking corn ground and harrowing wheat. Hay \$10 to \$15, wheat 95 cents, corn 75 to 80, eggs 16, butter 21, cream 27.—A. J. Hammond.

Barber County—Fine growing weather in April so far. Wheat never looked better. Pastures are greening up and weather is fine for starting alfalfa. Oats were sown about three weeks later than in 1911 and the acreage is smaller. Seed potatoes \$2, corn 76 cents, kafir 64, eggs 15.—G. H. Reynolds.

Lyon County—Grass growing fast and will have plenty of tame pasture by April 20. Prairie will be ready by May 20. Oat acreage not large. Some fields of late fall sown alfalfa were winter killed. Highest price paid for hay here this winter was \$20, for corn 75 cents.—E. R. Griffith.

Sumner County—Growing wheat is showing up fine. Farmers are greatly encouraged by prospects of bumper crops of all kinds. Not much of an oat acreage out. Large acreage of kafir will be planted. Hay and other feed very scarce and high in price. Hogs dying with swine plague.—H. C. Moore.

Rawlins County—Ideal weather for farm work and farmers are busy getting in oats and barley. Wheat needs a little rain as the crust is rather hard and late sowings are coming through slowly. Some wheat was blown out by high winds April 12. Stand of the crop at present is about 90 per cent.—J. S. Skolout.

Ford County—Weather warm and windy. Farmers about through with oat and barley seeding and are disking for corn. Wheat fields are badly crusted and a good rain would be a big help. Some of the early sown wheat shows a poor stand. Late sowings coming out nicely. Stock is healthy. Wheat \$1.02, corn 89 cents, cream 26, eggs 15.—John Zurbuchen.

Norton County—Early wheat shows a condition of about 100 per cent, late sowings 75 per cent. Fields are being pastured by many which comes in handy. Heavy snows left ground in poor shape for the crop. Large acreage of oats put out. Prairie hay \$20, cane hay \$13, potatoes \$2, oats 63 cents, corn 85, millet seed \$4 per 100 pounds.—Sam Teaford.

Clay County—Wheat in this county is undoubtedly half ruined and much that will be left had better be plowed up. Oats are being put into some wheat ground and more will be planted to corn. Hay and all roughness is very scarce. Many farmers are feeding straw. No farmer can afford to buy hay at present prices. Wheat \$1, corn 70 cents, oats 65, kafir \$1.—H. H. Wright.

Jewell County—Alfalfa is about 3 inches high and grass is starting fine. A good soaking rain (April 12) put the ground in fine shape for spring crops. Corn planting will begin next week. Lots of windy weather. Wheat has gotten a No. 1 start this spring. More road drags used this spring than ever before. Hogs \$7.25, corn 77 cents, butter fat 29, butter 20, eggs 16.—S. C. DePoy.

Washington County—Weather is favorable to farm operations and farmers are on the jump to get in spring crops. Considerable corn planting done and all will be in by next week. Pastures afford good grazing and some have turned out stock. Small acreage of oats put out. Wheat coming out in fine shape. Good prospects for fruit. Feed exorbitantly high but grass will bring relief.—J. M. Brubaker.

Sherman County—A hard crust has formed on the surface of the ground and must be harrowed or disked ahead of the drill for spring seeding. Top moisture is badly needed. Winter wheat came out fine but is

now encased in the hard crust except where the ground was harrowed. Many failed to harrow. Stiff wind has been blowing for several days and hope to have rain soon.—J. B. Moore.

Anderson County—Farmers are busy these days. Oat sowing, potato planting and gardening are in order. Wheat is looking fine and alfalfa is making good growth. Bluegrass pasture getting good and some have turned stock into it already. Most of clover was winter killed. Very little timothy left but what there is looks well. Prairie starting off slowly. Potatoes \$1.20, corn 70 cents, seed oats 65, eggs 16, butter 20.—G. W. Kiblinger.

OKLAHOMA.

Beaver County—Fine weather now and wheat is growing fast. Large crop of oats put out. Stock is in fair shape. Broomcorn \$40 to \$90 per ton, potatoes \$1.90, butter 20 cents, eggs 14, kafir 58.—M. B. Edwards.

Kingsfisher County—Fine spring weather with light showers recently. Wheat, oats and spring sown alfalfa doing fine. Old alfalfa 8 to 10 inches high. Grass is coming on slowly. Corn planting in full blast. Corn 86 cents, kafir chop \$1.45 per 100 pounds.—H. A. Reynolds.

WORLD'S GREATEST SEED CORN—"GRAND CHAMPION" WHITE. TWO POUNDS FREE TO EACH SUBSCRIBER.

I am going to give free to my subscribers a limited quantity of the world's purest and best seed corn—"Grand Champion" White—grown from the bushel which was awarded first prize at the Omaha Corn Exposition, Omaha, Nebraska, and for which I paid \$280.00 cash.

I gave some of this seed corn to Mr. H. V. Cochran, one of the most expert seed corn growers in America, and the seed which I offer here was grown from the prize bushel and you will find it the equal of the original bushel, which brought perhaps the highest price ever paid for a bushel of seed corn.

The corn is a large pure white, deep grain, matures in less than 100 days and is an extra heavy yielder.

I have had this "Grand Champion" corn put up in one pound packages, all ready for mailing.

As long as my supply lasts I am going to give it away on these very attractive offers: Two pounds of corn and a year's subscription (new, renewal or extension) to Farmers Mail and Breeze—for \$1.00 I will also give you two additional pounds for each new yearly subscription you send me, other than your own, at the regular rate of \$1.00 a year.

You pay nothing for this corn—it is mailed to you, postpaid, as a free gift for your own or your neighbor's subscription to The Mail and Breeze at the regular rate—2 pounds with each yearly subscription.

I have only a very limited quantity and can secure no more at any price when this supply is gone. Send your subscription or renewal at once. If too late, I will notify you and return your money.

Address, Arthur Capper, Publisher Mail and Breeze, Topeka, Kansas.

CORNS RELIEVED WITH OLD SHOE CORN RELIEF
A 25c bottle will be sent for 12c stamps. Introductory offer. Only one bottle to a person. Satisfaction or money refunded. SWAMPLAND MEDICINE CO., Dept. C, ADA, OKLA.

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ANYBODY CAN LAY IT.
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TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.
Indestructible by Heat, Cold, Sun or Rain.
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Our wall telephone, No. 2595, is built especially for the farmers' telephone line. Experience has proved it unequalled for sure signaling, clear talking, years of hard service. Our price is \$10.18. We will ship this phone to you same day we receive your order. This is complete with standard five-bar generator, loud and long distance transmitter. Every part complete and ready to use. You can put this phone on the cheap "mail order" plan. Not to be compared with wall and talk immediately. Our bulletins explain plainly all about farm line building and connecting the telephone. We will help you by prompt, careful shipment, order today. If you want more detailed information, write us. Please mention this paper. Bulletins sent prepaid by first mail.
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Largest Independent Telephone Mfg. Plant in the World.

You Can Raise Big Crops of Alfalfa on St. Stephen Irrigated Land.

It's the banner alfalfa land of the United States—you can get 5 or 6 cuttings a season and sell all you raise for \$20 to \$25 a ton. The rich soil—a deep, black loam—makes equally profitable yields of grains, fruit and garden truck. With an abundance of pure, sweet water for irrigation purposes, a splendidly healthful climate and located on one transcontinental railway with another building this land is not excelled in America. It's selling rapidly—one-fourth down and the balance in three years. Come and see it—your expenses while on the property will be paid and the round trip from Kansas City the first and third Tuesdays of the month is only \$32.50. Send a postal today for free, illustrated book telling all about it.

GREEK & KELLEY,
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LACE CURTAINS FREE

Finest Curtains ever offered; large, full-sized, beautiful Nottingham Lace Curtains, 2 1/2 yards long, with elegant patterns, hand-some borders and firm well finished edge. All I ask of you is to send your name and address at once. I then send at charges paid, six packages of beautiful highly colored silk and gold embossed Post Cards, all different, to distribute by my special plan at 25c each. When post cards are distributed send me the \$1.50 collected and I will send you at once these handsome curtains without one cent of cost. Don't delay. Address: CURTAIN CLUB, Dept. 24, Household Bldg., TOPEKA, KANSAS.

POCKET KIT

47 PERFECT-PRACTICAL TOOLS FREE

In handsome nickel-plated case, pocket size, for pocket, desk, home, automobile or shop. All of fine steel. A 20th Century marvel.
Some of the 47 Tools:
Hammer, Screw Driver, Chisel, Corn Knife, Dividers, Two-sizes, Compass, Saw, Protractor, File, Round File, Rule, Bevel, Universal Chuck, Tool Handle, T Square, Tri Square, Scratch Gauge, Depth Gauge, Rule Gauge, Slide Caliper, Beamer, Countersink, Bradawl, Harness Awl, Scratch Awl, Straight Edge, Ink Eraser, Tack Claw, Nail Set, Center Punch, Bag Needle, Sail Needle, Button Hook, Spatula, Scraper, Sillito, and ten others.
Send just \$1 to pay for a year's subscription to Mail & Breeze and enclose 25c extra to pay mailing expense—\$1.25 in all—and get these 47 tools free. Money back if not satisfied.
Mail and Breeze, Dept. 47-T, Topeka, Kansas.

Another Caterpillar Outbreak

T. J. HEADLEE—J. W. MCCOLLOCH.

Mr. Editor—It seems likely that southern Kansas from Sumner county east may this spring and summer experience another outbreak of the forest tent caterpillar. The egg masses now coming to the Agricultural college show that from 50 to 70 per cent of the eggs contain tiny living worms ready to hatch with the advent of mild weather. This is the creature that during the month of May last year overran the farms in many parts of southern Kansas. This spring far more worms will start directly in the orchards and on shade trees than last year.

The egg masses laid in June and July by last summer's brood, are found as ring-like bands about the smaller twigs of fruit, forest, and shade trees. These rings have abrupt edges, while those

of the apple tree tent caterpillar form a gentle incline from the level of the egg masses to the twig on which they are placed. Before the caterpillars hatch the egg masses in reach on fruit and shade trees should be killed by pruning off, and by spraying the foliage of infested trees with lead arsenate just as soon as the foliage emerges sufficiently for the worms to feed upon it. The spraying should be thoroughly done with arsenate of lead mixture made up at the rate of from 3 to 5 pounds to 50 gallons of water.

When the caterpillars that have been undisturbed on neighboring plantings begin to migrate, the trunks of protected trees should have a thick strip of cotton batting tied about them and that part of the batting above the string turned down and allowed to hang loosely. A broad, thick band of tree tangle-foot spread on tough paper and fastened tightly about the trunk of the trees will serve the same purpose.

Later in the season, between the time that the caterpillars disappear and the moths emerge, the numbers of the pest can be greatly reduced by systematic collection and destruction of the cocoons.

Manhattan, Kan.

Cleaning the Cane Seed

TWO SIMPLE METHODS.

[Written for Farmers Mail and Breeze.]

Mr. Editor—Select good, dry cane heads and rub out with the hands. Then take a half gallon bucket with a tight lid and with an 8 or 10-penny nail punch the bottom full of holes. Put the shelled cane seed in until the bucket is half full, then put lid on tight and shake well. The seed will come through the holes and all dirt and trash will stay in the bucket. This may go a little slow but it beats cleaning by hand.

Bliffton, Mo. Michael J. Coleman.

[Another good way is to "float" the bad seed. By throwing a small quantity of the seed at a time into a tub half full of water the plump heavy seed will sink and the light seed may be skimmed off the surface of the water.—Ed.]

Here's a Good Stripper.

Mr. Editor—Take a piece of old barrel hoop something more than 1 inch wide, and bend two pieces as Fig. 1.

Then get a round stick 1 1/2 feet long; an old hoe handle or fork handle is best. Flatten one end a little and nail the two pieces of hoop to it, and your stripper is complete. The iron pieces should be far enough apart that the top of the stalk will go in; as it goes down all the leaves will drop off. It works much faster than stripping leaves by hand.

Oldenburg, Tex. Jesse Lenert.

LATEST KANSAS MAP FREE

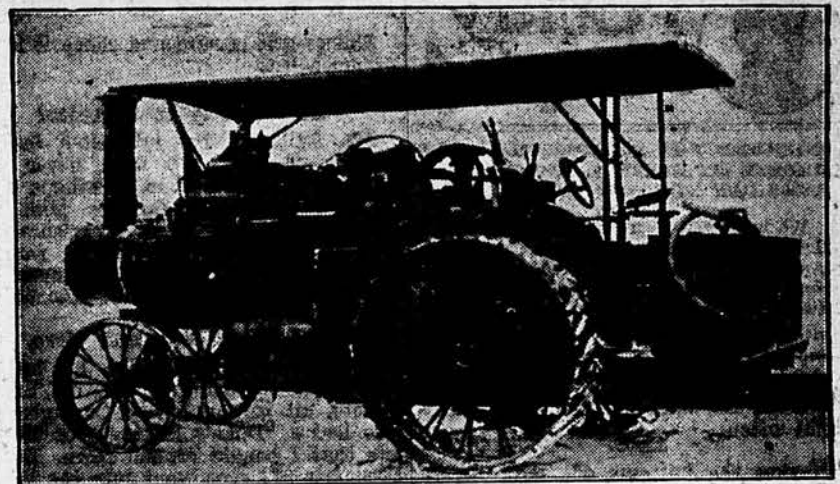
You can get one by writing the Farmers Mail and Breeze.

For the purpose of quickly securing new and renewal subscriptions to the great Kansas weekly, the Farmers Mail and Breeze, that paper has made arrangements to give away 5,000 of the latest official wall maps of Kansas and United States with the 1910 census complete.

This home, or office, library wall map is now the latest and best map of Kansas and United States to be had at any price. It is 28x36 inches in size, splendidly colored with beautiful half tones on the heaviest enamel paper. It shows the newest railroads and every postoffice and contains a complete index of the population of every city or town in the State.

There are, in addition, many other new and valuable features included in this chart. All of them copyrighted and controlled exclusively by Arthur Capper.

We are making a special offer on this wonderful wall map as follows: Send \$1.00 for one year's subscription, new or renewal, to the Farmers Mail and Breeze and one of the valuable 1910 census wall maps is yours. Or if you are already a paid in advance subscriber to the Farmers Mail and Breeze, secure the subscription of a friend who is not now receiving the paper and send it to us with fifteen cents extra to pay cost of mailing, and we will send two wall maps; one to your friend and also one to you for securing the subscription. Address at once, Map Dept., Farmers Mail and Breeze, Topeka, Kansas



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A careful investigation of the Aultman-Taylor traction engine will convince the most skeptical that it is the best traction engine built for heavy duty purposes. Its independently mounted engine and excellent boiler are two features appreciated by all users of this class of machinery. Gears are made especially strong, full length live axle, cast iron smoke stack, convenient and durable hitch.

If space would permit, we could tell you many superior points of the Aultman-Taylor—points that mean money to operators of this class of machinery. Call at our near branch or write to

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WATER WORKS \$37.80 FOR COUNTRY HOMES

EVERYTHING KNOWN IN
PLUMBING GOODS
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MISSOURI WATER & STEAM SUPPLY COMPANY
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WHAT WOULD TWO WEEKS OF RAIN DO TO YOU?

You'd probably be unable to get into your fields for ten days or two weeks after; in some instances it would mean the loss of almost an entire crop year. What would that mean to you in dollars and cents?

You can avoid that very danger this season and for all time to come at very small cost; in a great many cases the cost of tilling would be saved in one year. Right today you can buy the most durable and serviceable of drain tile (Dickey hard burned) at very favorable prices with shipment the day you order. A postal card or a telephone message will bring you full particulars—quick. Do it right now while you think of it.

W. S. DICKEY CLAY MFG. CO.,
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Steel Mills	\$12.75	We make many sizes of Mills, Tanks, Pumps and Gasoline engines: satisfaction or no sale. You will save money if you investigate. Catalogue Free. The Ottawa Mfg. Co., 604 King St. Ottawa, Kansas
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How to Entertain Book with 250 Jokes and Riddles, 73 Toasts, 67 Parlor Tricks, 8 Fortune-telling Secrets, 52 Money-Making Secrets, 22 Funny Readings. All 10c Postpaid. J. C. Dorn, 709 So. Dearborn St., Dept. 67, Chicago, Ill.

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Set 24 pgs. bluing at 10c a pkg. and receive free, pair skate, doll, watch, air rifle, baseball outfit or football. Write today. The Free Supply Co., Cincinnati, O.

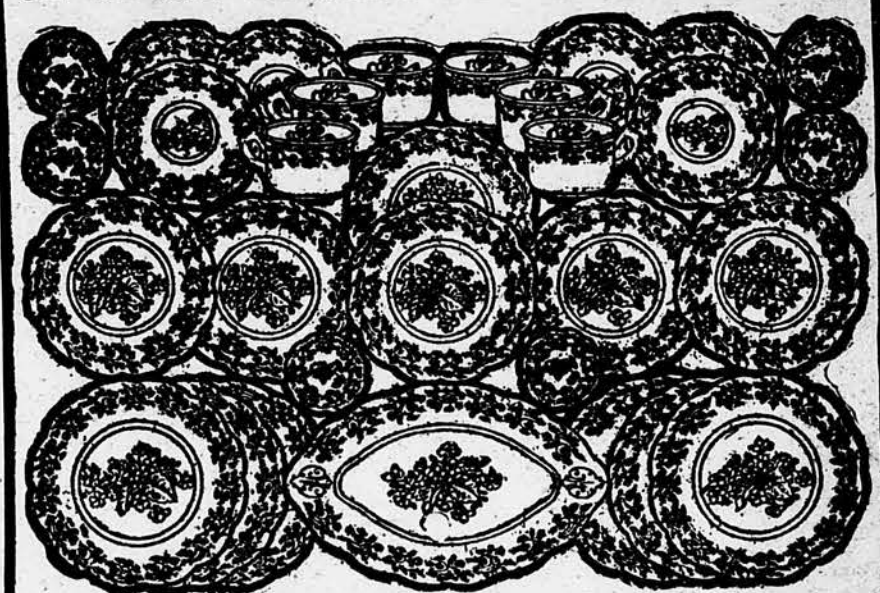
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to operate and repair automobiles in our fully equipped shop, giving training in vulcanizing, drill press and lathe practice, qualifying you in six weeks. Address **LINCOLN AUTO SCHOOL, 2350 O St., Lincoln, Neb.**

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Don't break your back and kill your horses with a high wheel wagon. For comfort's sake get an **Electric Handy Wagon**. It will save you time and money. A set of Electric Steel Wheels will make your old wagon new at small cost. Write for catalogue. It is free. **ELECTRIC WHEEL CO., Box 28, Chicago, Ill.**

Any Woman Can Win This 31-PIECE DINNER SET FREE!



JUST SEND ME YOUR NAME—NO MONEY!

I want the name of every woman who would like to win, absolutely free, a handsome full sized, 31-Piece Violet Decorated Dinner Set by doing me a small favor. I am going to give away, AS PRIZES, 450 of these beautiful Dinner Sets on a plan which is so simple and easy that any woman or girl can win one in half a day. There are 31 full sized pieces in the set; each piece is decorated with a cluster of beautiful BLUE VIOLETS, surrounded by GREEN FOLIAGE, and around the edges is a LOVELY TRACING OF PURE GOLD; the ware itself is pure white, absolutely first grade and flawless. But please don't think that the above illustration gives you any idea of the real beauty of these dishes. Send for my free offer today, and I will then mail you a LARGE PICTURE of the entire set, illustrating EACH PIECE in all its magnificent colors of BLUE, GREEN and WHITE, showing you just how the set will look when you take it out of the box in your own home. Just your name and address on the Coupon printed below will bring it to you, and then you can judge for yourself if I am not offering you the handsomest and daintiest set of dinner dishes that you ever saw in your life. Remember, I have only 450 of these Dinner Sets to give away, so you must act quickly if you want one of them. Send no money. Just your name and address on the Coupon is all that I want. Address at once,

MANAGER DISH CLUB, Dept. M. B., Topeka, Kansas

SIGN AND MAIL ME THIS COUPON TODAY!

MANAGER DISH CLUB, TOPEKA, KANSAS.

Dear Sir:—Please send me, free and postpaid, the Large Colored Illustration of the beautiful 31-Piece Violet Decorated Dinner Set, offered above, and also tell me how I may easily win the Set, absolutely free, as a prize.

My Name.....
Full Address.....

M. B.



Poultry Keeping

CONDUCTED FOR FARMERS MAIL AND BREEZE BY REESE V. HICKS, PREST. AMERICAN POULTRY ASSOCIATION.

We want you to talk chicken with us. Good short letters on poultry matters especially welcome. A year's subscription to Farmers Mail and Breeze is awarded each week for the most helpful bit of poultry experience, and for second and third best contributions subscriptions to other useful publications.

Change and burn the old nesting material often.

Having the bottoms of nest boxes lined makes it easier to clean the nests.

Ten drops of carbolic acid in a gallon of water for an occasional drink is a recommended preventive of disease.

The hen that fattens quickly and easily is usually not a good layer nor a breeder of good layers.

The smoother the perches the more easily they can be kept free from vermin. And have them movable.

A fumigation with burning sulphur will get rid of both vermin and disease germs in the poultry house.

A two-weeks' diet of cornmeal and skim milk will mean an extra profit on any culled out birds to be marketed.

One of our readers recommends cream of tartar for chickenpox; 1 tablespoonful in soft feed for each 12 fowls, two or three times a week.

Many a case of chick disease might be traced to the chilling they so often get in transferring the hatch from the incubator to brooder.

One of the main constituents in feed for ducklings should be bone making

Farmers Mail and Breeze As a Poultry Advertising Medium.

This is true about it, that it is the leader in its class, or in other words it carries more poultry advertising, and gives better results to poultry advertisers, than any other farm paper. It carries the advertising because it gives the results. The fact that its circulation is mostly in Kansas, the best territory in the country for the sale of poultry, eggs for hatching and incubators, doubtless accounts for its superiority as a poultry advertising medium, for this paper covers Kansas more thoroughly than any other farm paper covers a single state.

RECENT UNSOLICITED LETTERS FROM POULTRY ADVERTISERS.

The ad has done the work for me. Sold everything I had for sale and have today returned \$27.00 in checks, because all stock is sold.—J. A. Wells, Erie, Kan., Dec. 22, 1911.

If one has White Holland turkeys to sell and will price them right, he must not insert his ad in Farmers Mail and Breeze until he has coops made for every bird he intends to sell, because one man cannot make coops fast enough to ship all the birds the same day orders are received.—J. R. Cox, Plainville, Kan., Dec. 1, 1911.

I never got such a batch of inquiries and orders in so short a time as I got this fall.—Chas. J. Cook, Marysville, Kan., Dec. 15, 1911.

I advertised in eight different papers last spring and summer and I really believe that Farmers Mail and Breeze brought me as many customers as the other seven combined. It is truly a great advertising medium. At no time from February 20 to June 1, could I begin to fill all orders received. It was a rush all season with me.—Mrs. Clyde H. Myers, Fredonia, Kan., November 15, 1911.

During my eight years with S. C. R. I. Reds I find I have had better results from your paper, so will cling to the old reliable Farmers Mail and Breeze, as it always brings results.—Belle Tyler, Haven, Kan., Nov. 16, 1911.

I have carried a small ad for a number of years with you and have derived more benefit from it than from all other papers combined. Farmers Mail and Breeze is good enough for me.—Walter B. Meeker, Erie, Kan., Oct. 30, 1911.

Circulation 104,000 Each Issue Guaranteed.

Write for low, special, poultry rate to Farmers Mail and Breeze, Topeka, Kansas.

material. Young ducks are easily subject to leg weakness and rheumatism.

Unless grit is hard and sharp it is not of much use.

Does It Pay to Caponize?

Mr. Editor—I am interested in caponizing chickens but have never seen any of the work done. Perhaps some of the readers of Farmers Mail and Breeze have had some experience and will give us some information through the paper. Does it pay to caponize? Potwin, Kan. E. J. Hanstine.

Paid Their Way and More.

Mr. Editor—On December 1 I had on hand 24 hens coming 2 years old, and 54 pullets, all purebred Buff Orpingtons. I also had a "Duke's Mixture" of 36 pullets that I bought around town. During December 914 eggs went into the basket and in January the flock laid 1,018 eggs. It was the pullets that did most of the laying as none of the hens laid an egg during the first half of December and they laid very few in January. I think this a pretty good showing when one considers the severe weather of that period. We had snow on the ground from December 20 until February 1. Your special poultry issue of the Mail and Breeze was a dandy. Roy A. Thompson.

Ness City, Kan.

A Homemade Foster Mother.

[Prize Letter.]

Mr. Editor—Take an empty box 3 feet high, 3 feet long and 2 feet wide, or larger or smaller as the number of chicks demands. This size will be large enough for from 75 to 100 chicks until 3 weeks old. Nail cleats around the inside 3 inches from the bottom and make a frame to fit into the box. Tack gunny sacking or old carpet on the bottom for a hover, leaving it to sag so that it will touch the chicks' backs. Set this hover into the box and let it rest on the cleats. In the top of this box I have a hook on which to hang a lantern in cold weather when I have the hover raised for them to exercise. On sunny days I put a glass window frame in the front, let down the door and raise the hover and how they enjoy themselves scratching and eating. I feed the chicks nothing but dry oatmeal the first 10 days and rarely is there a case of bowel trouble. Since raising chicks in this way I have seldom had any die. Mrs. Ethel Metz.

Whitewater, Kan.

Broke Even on Duck Raising.

[Prize Letter.]

Mr. Editor—I had read so much about the profits to be made in raising ducks that I made a start last year. I got some settings of White Pekin eggs and about 3 dozen ducklings were hatched from them. I lost only two or three in raising them, for a duck is as good as raised when hatched if it gets half as much care as is usually given to chicks. One thing in their favor is that there are no lice to pounce on them as soon as hatched.

These ducks were hatched about June 1 and I gave 15 of them to a R. I. Red hen. She had no difficulty in hovering them until large enough so they did not need it. For the first two or three weeks I fed them a wet mash of bran and corn meal every two or three hours, gradually increasing the proportion of corn meal. Skim milk or buttermilk is excellent to use in the mash. Ducklings need to be fed early and late and they need feeding oftener than chicks. At every feed I give them water in a shallow dish. They should not be allowed to go into running water. These ducklings made very rapid gains in spite of hot weather and in 10 weeks they weighed 4 pounds each when I marketed them at 8 cents per pound. I found I had just about traded dollars for while the ducks made gains faster than chickens they also ate much high-priced feed. There are a few points in favor of ducks. They do not require as expensive housing and shelter as chickens, a low shed will do very well for them. They are easy to confine and a low fence a foot high will keep them in. Their feathers bring nearly as much as goose feathers. As compared with geese ducks require more grain as they cannot depend on grass as much as geese.

The Pekins need not be raised near a stream but I believe they would do bet-

ter if they were, as they can get much of their food in that way.

R. I. Parsons, Kan.

R. B. E.

About Indian Runner Ducks

BY MRS. CLYDE MYERS.

[Written for Farmers Mail and Breeze.]

There is much inquiry this season from poultry readers of Farmers Mail and Breeze for knowledge about these ducks. Mrs. Myers has written for us this account of their habits and history, much of it being based on her own experience with these fowls.—Editor.

No fowl is creating quite as much interest among poultry people just now as the Indian Runner duck. They were introduced into England about 30 years ago from India and have become popular on account of their egg production and meat, which has a "gamey" flavor. On account of their rapid movements and peculiar upright carriage they were called the "Indian Runners." They were first imported to this country about 1890, and are fast gaining in popularity here.

These ducks are long and slim in body, with long, narrow necks and small heads. There are three varieties, but they differ only in color. The English standard is brown and white and is commonly called the "penciled" kind. The American standard is a light fawn and white and then there is the pure white, which is but a sport of the American standard. The light fawn and white variety is the only one recognized by our American Poultry association.

Leghorns of the Duck Tribe.

They are fitly called the "Leghorns of the duck family." In a government experiment last year in Australia, where every standard breed of fowls competed for egg production under exactly similar conditions, the Indian Runners carried off the honors. During our long siege of zero weather this winter, with snow blowing in at every crack these ducks had no better housing than a shed open to the south and bedded with straw. The hens simply basked at the egg proposition, but these faithful ducks kept right on and would dig out nests in the snow to lay their eggs. Another factor in their favor is their freedom from disease. There is no roup, bowel trouble, cholera, gapes, scaly legs, or frosted combs among them. They are not bothered with lice and mites, do not scratch up yards and gardens, and do not require the high fencing or careful housing that chickens need. They do not need water for swimming, but should have an abundance of drinking water. They are light eaters. I find that a quart of feed in the form of a mash is enough for six ducks at one feed.

Ducklings Mature Quickly.

The ducklings are hardy and easy to raise. They reach full maturity at 3 months and are ready to lay at 5 months old. Last August I had a hatch of about 50 ducklings and they did better than my spring hatches. Now don't write me for stock, for I haven't a duck for sale. They are too valuable for laying. But I want to say to farmers' wives that if they want a sure income every week in the year with less effort than is required by any other poultry breed, and less loss, then get a flock of Indian Runners. Fredonia, Kan.

\$7.55 Buys Best 140-Egg Incubator

Doublecases all over, best copper tank, nursery, self-regulating. Best 140-chick hot-water brooder, \$4.95. Both ordered together, \$11.50. Freight prepaid (E. of Rockies). No machines at any price are better. Satisfaction guaranteed. Write for book today or send price now and save time.

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DUCKS.

LARGE WHITE PEKIN ducks; eggs \$1 per fifteen. M. Kragh, Driftwood, Okla.

INDIAN RUNNER eggs \$1 per thirteen, \$3.50 per fifty, \$7 per hundred. Pearl Wertzberger, Alma, Kan.

INDIAN RUNNER duck eggs. Pure white strain. \$1.00 per setting. Martha Haynes, Grantville, Kan.

PURE BRED Fawn Indian Runner duck eggs, \$1.50 for 13, \$4.50 for 50; white eggs, Ollie Baker, Fredonia, Kan.

INDIAN RUNNER eggs, fawn and white. Pen one, fourteen \$1.50; pen two, fourteen \$1.00. Julia Little, Conway Springs, Kan.

INDIAN RUNNER ducks. Kentucky's best. Fawn and white. White eggs, 15 \$1.25, 100 \$5. Lee Threlkeld, Hampton, Ky.

INDIAN RUNNER duck eggs. Light fawn. White egg strain. Standard bred. \$1.25 per 13, \$4.50 per 50. R. J. Shirk, Ramona, Kan.

INDIAN RUNNER duck eggs, fawn and white (white egg strain) \$6.00 per 100. Western Home Poultry Yards, St. John, Kan.

RUNNERS—\$1.00 per 12. Stock direct from first class breeder. A few White Holland turkey eggs 25c each. Grace Garnett, Marion, Mo.

INDIAN RUNNER ducks. American Standard true light fawn and white. Correct in shape, color and markings. Eggs \$1.50 per 15, \$4.00 per 50. Stover & Myers, Fredonia, Kan.

BRAHMAS.

EGGS from pens of show quality stock. Mrs. F. O'Daniel, Westmoreland, Kan.

LIGHT BRAHMA—Eggs \$5 hundred, \$1 setting. Mrs. Frank White, Furley, Kan.

LIGHT BRAHMA cockerels \$2. Choice setting eggs. Adda Prickett, Wamego, Kan.

LIGHT BRAHMAS, White and Silver Laced Wyandottes, Barred Rocks; eggs 15 \$1.00. Indian Runner ducks, eggs 13 \$1.00. Fred Pfeiffer, Kappa, Ill.

FOR SALE—Light Brahma eggs and baby chicks from first and second pens at Hutchinson and McPherson, 1911. Satisfaction guaranteed. E. K. Marleigh, Inman, Kan.

ANCONAS.

ANCONAS exclusively, 15 eggs \$1.00, 100 \$6.00. Lucie House, Haven, Kan.

MOTTLED ANCONAS—Fine layers; eggs, \$1.50 per 15. Carl Sandfort, Humboldt, Neb.

PRIZE WINNING Mottled Anconas. Eggs and baby chicks. Circular free. W. Hardman, Frankfort, Kan.

MOTTLED ANCONA eggs for sale. \$1.00 for 15, \$3.00 for 50, and \$5 for 100. W. W. Wright, Bronson, Kan.

COCHINS.

BUFF COCHIN eggs from best pen, \$3.00 per 15; 2nd pen, \$2.00. House, Smith Center, Kan.

FOR SALE—Buff Cochin eggs, \$1.00 per 15. Satisfaction guaranteed. J. S. Meyer, Wellington, Kan.

BUFF COCHINS—I have the best in the West, if not in the whole country. Eggs \$5.00 per sitting, from four grand pens. I have no scrubs. J. C. Baughman, Topeka, Kan.

BANTAMS.

BLACK SPANISH, also Black Tailed Japanese Bantams. Best blood in America. Eggs and baby chicks. (Free circulars). Chestnut & Sons, Centralia, Kan.

BLACK SPANISH.

WHITE FACE BLACK SPANISH eggs for hatching, 15 \$1.00, 50 \$3.00, 100 \$5.00. A. W. Swan, Centralia, Kan.

CORNISH.

CORNISH eggs, 15 \$1.00 and \$2.00. Baby chicks 25c. D. P. Neher, McCune, Kan.

GUINEAS.

PEARL GUINEAS \$5.00 a dozen. Lloyd Kelley, Dunlap, Kan.

Hens for Incubator Chicks.

[Prize Letter.]

Mr. Editor—When I start my incubator I also set from 12 to 15 hens. At the end of the first week I test out the incubator eggs and fill in with eggs from under the hens. When hatched I let each hen have from 20 to 25 chicks, putting hen and chicks in a coop after the chicks are 36 hours old. I have the coops slatted on the side to the south to let the sun in. Each hen with her chicks is penned up a few days until the chicks know to which hen they belong. I have the coops in a pen made of chicken wire. I feed baked corn chop and always rap on the feeding pan with the spoon when it is time to feed. They soon learn to know this signal and can also be called up in case of a sudden shower. By these methods I can raise more chickens with less work than in any other way I have ever tried.

Lenora, Okla. Mrs. Emma Shaw.

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TURKEYS.

BOURBON RED turkey eggs, \$2.50 for 10. Mrs. C. G. Ahlstedt, Roxbury, Kan.

MAMMOTH BRONZE eggs 25 cts each. Mrs. C. M. Thompson, Cimarron, Kan.

WHITE HOLLAND turkey eggs for sale. 20 cts. apiece. Frank Darst, R. No. 3, Fredonia, Kan.

FOR SALE—Bourbon Red turkeys' eggs, 9 for \$2.50. Mrs. J. E. Bundy, Goodrich, Kan.

M. B. TURKEY eggs, from standard bred birds. 25 cents each. Mrs. H. E. Bachelder, Fredonia, Kan.

MAMMOTH BRONZE. Select mating. Eggs \$4.00 setting. Prepaid. Mrs. H. W. Hammond, Higgins, Texas.

MAMMOTH WHITE HOLLAND eggs. Fine large birds. Eggs 25c each. E. I. Lansdowne, Osage City, Kan.

BOURBON RED turkey eggs from large well colored stock, 11 eggs for \$3.00. Mrs. C. B. Palmer, Uniontown, Kan.

TURKEY EGGS—White Holland, for sale, from choice strain, \$2.00 per setting of 11 eggs. Mrs. H. F. Elder, Morrowville, Kan.

BOURBON RED turkey eggs. 2 yr. old breeding stock. Choice in size, color and markings. \$3.00 per 11. Stover and Myers, Fredonia, Kan.

MAMMOTH BRONZE turkeys. No better blood in America. Have won more prizes wherever shown than all others combined. A few chicks for sale. Egg orders booked now. G. W. Perkins, Newton, Kan.

WYANDOTTES.

COLUMBIAN WYANDOTTES—Mating list free. G. D. Willems, Inman, Kan.

SILVER WYANDOTTES, prize strain. 100 eggs \$4. Mrs. J. W. Gause, Emporia, Kan.

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WHITE WYANDOTTES and Buff Rock eggs, 15 \$1.00. Minnie Fansler, Kidder, Mo.

WHITE WYANDOTTES eggs, \$1.25 15, \$4.50 100. C. E. Crane, Conway Springs, Kan.

GOLDEN WYANDOTTES chickens and eggs. Fine ones. Write. Dr. Hoover, Severy, Kan.

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GOLDEN WYANDOTTES eggs from stock scoring 91% to 93%. M. M. Donges, Belleville, Kan.

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BUFF WYANDOTTES eggs and baby chicks for sale. W. H. Hines, Aulse, Marion, Co., Kan.

ROSE COMB REDS, Silver L. Wyandottes. Eggs \$1 17, \$5 100. Mrs. Ola Elliott, Delphos, Kan.

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SILVER LACED WYANDOTTES—Eggs two dollars per fifteen. Geo. H. Blegert, Woodbine, Kan.

WHITE WYANDOTTES exclusively. 15 eggs, pen, \$1.50; range, 100 \$4. Oscar Cassell, Tescott, Kan.

SILVER WYANDOTTES—Winners of 35 premiums. 15 eggs \$1.50. Chas. Schultz, Route 7, Enid, Okla.

FOR SALE—White Wyandotte cockerels and eggs. Mrs. I. R. Schlegel, 2103 Lincoln street, Topeka, Kan.

SILVER LACED WYANDOTTES, eggs from special matings \$1.00 per 15. W. A. Hunter, Manhattan, Kan.

SILVER LACED WYANDOTTES eggs; fine stock; 15 \$1.00, 100 \$5. Chicks 10c. W. R. Stump, Blue Rapids, Kan.

PARTRIDGE WYANDOTTES eggs for hatching, 15 \$1.00, 50 \$3.00, 100 \$5.00. Mrs. L. M. Ayers, Centralia, Kan.

WHITE WYANDOTTES—Best laying and exhibition strain. \$1.00 per 15, \$4.00 per 100. Willis L. Pearce, Manhattan, Kan.

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WHITE WYANDOTTES eggs from high scoring stock, \$1 for 15; 2 settings \$1.75; \$5 per 100. Mrs. Geo. E. Joss, Topeka, Kan.

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ROSE COMB WHITE WYANDOTTES eggs, 50c 15, \$3.00 per hundred. Order early. Mrs. L. D. Soule, New Cambria, Kan., R. No. 1.

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WHITE WYANDOTTES—Something fine. Eggs from high scoring, prize winning stock \$1.50 setting, \$5.00 hundred. I. B. Pixley, Wamego, Kan.

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INDIAN RUNNER duck and White Wyandotte eggs from high scoring prize winning stock, \$1 for 15, \$2.50 for 50. Mrs. Ira Abbey, Pleasanton, Kan.

STRONGEST CHICKS, gentlest breed; lay more eggs. Columbian Wyandottes are the fowls for you. Address Norma Beauchamp, Box 266, Russellville, Kentucky.

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SILVER WYANDOTTES that are winning in all the big shows. Bred for eggs and the show room. Stock for sale and eggs in season. M. B. Caldwell, Broughton, Kan.

SILVER LACED WYANDOTTES cockerels and eggs, 15 \$1.00. Barred Rock and Single Comb White Leghorn eggs, 15 \$1.00. Pure bred. Elizabeth Littleton, Guymon, Okla.

SILVER WYANDOTTES—Eggs, 15 \$1.00, 100 \$5.00. Guarantee 60% hatch or duplicate order at half price. Order direct or write for circular. Mrs. H. A. Dressler, Lebo, Kan.

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BUFF WYANDOTTES—Eggs and baby chicks from the finest lot of breeding stock we have ever mated. Mating list furnished on application. Baby chicks, \$3.00 a doz., eggs, \$2.50 per 15. Two sittings \$4.00. Prices cut in half after April 20. Wheeler and Wylie, Manhattan, Kan.

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S. C. BROWN LEGHORN eggs, 100 \$3.50. P. B. Cole, Sharon, Kan.

FINE S. C. W. LEGHORN eggs, \$4 100. Geo. Patterson, Melvern, Kan.

SINGLE COMB WHITE LEGHORN eggs. Royal Yeoman, Lawrence, Kan.

THOROUGHBRED S. C. W. L. eggs \$1.25 per 15. Sarah Rollins, Greta, Kan.

HART'S Single Comb Buff Leghorns give satisfaction. W. D. Hart, Ashland, Mo.

ROSE COMB BROWN LEGHORN eggs, 100 \$3. Mrs. Mary Miek, Ransom, Kan.

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S. C. W. LEGHORN eggs 75c for 15, \$4.00 per 100. J. A. Blunn, Sta. A, Wichita, Kan.

PURE BROWN Rose Comb Leghorns. Eggs 3½ cents each. Laura A. Hazen, Hollis, Kan.

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RANGE RAISED laying Leghorns. Baby chicks, eggs, catalog. Alex Spong, Chanute, Kan.

PURE RANGE S. C. W. LEGHORNS—15 eggs 75c, 100 \$4.00. R. Harrison, Jewell, Kan.

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PURE S. C. BROWN LEGHORNS—Eggs, 30 \$1.00, 100 \$3.00. E. Oveson, Osage City, Kan.

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EGGS—S. C. W. Leghorn, 100 \$3.00. Wm. Norris, Newton, Kan., Rt. No. 5.

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SINGLE COMB BROWN LEGHORN eggs \$5 per 100. Mrs. Wm. Barrett, Lebanon, Kan., Route 5.

HIGH SCORING S. C. White Leghorn eggs \$2.50 per 15, prepaid. Henry Weimhold, Higgins, Texas.

ROSE COMB WHITE LEGHORN eggs, 15 for \$1.50. Mrs. Aug. Hoyer, Route 2, Canton, Kan.

ROSE COMB BROWN LEGHORN eggs, fifteen \$1.00. Hundred \$4.00. B. F. Evans, Wilsey, Kan.

SINGLE COMB BUFF LEGHORNS—Baby chicks, pen eggs and range eggs. Mrs. John Wood, Solomon, Kan.

PURE BRED S. C. Buff Leghorns—15 eggs 75c, 100 \$4.00. Baby chicks 10c. Ella Beatty, Lyndon, Kan.

SINGLE COMB BROWN LEGHORNS—Pullet line only. Eggs \$1 15, \$5 100. Tiff Moore, Osage City, Kan.

S. C. W. LEGHORNS—Free range, great layers. Eggs, 100 \$3.00, 15 75c. C. B. Wilson, Burlingame, Kan.

S. C. B. LEGHORNS—Best layers; eggs \$2.00 per 50, \$3.50 per 100. Mrs. Van Towner, Tyrone, Okla., R. No. 3.

S. C. WHITE LEGHORN eggs for hatching. All correspondence promptly answered. L. M. Shives, Iuka, Kan.

BUFF LEGHORNS, silver cup winners, eggs for sale, \$1.50 per 15, \$4.00 100. Mike Klein, Clay Center, Kan.

S. C. BUFF LEGHORNS—Prize winners. Eggs for sale; \$1.00 per 15, \$5.00 100. George J. Dorr, Osage City, Kan.

ROSE COMB WHITE LEGHORN eggs \$1.75 per 30, \$5.00 per 100. Mrs. J. B. Barntt, R. 1, Ralston, Okla.

ROSE COMB BROWN LEGHORN eggs exclusively, 5c each, \$4.00 per hundred. Tillie Wilkins, Miltonvale, Kan.

ROSE COMB BROWN LEGHORN eggs. Exhibition and laying strain. Circular free. Mrs. John Holzhey, Bendena, Kan.

I GUARANTEE safe arrival of eggs from pure Single Comb White Leghorns. 15 \$1.00, 100 \$4.00. C. O. Kelley, Mena, Ark.

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ROSE COMB BROWN LEGHORNS—15 eggs \$1.00, 30 \$1.75, 100 \$4.00. Honey Creek Poultry Farm, H. S. Moore, Kahoka, Mo.

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ROSE COMB WHITE LEGHORNS. Topeka winners. \$1 per 15, \$5 per 100. Circulars free. Jennie Martin, Frankfort, Kan.

S. C. BROWN LEGHORN eggs from the best Leghorns in the West; mating list will tell; it's free. G. F. Koch, R. 3, Ellinwood, Kan.

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SINGLE COMB WHITE LEGHORNS, scoring to 95. 15 eggs \$1.00, 100 \$4.00. Baby chicks 12½c. D. M. Drake, Nickerson, Kan.

EGGS from my choice flock of Rose Comb White Leghorn hens \$4.50 hundred, \$1.75 per thirty, \$1.00 per fifteen. Mrs. Charles Dibben, Wakefield, Kan.

CORRECTLY COLORED S. C. Buff Leghorns and Mammoth Pekin ducks. Layers. Eggs, \$1 per 15, \$4 per 100. A. Hollister, Winfield, Kan., Route 1.

ROSE COMB BROWN LEGHORNS—Kulp's 242 egg strain. Birds score 92 to 95. Interfertility replaced free, once. 15 \$1.00, 100 \$5.00. A. B. Boylan & Co., Lakin, Kan.

PURE WYCKOFF STRAIN Single Comb White Leghorns. Stock, eggs and baby chicks for sale at honest prices. Big 4 Poultry Farm, Route 2, Inman, Kan.

EGGS from standard bred heavy laying Single Comb White Leghorns. Two dollars per fifteen. Three fifty per thirty. Order now. Freeman & Post, Colony, Kan.

S. C. BUFF LEGHORNS—I have 100 selected hens mated with \$5.00 cocks. Farm raised. Eggs \$1.00 per 15, \$3.00 per 50, \$5.00 per 100. O. L. Hamby, Fair Play, Mo.

SUPERIOR Single Comb White Leghorns. Eggs; chicks. Great layers, prize winners, farm raised, best strains. Prices low. Satisfaction guaranteed. Write Armstrong Bros., Arthur, Mo.

S. C. BUFF AND WHITE LEGHORNS and Mottled Anconas. Great layers. Winners for years in leading shows. Eggs reasonable. Satisfaction guaranteed. B. F. Jones, Maryville, Mo., Route 3, Box 110.

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RHODE ISLAND REDS.
S. C. RED eggs 5 cts. Chicks 15 cts. Mrs. P. D. Spohn, Inman, Kan.
20 R. C. RED cockerels for sale, \$1 each. Ruby Morris, Rosalia, Kan.
REDS in both combs. Mating list free. G. D. Willems, Inman, Kan.
SINGLE COMB REDS—100 eggs \$3.50. Gertrude Haynes, Meriden, Kan.
100 ROSE COMB RED eggs \$4.00. Buschman strain. Wm. Rolfe, Wetmore, Kan.
PURE SINGLE COMB REDS—Eggs, 15 \$1.00, 100 \$5.00. Belle Tyler, Haven, Kan.
ROSE COMB REDS—Eggs from fine stock \$2 \$2, 100 \$4.50. John A. Reed, Lyons, Kan.
R. C. R. I. REDS; high scoring; eggs \$1.00 for 17, \$5.00 100. S. V. Good, Seneca, Kan.
SINGLE COMB Rhode Island Red eggs for sale. J. L. Carmean, Neosho Falls, Kan.
ORNDORFF'S Single Comb Reds. 15 eggs \$1, \$1.50 and \$2.00. R. Orndorff, Lyons, Kan.
PURE S. C. REDS—Eggs \$1.00 per 15, \$5.00 per 100. J. R. McDowell, Braddyville, Iowa.
SINGLE COMB RED eggs. Pens scored by Emery. Mrs. E. B. Holmes, Hennessey, Okla.
S. C. R. I. REDS—Pens scoring 91 to 93 1/2. Eggs \$2 to \$5. C. E. Florence, El Dorado, Kan.
S. C. RED eggs. Birds scoring to 93 1/2. \$1.00 per 15; chicks 15c. Chas. Jobe, Sedan, Kan.
R. C. R. I. REDS—Dark rich red. \$1.00 for 15, \$5.00 for 100. C. F. DeBord, Freeport, Kan.
PURE BRED S. C. REDS—15 eggs 75c, 100 \$3.50; baby chicks 10c. J. B. Scott, Gas, Kan.
R. C. REDS—Good stock. Heavy winter layers. 100 eggs \$3.50. A. N. Peterson, Waterville, Kan.
PURE S. C. REDS. Vigorous, utility stock. Eggs \$1.00 15, \$5.00 100. Mrs. W. L. Maddox, Hazelton, Kan.
SELECTED Single Comb Reds. Best yet. \$4.00 per 100. Pen, \$1.00 per 15. Mrs. Geo. Dillon, McLouth, Kan.
S. C. RHODE ISLAND eggs from my fancy pens. Write for prices. Clyde C. Whiteley, Wichita, Kan.
R. C. REDS—Pen eggs \$1.25, \$1.00 for 15. Range, \$3.00 per 100. Carrie Justice, Freeport, Kan.
SINGLE COMB RED eggs, choice dark red strain. Prices reasonable. Mrs. G. H. Gaines, Kidder, Mo.
ROSE COMB RED eggs sixty cts. per setting; four dollars per hundred. Mrs. Jas. Shoemaker, Narka, Kan.
THOROUGHbred REDS—Six splendid pens; both combs; mating list free. T. N. Marshall, La Cygne, Kan.
SIX YEARS a breeder of the R. C. Red. 15 cents 15 eggs, \$4.00 per hundred. Frank G. Steintisch, Bremen, Kan.
SINGLE COMB RHODE ISLAND RED eggs, \$3 per 100; \$1 per 30. Mrs. Rosa Janzen, Geneseo, Kan., R. 3.
HIGH CLASS Rose Comb Reds. Eggs for hatching guaranteed. Send for mating list. Fred T. Nye, Leavenworth, Kan.
ROSE COMB RHODE ISLAND REDS. 15c per 15, \$3.50 per hundred. Good utility stock. Adda Walker, White City, Kan.
SEVEN YEARS a breeder of R. C. Reds. Good layers; farm range eggs \$4.00 100. Anconas \$1.00 15. Mary Bartley, Barnes, Kan.
ROSE COMB REDS—Eggs 75c setting, \$4.00 per hundred, from selected birds. Drake Brothers, Box 168, Jewell City, Kan.
RHODE ISLAND REDS—Both combs. Eggs, 15 \$1.00-\$1.50. Baby chicks, 15 cents each. Mrs. Theron Van Scoter, Irving, Kan.
S. C. REDS from high scoring stock. Eggs \$1 to \$3 per setting. Satisfaction guaranteed. B. W. Stewart, R. R. 1, Talmage, Kan.
JOHNSON'S VITALITY Single Comb Reds. Prize winners. Eggs \$1.00 and \$2.00 for 15. Fertility guaranteed. V. A. Johnson, Porter, Okla.
PURE BRED R. C. R. Island Reds. Dark rich red, red eyes. Eggs 15 \$1.00, 50 \$2.50, 100 \$5.00. Nora Luthye, North Topeka, Kan., Rt. 6.
BOOKING ORDERS now for baby chicks. S. C. R. I. Reds. Eggs for hatching. Get our prices. C. W. Murphy, 1750 Mass., Lawrence, Kan.
CHOICE Rose Comb Rhode Island Reds. Fine shape, splendid color and size, good layers. Eggs for sale. Miss Jessie B. Starr, Vinita, Okla.
PRIZE WINNING R. I. Red eggs for hatching. Bean, Tuttle, Tompkins strains. Get express prepaid offer. A. M. Butler, Wichita, Kan.
ROSE COMB R. I. RED eggs from prize winning stock. Range \$5.00 per 100. Selected penned \$2.00 for 15. Ferd Myer, Centralia, Kan.
S. C. R. I. R. EGGS \$1.00 per 15. Vigorous, laying strain. Good color. Pen stock. Via S. F. or Mo. P. Mrs. H. H. Herst, Argonia, Kan.
DEEP RED R. C. REDS—Pens headed by State Show and other show winners. All scored stock. Eggs cheapest in the West, quality considered. \$1.00 to \$3.00 per 15. Large yard of choice color, shape and size. \$4.50 per 100. Free circular. Stover & Myers, Fredonia, Kan.

Reliable Poultry Breeders

RHODE ISLAND REDS.
BRILLIANT REDS, Rose Comb, winners, layers, size, 9 lb. cocks, 15 eggs \$3.00 and \$1.50, \$4.00 45. Mating list. E. Brack, Havensville, Kan.
SINGLE COMB RHODE ISLAND REDS—Rickesecker strain. Eggs \$1 setting of 15. Mrs. I. A. Schults, 907 Central Ave., Kansas City, Kan.
EGGS from well selected pure bred free range R. C. R. I. Reds \$1.00 for 15; for 50 or 100 or more 4 cts. each egg. J. H. Cannon, Preston, Kan.
R. C. REDS—Pen nice large red ones headed by 9 lb. cockerel; 15 eggs for \$1.25; 2nd pen, 15 for \$1; range, \$4 per 100. Chas. A. Smedley, Agra, Kan.
STANDARD BRED R. C. Reds exclusively. High scoring birds. Great laying strain. Eggs \$1.50 for fifteen. Mrs. I. L. Lafferty, Fredonia, Kan.
RHODE ISLAND REDS—Sixth year; more prize winners than ever. Eggs from best pens \$2.00. Satisfaction guaranteed. J. R. Miller, R. 3, Moundridge, Kan.
SINGLE COMB RHODE ISLAND REDS. Descendants of state winners. Very heavy layers. 15 eggs \$1.00, 50 \$3.00, 100 \$5.00. J. W. Drake, Nickerson, Kan.
ROSE COMB RED eggs from select stock, 75 cents per setting; \$4 per hundred. Extra pen high scoring birds, \$1.50 per setting. Mrs. A. C. Foley, Norton, Kan.
THOROUGHbred R. C. R. I. Red eggs from range flock \$1.00 per 15, \$5.00 per 100. From high scoring pen \$1.50 per 15. Mrs. Riley Ingraham, Manhattan, Kan.
MY SINGLE COMB REDS won highest honors at Enid show, 1911-1912. Write for mating list. Range eggs, \$4.00 per hundred. Fred Atherton, Waukomis, Okla.
R. I. REDS, both combs, eggs \$5.00 per 100. Chicks 12 cts. each. Healthy, vigorous stock. Good layers. Can fill large orders for chicks. S. D. Metzler, Lyndon, Kan.
ROSE COMB RHODE ISLAND REDS—2 pens; \$1.50, \$2.50 15 eggs. S. C. Buff Orpingtons, S. C. White Leghorns, \$1.50 15 eggs. Frank Tuttle, R. 2, Chanute, Kan.
ROSE COMB R. I. REDS—Prize winners at Frankfort, Atchison and Topeka shows. Penned eggs \$2.50, \$3 per 15; range eggs \$1. Hattie Feldhausen, R. 1, Frankfort, Kan.
ROSE COMB R. I. RED eggs from stock selected for large size and good color. The best of winter layers. \$1.00 per 15, \$5.00 per 100. Mrs. A. J. Nicholson, Manhattan, Kan.
BLUE RIBBON R. C. REDS. Red eyes, long back, big bone. Scoring 90 to 94. Eggs \$1.00, \$3.00, \$5.00. Range \$4.00 per 100. Sibley strain. Ruby Morris, Rosalia, Kan.
GET THE BEST—We have the reddest Rose Comb Reds we ever owned; winners of 50 premiums; eggs \$2.00 and \$3.00 per 15, infertiles replaced. Write O. T. Grimes, Hunter, Okla.
SECRETARY BORDERS says I have won 45 prizes at Kansas State shows, next highest 19. Enough said. S. C. and R. C. Reds. Eggs \$1.50 and \$3.00 per 15. R. B. Steele, Sta. B, Topeka, Kan.
ROSE COMB REDS—Prize winners; brilliant red with good shape. Birds scoring 91 1/2 to 93. Eggs \$1.00 and \$3.00 per 15. Also two scored cockerels. Hutchinson Bros., Bellaire, Kan.
EGGS from prize winning Rose Comb Reds. Yards, \$1.50 per 15; range, \$1 per 15; \$7 and \$5 per 100. Baby chicks 12 1/2c. Satisfaction guaranteed. Mrs. Dan Clinkenbeard, Wetmore, Kan.
THOROUGHbred and guaranteed Rose Combed Rhode Island Reds and Mottled Anconas mated to unrelated cox. Thirty-five eggs two dollars; one hundred five dollars. W. H. Shields, Barnes, Kan., Rural One.
LULU H. SEARL, MRS. ELMER WILLIAMS, Rhode Island Reds. Best two Kansas flocks combined. Winning 1st in 4 state shows. Eggs \$3 to \$10. Range eggs \$5 per 100. Circular free. Searl & Williams, Caney, Kan.
ROSE COMB REDS—Large boned; all high scored stock; red to skin; eggs, 15 for \$1.50. Farm range eggs, 15 for 75c; \$4.00 per hundred. Mrs. G. C. Talbott, Route 4, Onaga, Kan.
FOSTER'S REDS (Rose Comb exclusively) won more points at the late Topeka show than all other competitors. Champion winners in previous seasons. Eggs for hatching. Send for mating list. Frank H. Foster, Topeka, Kan.
SINGLE AND ROSE COMB R. I. REDS. Eggs from best laying, richly colored strains in the country. 15 for \$1. \$4 per 100. Farm range. Prize winning pens \$2.00 and \$3.00 per 15. Col. Warren Russell, Odessa Farm, Winfield, Kan.
RHODE ISLAND REDS—Both combs. One of the oldest Red breeders in Kan. Ten matings to furnish eggs for hatching. Fertility and safe arrival guaranteed. Prices within reach of all. Illustrated mating list free. H. A. Sibley, Lawrence, Kan.
ROSE COMB RHODE ISLAND REDS exclusively. Six years line breeding for color, shape, and eggs. First premiums wherever shown, including 1st pen Tri-state, Parsons, 1912. Baby chicks and incubator eggs specialty. Eggs \$1.00, \$2.00 \$3.00 per 15. Walter R. Meeker, Erie, Kan.
ORPINGTONS.
BUFF ORPINGTON eggs. Myrtle Peck, Wellington, Kan.
BUFF ORPINGTON eggs 15 50 cts, 100 \$3. Emma Denton, Goff, Kan.
S. C. BUFF ORPINGTON eggs 15 for \$1. J. Kippel, Long Island, Kan.
BUFF ORPINGTON eggs, 15 \$1.00, 100 \$4.00. D. P. Neher, McCune, Kan.

Reliable Poultry Breeders

ORPINGTONS.
S. C. BUFF ORPINGTON eggs, 100 \$4. Mrs. Sarah Lewis, Berryton, Kan.
S. C. BUFF ORPINGTON eggs \$1 per 15. Andrew Eskeldson, Ramona, Kan.
S. C. BLACK ORPINGTON eggs; \$1.50 per setting. Marie Lutz, Wetmore, Kan.
15 KELLERSTRASS White Orpington eggs \$1.25. Geo. Fisher, Custer, Okla.
ROSE COMB White Orpingtons. Eggs at all times. Curtis Patrick, Oskaloosa, Kan.
BUFF ORPINGTON EGGS and baby chicks. Mrs. T. N. Beckey, Linwood, Kan.
S. C. BUFF ORPINGTONS—Eggs \$4.00 per hundred. Mrs. Jennie Jansen, Thomas, Okla.
S. C. BUFF ORPINGTON eggs \$1.50 for a setting of 15. C. L. Vastine, Brownell, Kan.
S. C. BUFF ORPINGTON eggs, 15 \$1.00, 100 \$4.00. Mrs. O. R. Gale, Cherryvale, Kan., Rt. 1.
SINGLE COMB Crystal White Orpington eggs for sale. J. L. Carmean, Neosho Falls, Kan.
CRYSTAL WHITE ORPINGTON eggs. \$1.50 for 15. F. A. Vaniman, McPherson, Kan.
BUFF ORPINGTONS exclusively. Eggs and baby chicks. D. C. Moore, Dodge City, Kan.
PURE BUFF ORPINGTON eggs, 50 cts. per setting. Bruce Hunter, Lyons, Kan., R. 6.
WHITE ORPINGTON eggs and cockerels; Single Comb. Oscar Zschelle, Burlington, Kan.
PURE STANDARD White Orpingtons—None better. Eggs \$2.00. Arad Tyler, Haven, Kan.
KELLERSTRASS White Orpingtons. Good cockerels \$3. Eggs \$2. H. B. Humble, Sawyer, Kan.
15 EGGS \$1.25 from our specially mated Buff Orpingtons. Bidleman Brothers, Kinsley, Kan.
KELLERSTRASS strain Crystal White Orpington eggs \$1.50 per 15. H. A. Ravis, Bessie, Okla.
PURE BRED BUFF ORPINGTON eggs 75c per 15, \$4.00 per 100. Mrs. R. C. Duncan, Gridley, Kan.
BUFF ORPINGTON pure bred eggs for setting \$1.50 per 15. Mrs. Jake Ayers, Sabbath, Kan.
KELLERSTRASS strain White Orpington eggs \$2.00 and \$3.00 per setting. E. H. Brady, Severy, Kan.
KELLERSTRASS Crystal White Orpingtons. Eggs 15 \$1.50, 50 \$4.00. D. A. Hassenpflug, Toronto, Kan.
FOR SALE—Stock, eggs and baby chicks. Kellerstrass Crystal White Orps. C. B. Owen, Lawrence, Kan.
KELLERSTRASS Crystal White Orpingtons. Range eggs \$1.00 per 15. Mrs. Joel Copeland, Ottawa, Kan., No. 5.
COOK'S STRAIN Single Comb Buff Orpington cockerels \$2 to \$5. Eggs \$3, \$5. Mrs. Grant Stafford, Winfield, Kan.
BUFF ORPINGTONS—Free booklet giving origin of breed and mating list. Postal brings it. Brady Farm, Richards, Mo.
EGGS—S. C. Buff Orpingtons exclusively; bred from prize stock; farm prices. Mrs. J. T. Ritchie, Oskaloosa, Kan.
KELLERSTRASS White Orpingtons. Eggs from hens scoring 92 to 94 1/2 \$10.50 per 100. Mrs. E. M. Ross, Stanberry, Mo.
BUFF ORPINGTONS—Owen's strain, line bred and carefully mated. Eggs \$1.50 and \$2.00. Mrs. Earl Vaughn, Esbon, Kan.
SINGLE COMB BUFF ORPINGTONS—Eggs from choice stock \$1.00 per 15, \$4.00 per 100. D. R. Banta, Tecumseh, Kan.
WHITE ORPINGTONS—Best strains. Eggs at utility prices. Mating list and photo free. C. E. Reed, Norton, Kan.
KELLERSTRASS White Orpington cockerels. Strictly high class eggs. W. A. Allmon, Cottonwood Falls, Kan.
SINGLE COMB BUFF ORPINGTON eggs \$1.50 per 15, \$6.00 per 100. Free range. Mrs. Otis Russell, Canton, Kan.
CRYSTAL WHITE ORPINGTONS—Stock and eggs for sale. Need room; stock must go. Thos. W. Miller, Oswego, Kan.
KELLERSTRASS White Orpington eggs, \$2.00 and \$5.00 per setting; satisfaction guaranteed. George Reebie, Emporia, Kan.
S. C. BUFF ORPINGTONS—Extra large stock; good buff. Eggs \$1.00 per 15; \$5.00 per 100. Mrs. J. Drennan, Liberty, Kan.
WHITE ORPINGTONS only. Kellerstrass strain. Eggs \$3.00 per 15. Of the good. Get the best. Sunflower Poultry Plant, Topeka, Kan.
HAURY'S Invincible White Orpingtons. Stock and eggs for sale reasonable. Send for mating list. Dr. Arthur O. Haury, Newton, Kan.
ORPINGTONS, Black, Buff, Australian, English prize winners. S. Reds, Runner ducks. Mating list free. C. W. Day, Vinita, Okla.
PURE WHITE ORPINGTON eggs \$1.50 per 15, \$6.00 per 100 from Rose Hill Poultry Yards, Rev. W. H. Tasker, Concordia, Kan.
PURE BUFF ORPINGTON eggs from one of largest and best farm flocks in state; prices reasonable. Mrs. Walter Clark, Oskaloosa, Kan.

Reliable Poultry Breeders

ORPINGTONS.
WHITE ORPINGTONS—50 laying pullets. Eggs. Baby chicks. From stock scoring 94 1/2 to 96. Circular free. W. W. Kirkham, Elk Falls, Kan.
S. C. BUFF ORPINGTON eggs. Choice stock, even color, good shape. Also eggs of free range stock. Write Mrs. Don Farrar, Frankfort, Kan.
S. C. B. ORPINGTONS exclusively, free range, extra large stock, good buff; eggs \$1.25 15, \$3 50, \$5 per 100. Chas. Brown, Parkerville, Kan.
KELLERSTRASS White Orpington eggs from prize winners, \$3.00 and \$5.00. Fertility guaranteed. Catalog free. A. B. Collins, Yates Center, Kan.
KELLERSTRASS White Orpingtons. Cockerels \$3. Eggs \$2.00 setting, \$10.00 per hundred. Free catalogue. Phillips Poultry Farm, De Soto, Kan.
"KELLERSTRASS" strain Crystal White Orpington eggs \$3.00 and \$5.00 per 15. Choice cockerels \$3.00 each. Hazel Prentice, Fontana, Kan.
CRYSTAL WHITE ORPINGTON eggs; three selected matings; \$2.00 per setting, \$ for \$5.00; catalog free. P. H. Anderson, Box M-53, Lindsborg, Kan.
WHITE ORPINGTON cockerels, Kellerstrass strain, fine birds, \$2 to \$5 each. Eggs 15 for \$2.00. Fertility guaranteed. R. D. Rosier, Elk City, Kan.
EGGS from full blooded, large boned, Single Comb Buff Orpingtons reduced to \$1.25 per 15. Hens and pullets for sale. Carl Lotz, Eudora, Kan.
SINGLE COMB WHITE ORPINGTONS. Eggs \$2.00 for 15. Pen hatched from last year's pullets that averaged 174 eggs each. A. A. Heleker, Frankfort, Kan.
SINGLE COMB BUFF ORPINGTONS—Prize winning stock. Eggs and stock reasonable price. Ask for free mating list. J. F. Cox, R. 8, Topeka, Kan.
SINGLE COMB BLACK ORPINGTONS—Six firsts, one second; heavy weights; heavy layers. Catalog free. Rose Cottage Poultry Yards, Phillipsburg, Kan.
SINGLE COMB BUFF ORPINGTONS exclusively. Eggs from prize winners \$1 setting, \$4 hundred. Mated pen, \$3 setting. C. Holliday, Woodbine, Kan.
KELLERSTRASS White Orpingtons. I won four firsts at Kansas state show, 1912. Stock and eggs for sale. J. L. Vernon, 1905 Lorrain, Wichita, Kan.
EGGS from Buff and Black Orpingtons. White and Barred Rocks, Rhode Island Reds and Brown Leghorns. Agra Poultry Co., Roy Lucas, Sec., Agra, Kan.
ERNEST YOUNT, Chanute, Kan. Eight years' experience breeding Single Combed Buff Orpingtons. Eggs from prize pen \$5.00 15; farm range \$1.00 15, \$5.00 100.
S. C. BUFF ORPINGTON eggs; Cook strain. We have quality; good color; good shape; good layers. Order early, \$3.00 per 15 eggs. L. E. Hohl, Bushton, Kan.
WHITE ORPINGTONS (Kellerstrass), White Wyandottes. Scored by Southard and McClave. Chicks and eggs. Prices reasonable. Mrs. M. Garnant, Kidder, Mo.
GOLDEN BUFF ORPINGTON eggs, 15 \$1.00, 30 \$1.75, 100 \$4.00. Special mating, 15 \$3.00; only few to spare from this pen. White House Poultry Farm, Salina, Kan.
S. C. BUFF ORPINGTON eggs from pens headed by prize winners—\$1.50, \$3, \$5. Birds strong in color, shape and size. Write for mating list. F. H. Church, Altona, Kan.
FOR SALE—Single Comb Crystal White Orpington eggs, Kellerstrass strain; also fawn and white Indian Runner ducks' eggs for hatching. Smith and Coleman, Olathe, Kan.
BUFF ORPINGTON eggs from high scoring pens, pullets 96, chl. 95; also eggs by the 100 from my utility stock. Send for mating list. Pleasant Hill Poultry Farm, Ellinwood, Kan.
S. C. BUFF ORPINGTONS. Eggs from Mo. State, Kan. City, Topeka and Denver winners, \$2.50 and \$5.00 per 15. Write for mating list. W. A. Meldinger, Wathena, Kan.
CRYSTAL WHITE ORPINGTONS—A limited number of exhibition cockerels at \$3 and 4 dollars. The true Orpington type. Eggs, \$2.50 per 15. K. R. Alborn, Smith Center, Kan.
S. C. BUFF ORPINGTONS—Won \$61.00 cash, sil. cup, 15 ribbons, 5 specials, last showing. We sell the show stock and eggs. Best eggs \$3.00 and \$2.00. Will C. Hamilton, Plattsmouth, Neb.
SPECIAL FOR 30 DAYS—Kellerstrass Crystal White Orpington utility eggs \$6.00 per 50, \$10.00 per 100. Eggs from prize winners \$5.00 per 15. Alfred Pitsch, 1303 So. Broadway, Leavenworth, Kan.
S. C. BUFF ORPINGTON eggs for setting from prize winners. I have 5 mated pens. I will sell a limited number of settings at \$2.00 per 15. Chicks 25c each. Chas. Luenegene, Rt. 7, Topeka, Kan.
SINGLE COMB WHITE ORPINGTONS—Eggs for sale. Winning two prizes American Royal, first pullet Missouri State Show, all prizes Oswego and Independence shows. Rev. A. Foltz, Oswego, Kan.
DAY'S famous winning, laying and paying strain S. C. Buff Orpingtons are the acknowledged leaders and champions of the West. Eggs \$5.00 per 50. Catalogue free. Dr. Day, Dumonth, Ia., Box M.
WHITE ORPINGTONS—Eggs for hatching. Pens all mated. Birds in these pens are winners both in the show room and as layers. Send for mating list and get prices. White Orpingtons exclusively. Geo. Bower, Box B, R. R., Fairview, Okla.

Reliable Poultry Breeders

PLYMOUTH ROCKS.
WHITE ROCK cockerels and eggs for sale. N. L. Mader, Collyer, Kan.
WHITE ROCKS—Eggs, 15 \$1.50, 50 \$2.50. W. H. Beaver, St. John, Kan.
EGGS from prize winning Buff Rocks. Write H. M. Fevury, Easton, Kan.
FOR QUALITY BARRED ROCK eggs write Dorothy Mullis, Dunbar, Neb.
WHITE ROCK eggs, 15 \$1.00, 100 \$4.00. Mrs. Frank Powell, Buffalo, Kan.
BARRED ROCK eggs, per 15 \$1.00, 100 \$5.00. Mrs. Lon Burton, Lebo, Kan.
STEINER'S WHITE ROCKS—Eggs \$5.00 per 100. E. H. Steiner, Sabetha, Kan.
WHITE ROCKS exclusively. Eggs 15 \$1.00, 100 \$5.00. Minnie C. Clark, Haven, Kan.
BARRED PLYMOUTH ROCKS—Eggs \$3 hundred. Mrs. J. Steele, Melvern, Kan.
BARRED ROCKS—Young hens and eggs. Mrs. Henry Gilbert, Sharon Springs, Kan.
WHITE ROCK eggs, \$1.00 for 15. W. B. Atkinson, R. No. 7, Independence, Kan.
B. P. ROCK eggs—15 for 75 cts., 100 for \$4.00. Mrs. Serene Bray, Cleveland, Kan.
100 BUFF ROCK eggs, \$3.50; 100 chicks \$12. Mrs. M. E. Stevens, Humboldt, Kan.
BARRED ROCK eggs, 15 \$1.00; 100 for \$5.00. Mrs. Albert Goheen, Manhattan, Kan.
BUFF ROCK eggs, \$1.00 setting; \$5.00 per hundred. Mrs. Chas. Walke, Fort Scott, Kan.
RINGLET ROCKS—Laying strain. Eggs, dollar per 15. Tracy's, Conway Springs, Kan.
WHITE ROCKS—Quality good; eggs and chicks for sale. J. A. Kauffman, Abilene, Kan.
PRIZE WINNING Barred Rocks. Eggs, 15 \$2, 50 \$5. Mrs. Chris Bearman, Ottawa, Kan.
EGGS from Greystone strain White Rocks. Large and white. L. M. Bland, Garden City, Kan.
BARRED ROCKS exclusively. Eggs, 15 \$1.00, 100 \$4.00. May Brucker, Jamestown, Kan.
BUFF ROCK eggs, 15 for 75c, 50 for \$2.25, 100 for \$4.25. J. H. Mellenbruch, Morrill, Kan.
EGGS from prize winners \$2.00 for 15, \$5.00 for 50. W. W. Hamilton, Nickerson, Kan.
BARRED PLYMOUTH ROCK eggs, 15 for \$1.50. Mrs. Aug. Hoyer, Route 2, Canton, Kan.
PURE BARRED ROCK eggs, 15 75c, 100 \$4.00. Mrs. Grace Anderson, R. 1, Hiawatha, Kan.
EGGS from prize winning Barred Rocks \$1.00 per setting. G. E. Allegre, Osage City, Kan.
BUFF PLYMOUTH ROCK eggs for sale. \$1.00 per 15. Mrs. M. D. Lighthall, Dwight, Kan.
WHITE ROCK eggs. 60 per cent hatch guaranteed. A few cockerels. W. J. Lewis, Lebo, Kan.
BARRED ROCKS. Winners, weighers and layers. 15 eggs \$1. O. Warrenburg, Centerville, Kan.
PURE BRED WHITE ROCKS—Beauties. Eggs for hatching. Mrs. Elmer Lane, Burlington, Kan.
BUFF ROCK eggs, Nugget strain, prize winners, 15 \$1.50, 30 \$2.50. Abram Troup, Logan, Kan.
BARRED ROCKS—Large, vigorous, farm raised. 50 eggs \$2. Mrs. Ernest Rowe, Jewell, Kan.
LARGE WHITE ROCKS—Eggs, \$1.25 per fifteen; two dollars per thirty. W. H. Peck, Garnett, Kan.
MAMMOTH Snow White Rocks. Eggs from choice matings. Charley Vories, Weathers, Kan.
WINTER LAYERS—Thoroughbred, Buff Rocks exclusively; selected settings; 75c up. C. Beall, Alma, Mo.
HAVE BRED White Plymouth Rocks 15 years. Eggs \$1.00 per 15. Josias Lambert, Smith Center, Kan.
WHITE PLYMOUTH ROCKS. Eggs from pen One \$2. Pen Two \$1 per 15. L. W. Babcock, Harper, Kan.
BARRED ROCKS—Select eggs for hatching. \$1.00 for 15. \$4.00 per 100. Mrs. Sam'l Drybread, Elk City, Kan.
BARRED PLYMOUTH ROCKS exclusively. Eggs, 30 \$1.50; 100 \$4.00. Catherine Beightel, Holton, Kan.
BARRED ROCKS—Eggs for hatching. Farm raised. Good layers. \$1 per 15. Chas. W. Findly, Cambridge, Kan.
PURE BUFF ROCK eggs, (farm range) for hatching, \$4.50 per 100. Mrs. Perry S. Myers, Fredonia, Kan., Route 3.
BLUE BARRED ROCK and R. C. chocolate Red eggs from birds that talk for themselves. Write Milton Delhi, Lawrence, Kan.
PRIZE WINNING WHITE ROCK eggs for sale. 15 \$1.50; \$5.00, \$6.00, \$7.00 per 100. Mr. E. Brooks, Frankfort, Kan.
THOROUGHbred White Rock hens \$1.00 each. Eggs, 100 \$5.00. Special mating, 15 \$1.50. E. Biddleman, Kinsley, Kan.
EGGS, Barred Plymouth Rocks, 12-pound males, 10-pound females. Free catalogue, showing prize winners. Real photos. Moderate prices. A. D. Murphy, Essex, Ia., vice resident State Poultry association.

Reliable Poultry Breeders

PLYMOUTH ROCKS.
WHITE ROCKS exclusively. Bred for eleven years. Eggs \$1.00 per 15, \$5.00 per 100. E. M. Chestnut, Holton, Kan.
PURE BRED WHITE ROCKS—Best strains. Eggs \$1.00 per 15, \$5.00 per 100. Mrs. E. E. Williams, Sabetha, Kan.
BUFF ROCK eggs from prize winning pens, \$2.00 per 15 eggs; range, \$5.00 per 100 eggs. Mrs. W. A. White, Uniontown, Kan.
BARRED PLYMOUTH ROCKS exclusively. The kind that will please. Eggs \$1.00 per 15, \$5.00 per 100. A. B. Fowler, Brookville, Kan.
BARRED ROCKS—\$2 premiums. Eggs, 15 \$1.00, 100 \$5.00; special mating, 15 \$5.00. Stock \$2.00 up. W. J. O'fer, Clay Center, Kan.
EGGS—From my undefeated Buff Rocks, the great winter layers. Fertility guaranteed. Circular free. W. F. Alden, Ellsworth, Kan.
BUFF ROCKS. Farm raised; prize winners. Eggs, 15 \$2.00. Express prepaid. Circular free. Ferris and Ferris, Effingham, Kan.
BARRED ROCK eggs, \$1.50 for 15, from prize winning, high priced birds. Eggs guaranteed fertile. E. C. Jewell, De Witt, Neb.
BUFF ROCKS—Eggs \$1 per 15, \$5 per 100. Baby chicks 20c. From Delventhal (Johnson strain). Mrs. Jno. Babb, Centralia, Kan.
BARRED ROCK eggs. From prize winning stock. Farm raised. \$1.00 per 15, \$5.00 per 100. Mrs. H. Buchanan, Abilene, Kan.
BARRED ROCK eggs. 44 premiums at 7 shows. Pen eggs \$2.00 15; range, 15 \$1.00, 50 \$2.50. Mrs. A. M. Markley, Mound City, Kan.
WHITE ROCKS exclusively; the kind that win; heavy egg strain. Eggs 15 \$1.50, 50 \$3.50, 100 \$6.00. G. M. Kretz, Clifton, Kan., Route 1.
WHITE ROCKS—Scored by Stoner. Eggs 15 \$1.00; 100 \$4.00. Pen average score 83 1/2, 15 \$2.00. Mrs. J. W. Hoornbeek, Route 3, Winfield, Kan.
BARRED ROCK eggs from special mating \$3.00 per 15; from prize winners \$2.00 per 15, \$3.50 per 30; fertility guaranteed. J. S. Hackney, Troy, Kan.
INDIAN RUNNER ducks, Barred Plymouth Rocks, Light Brahmas. Eggs from prize winners. Satisfaction guaranteed. Bert White, Burlingame, Kan.
PURE BRED BARRED ROCKS with yellow legs. Baby chicks 12 cents each. Eggs 15 \$1.25, 30 \$2.00, 100 \$5.00. Mrs. John Yowell, McPherson, Kan.
EGGS for hatching from our Standard bred Barred Rocks. Great winter layers, large vigorous strain. Send for mating list. M. L. Meek, Ellsworth, Kan.
BUFF PLYMOUTH ROCK eggs for sale. The kind that will pay you because they pay me. Prices friendly. Write me today. William A. Hess, Humboldt, Kan.
BARRED ROCKS—First prize winners Kansas State Show. Eggs \$3 to \$5. Utility \$3.50 per 100. Illustrated circular. D. F. Drinkwater, Cedar Point, Kan.
BARRED ROCKS that have been line bred for 13 years; exhibition stock a specialty; must make room; cockerels \$1.00 to \$10. G. R. Miller, Bowling Green, Mo.
FOR BEAUTY, utility, exhibition Buff Rocks. Exceptional vigor, color and laying qualities. Eggs from pens \$2.50 per 15. Henry D. Smith, Washington, Kan.
WHITE ROCKS—Owens & Greystones strain. Cockerels three to ten dollars. Eggs \$5.00 first pen, and two-fifty second pen. Everett P. Griggs, Garden City, Kan.
SNOW-WHITE Plymouth Rock chickens, heavy stock, great layers (Fishel strain). Eggs \$5 per 100, \$1.50 per sitting, trios \$5. John Kohlenberg, R. R. 2, Bellevue, Iowa.
BARRED ROCKS—44 premiums, 19 firsts. Winners Topeka, Manhattan, Clay Center. Eggs, 15 \$2.50; 30 \$4.50; 50 \$1.00; 60 \$3.25; 100 \$5.00. Mrs. D. M. Gillespie, Clay Center, Kan.
WHITE PLYMOUTH ROCKS exclusively. Eggs from strong, healthy stock having plenty range. Three grand yards. \$1.50, \$2.00 and \$3.00 per 15. Frank Lott, Danville, Kan.
BARRED PLYMOUTH ROCK eggs from farm range birds, bred for size and utility. Prices \$1 per setting, \$2.75 for 50, and \$5 per 100. Evergreen Stock and Poultry Farm, Joseph Fink, Mgr., Hanover, Kan.
BARRED PLYMOUTH ROCKS exclusively. Eggs from pens of scored birds \$1.50 per 15, \$4.00 per 50, \$7.00 per 100. Range \$1.00 per 15, \$2.50 per 50, \$4.00 per 100. Mrs. C. N. Bailey, R. 2, Lyndon, Kan.
SHELLEY BROS.' BARRED ROCKS won 70 premiums—34 firsts, specials and sweepstakes—at Kansas' largest shows. Eggs, \$3.00 for 15; \$5.00 for 50; guaranteed. Circular free. Shelley Bros., Elmdale, Kan.
BARRED ROCK eggs from vigorous, clear barred, high scoring stock. Pen eggs \$2 and \$3 per 15. Flock eggs \$1.25 per 15, \$5 per hundred. Baby chicks 15, 25 and 35 cents each. Mrs. H. F. Schmidt, Humboldt, Kan.
SNOW WHITE ROCKS—White Ivory strain. Eggs from large, vigorous, pure white stock. Pen 1, \$2.50 per 15; pen No. 2, \$1.50; flock range, \$1.00 per 15 or \$5.00 per 100. Edw. Betoumay, Prop. Snow White Poultry Farm, Route 2, Concordia, Kan.
O'GARA'S BARRED ROCKS—At the great Topeka Show won more prizes than any other exhibitor excepting Grove Hill. State Club cup for best display. Eggs \$2.00 per 15, \$10.00 per 100. 50 high grade pullet bred females for sale, \$2 to \$5. John O'Gara, 210 Washburn Ave., Topeka, Kan.

Reliable Poultry Breeders

PLYMOUTH ROCKS.
PURE BRED Barred Rocks. Eggs \$1.00 per 15, \$4.00 per 100. Safe delivery guaranteed. C. E. Romary, Olive, Kan.
WHITE (Fishel strain), Barred, and Buff Rocks. Stock scoring to 84 1/2. 15 eggs \$1.50, 45 \$4.00, 100 \$8.00. From first class range stock. 15 eggs \$1.00, 50, \$3.00, 100, \$5.00. J. M. Drake, Nickerson, Kan.
BUFF ROCKS exclusively. Eggs from healthy, vigorous, farm raised stock, \$2 per fifty, \$3.50 per hundred. Pened eggs, \$3 and \$1.50 per setting. Mrs. Homer Davis, Walton, Kan.
LANGSHANS.
WHITE LANGSHAN eggs \$1.50 for 15. Edith Haworth, Welch, Okla.
PRIZE BLACK LANGSHANS—15 eggs \$1. Mary McCaul, Elk City, Kan.
BLACK LANGSHAN eggs \$1 per 15; \$5 hundred. J. Stulp, Hartford, Kan.
WHITE LANGSHANS—Eggs at \$1.00 per 15. Wm. Wischmeier, Mayetta, Kan.
PRIZE WINNING White Langshan eggs; best pen \$2. Frank Daugherty, La Harpe, Kan.
PURE BLACK LANGSHAN eggs \$1.00 per 15, \$1.50 per 30. Mrs. Annie Allen, Westmoreland, Kan.
BLACK LANGSHANS—Eggs from pens scored cockerels \$1.50-\$2.00; range \$1.00. John Bolte, Axtell, Kan.
BOOKING ORDERS for baby chicks. From my Black Langshan best matings. Martha Haynes, Grantville, Kan.
EXTRA BIG BONED, greenish glossy Black Langshan, black eyes, score 91 to 95; circular. Osterfoss, Hedrick, Iowa.
GOOD Black Langshans. Farm raised. Eggs, 15 \$1.50, 100 \$7.50. Baby chicks 15 cts. each. Mrs. Geo. W. King, Solomon, Kan.
RANDELL'S Black Langshans and Runner ducks. Eggs \$1.00 per setting. For circular write Bert A. Randell, Mt. Zion, Iowa.
KLUMMIR'S IDEAL Black Langshans. Best quality; winners wherever shown; eggs for hatching. Write for mating list. Geo. Klummir, Holton, Kan.
TENNEHOLM LANGSHANS—The big black kind. A few choice cockerels at reasonable prices. Write. Eggs \$1.50 per 15. Mrs. E. B. Myers, Chanute, Kan.
BLACK LANGSHAN eggs from Black Beauty strain; pen stock, \$1.00 and \$1.50 per 15; range stock, \$5.00 per 100. Geo. W. Shearer, Elmhurst Farms, Lawrence, Kan.
BLUE RIBBON Black Langshans. Noble layers and winners. Eggs from pens No. 1 and 2 \$2.00 for 15; No. 3 and 4 \$1.00 15; satisfaction guaranteed. W. L. Bush, Osage City, Kan.
BUFF AND BLACK LANGSHANS—Black Langshan hens score to 94 1/2, pullets to 94 1/2, chl. to 96; ck. to 65. Fifty chicks on hand. Price and mating list ready. J. A. Lovette, Mullinville, Kan.
BLACK AND WHITE LANGSHAN stock for sale from heavy laying and prize winning strain. Always winners in the biggest shows. Best eggs \$3.00 for 15. H. M. Palmer, Florence, Kan.
MINORCAS.
S. C. WHITE MINORCA eggs \$1.50 per 15. C. E. Grandie, Pittsburg, Kan., R. 3.
S. C. WHITE MINORCA eggs, 15 \$1.50, 50 \$4.50, 100 \$8.00. A. Manley, Cottonwood Falls, Kan.
SINGLE COMB BLACK MINORCAS. Eggs 15 \$1.00, 30 \$1.75. S. C. Peters, Nashville, Kan.
WHITE MINORCA eggs for hatching; selected stock. Price \$2.00 for 15, \$3.00 for 25. C. C. Davis, Minneapolis, Kan., Box 53.
CHOICE S. C. Black Minorca eggs \$1.50 per 15. Choice S. C. White Leghorns, \$1.00 per 15, \$5.00 per 100. D. M. Christy, Blackwell, Okla.
GESE.
TOULOUSE goose eggs 50 cts. setting. P. B. Cole, Sharon, Kan.
TOULOUSE goose eggs for sale; 10 for \$1.50. Mrs. Pearl Carswell, Alton, Kan.
SEVERAL VARIETIES.
STOCK AND EGGS for sale. Model Poultry Yards, Hanover, Kan.
PURE EGGS—Toulouse geese, White Pekin ducks, R. C. Reds. C. Shumway, Manhattan, Kan.
LIGHT BRAHMA, White Wyandotte eggs 15 for 75 cts. Mrs. C. G. Ahlstedt, Roxbury, Kan.
HOUDANS—World's greatest winter layers. Eggs and stock. Mrs. Lee Biglin, Alta Vista, Kan.
THIRTY-FIVE VARIETIES thoroughbred poultry. Catalog free. Jordan Poultry Farm, Coffeyville, Kan.
SILVER WYANDOTTES and Buff Rocks. Eggs for sale. \$1.00 and \$2.00 per 15. R. T. Jahnke, Woodbine, Kan.
BLUE ANDALUSIAN and R. C. Rhode Island Reds. Eggs, Blue \$1.50, Red \$1.00 per 15. Marilla Officer, Hilldale, Kan.
43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guinea, Incubators, Dogs. Catalogue 3 cents. Missouri Squab Co., St. Louis.

Reliable Poultry Breeders

SEVERAL VARIETIES.
BABY CHICKS and eggs. Write for prices. Jno. C. Snyder, Topeka, Kan.
SILVER STAR POULTRY FARM pays \$1.00 each for poultry 8 weeks old. Wonderful paying proposition. Write quick. Derry Church, Pa.
PURE BRED REDS, Rocks, Leghorns (five kinds). Eggs: 12, 75 cts.; 100, \$3.50. Geese, guineas. Buffalo Poultry Yards, Granada, Colo.
EGGS from high scoring stock. Mammoth Bronze turkeys, \$2.00 per 9. Single Comb White Leghorns, \$1.00 per 15. Vira Bailey, Kinsley, Kan.
ENGLISH Silver and Chinese pheasants, Crystal White Orpingtons (Kellerstrass strain). Write for prices. L. V. Shriver, Uniontown, Kan.
HOUDAN AND BLACK LANGSHANS—Winners at Topeka State show, 1910-1911. Eggs from \$2.00 to \$5.00 per 15. E. D. Hartzell, Rossville, Kan.
EGGS, EGGS, EGGS. From thoroughbred Barred Plymouth Rock and W. F. B. Spanish chickens, \$1.50 per setting. Satisfaction guaranteed. Gus H. Brune, Lawrence, Kan.
WHITE WYANDOTTES, Houdans, Indian Runner ducks. High scoring stock. Eggs per setting 1 to 5 dollars. Write for mating list. Mrs. D. T. Smith and Son, Burns, Kan.
EGGS from prize winning S. C. Buff and Brown Leghorns, Blue Andalusians, Buff Orpingtons, Black Minorcas. Descriptive circular free. John A. Huber, La Crosse, Kan.
THE LAKE SIDE POULTRY FARM—High class exhibition Barred Rocks, White Leghorns, Black Minorcas, Mammoth Pekin and Indian Runner ducks. Write for catalogue. Braunsdorf and Davids, Box 214, Parsons, Kan.
EGGS—Mammoth White Holland turkeys, \$2.50 per setting; mammoth Toulouse geese, \$1.00 per setting; white Muscovy ducks, eggs \$2.00 per setting. R. C. Rhode Island Reds from choice stock. Pen A, \$1.25; Pen B, \$1.50. S. H. Lenhart, Abilene, Kan.
EGGS, EGGS from White Rocks, White Cochins bantams, White Holland turkeys, Imperial Pekin ducks, Pearl guineas and White Wyandottes on separate farms. Satisfaction guaranteed. Write S. T. Garman, Courtland, Kan.
ROSE COMB REDS, Columbian Wyandottes. Winners and heavy layers. Won again 45 prizes at two shows this winter. Also Golden Seabright Bantams and Indian Runner ducks. Eggs \$1 to \$5 per 15. Mating list free. A. D. Williams, Minneola, Kan.
LOOK—Doffing's Barred Rocks and Mammoth Bronze turkey eggs at bargain prices; won at all leading shows; eggs from best pens three dollars per fifteen, two settings for five dollars. Range eggs six dollars per hundred. Turkey eggs fifty cents each. Satisfaction guaranteed. Few more good cockerels for sale. Mrs. Matt Doffing, Lamonte, Mo.
FOR SALE—Eggs, eggs, eggs. S. C. Buff Orpingtons, R. C. Rhode Island Reds, Buff, White and Partridge Cochins, White, Chinese, Toulouse and Embden geese, Indian Runner ducks. The above stock is strictly pure bred and scores from 95-97 1/2 points. Prices reasonable. Write your wants. Chiles Poultry Yards, (P. O. Box No. 22), Chiles, Kan.
MISCELLANEOUS.
SLIGHTLY USED incubators for sale. A Koening, Hanover, Kan.
ONE NEW 240 egg Cyphers incubator cheap. Mrs. M. E. Johnson, Humboldt, Kan.
NO BETTER BROODER—Cost \$1.00. Plan 50 cts. W. Leghorn eggs. Baby chicks. Box 63, Okla. City, Okla., Route 8.
SINGLE COMB BUFF ORPINGTONS from prize winning strains. Cockerels, hens and pullets for sale. Eggs: \$6 per 100; \$1.50 per setting. TOULOUSE geese. Eggs 25c each; \$2 per setting. Only the best stock sold. MRS. C. L. BRANIC, HIWATHA, KAN.
COOK'S BARRED ROCKS
Have stood the test for years and are at present better than ever. My remarkable winnings at the Topeka show still stand in a class unapproached. TOPEKA CHAMPION still holds the world's record as a winning male having won \$54 in cash, four specials, two silver cups and a silver medal. Eggs from the grandest matings in the West \$2 per 15, \$3.75 per 30, \$5 per 50, and \$8 per 100. Special prices on pen eggs. Send for catalog. EXPRESS PAID ON ALL EGG ORDERS.
CHAS. J. COOK, Box B, Marysville, Kan.
Lindamood's Barred Rocks
For eight consecutive exhibitions our birds won the blue on pens and singles. Pens mated for the season. Eggs from pens \$3 and \$5 per 15. Utility eggs \$4 per 100. Send for circular. C. C. Lindamood, Walton, Kansas.
55 BREDS Pure-bred Chickens, Ducks, Geese, Turkeys—also incubators, Supplies, and Collie Dogs. Send 4c for large Poultry Book, Incubator Catalog and Price List.
H. H. HINKER, Box 70, Mankato, Minn.
Bargains in Barred Rocks
Eggs for hatching, from carefully selected, farm raised stock. \$1.50 per 15, \$3 for 50, \$5 per 100.
BONNIE VIEW FARM, BERRYTON, KANSAS
Scarie & O'Leary, Props. Eight miles southeast of Topeka.
EGGS AND CHICKS.
R. I. Reds, Orpingtons, Wyandottes, Plymouth Rocks, Leghorns, Ducks and Turkeys. Grown on separate farms. Guaranteed, priced right. Printed matter free. WRITE TODAY.
I. M. FISHER,
Box M. Hastings, Neb.

The WOMEN

Conducted by



FOLKS
Mabel E. Graves

We want this department to be of practical use to the women who read Farmers Mail and Breeze. If you have any favorite recipe, any helpful hint, whether it concerns the family, the kitchen, the children, the house; or if you have anything to say which would be of interest to another woman, send it to the Home Department editor. Prizes for the three best suggestions received each week will be, respectively, a set of silver-plated teaspoons in the beautiful Narcissus design, a year's subscription to the Household magazine, and a year's subscription to the Poultry Culture magazine.

The woman suffrage votes will be counted April 25. Is yours in?

White serge is one of the most popular things for spring suits and dresses. But just now most of us are more interested in batiste and summer lawn.

Nobody will mind having the stove around when it's too warm half as much as they will not having it around when it's too cold. There's plenty of time yet.

Those who remembered last fall to look out for the future are now feasting their eyes on gorgeous tulips and modest daffodils. This is a good time to put down in your memory book for next October, plant tulips.

People who got tired of drouthy Kansas last summer may now have the privilege of moving to a land of plenty. In one state bordered by the Mississippi river there is a lake as long as the state and 75 miles wide.

Everybody knows the time honored rule for boiled eggs—put them on in boiling water and leave three minutes. But someone who doesn't care much for rules tried putting them on in cold water and bringing to a boil, leaving them on perhaps four minutes in all. In this way they are heated evenly all through and your soft boiled egg comes out just the way you like it, instead of hard around the edges and runny in the middle.

When the Face Looks Old.

Sometimes your face looks old because it is tired. Then apply the following wash and it will make you look younger: Put 3 drops of ammonia, a little borax, a tablespoonful of bay rum and a few drops of camphor into warm water and apply to your face. Be sure not to get it into your eyes.

Mrs. Sarah Ricketts.

R. 2, Rantoul, Kan.

Makes Wash Day Easier.

Take white soap 2 bars, paraffine 2 block, gasoline 1 pint. Add soap and paraffine to a gallon of water and heat till it melts, then take from the stove and away from all fire and add the gasoline. Use 1 pint of the mixture in washing machine or wash tub. The clothes will be whiter than when it is not used.

Daisy Payne.

Kensington, Kan.

Varnish as a Bedbug Cure.

[Prize Suggestion.]

Varnish is death to the most persistent bedbug. Ten cents worth will do for one bed. Thin with turpentine and apply with paint brush, getting it into all the corners, ends of the slats and springs where they hide. Every corner should receive attention. This plan was followed by a hotel woman for 10 years, with success.

Mrs. E. J. C.

Colorado Springs, Colo.

A Mother's Privilege.

"I can never again make a confidante of my mother," said a lovely young girl to me last summer. "I once told her something of vital importance to me, but shortly afterwards I chanced to overhear her laughing about it with some of her friends who were calling that day." Alas, for mothers who stoop to this unworthy thing! Little wonder that "I would rather tell anyone but mother" is the not uncommon confession of these sensitive young beings!

It seems to me that if a confidence is given into our honorable keeping, from any source whatsoever, it should drop down into our memories as a stone drops into a well, to lie there unsuspected by any one until he who has placed it there returns for it—unquestioned. Neither by

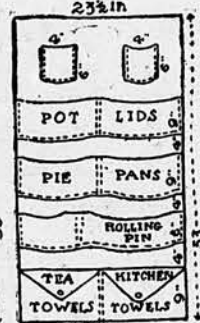
look, word, nor allusion should you betray consciousness of your trust. Though others may come to you and try to talk about it, you are still under honorable bonds not to betray a previous knowledge of it. And this secrecy includes the child's father, also. You have no moral right to reveal his little secret even to this trusted friend. It is therefore wise, when listening to the child's confidence, to ask permission to include father in it, but if this is denied you, you should abide by the decision.

Mrs. L. T. L.

Almost a Kitchen Cabinet.

[Prize Suggestion.]

My wall pockets are a great saving of labor. I bought 12-3 yards of oilcloth. It was 47 inches wide so I cut it in two, making two pieces 23½ inches wide.



One of these I bound with gingham. From the other piece I made 10 pockets, as shown in the illustration. The first two pockets are 4 by 6 inches. In one I keep the silver polish and the polishing flannel, in the other my lamp globe polisher. Nine inches deep, and sewed it fast through the center. I keep my pot lids in this. Then, leaving a 4-inch space, I sewed on another pocket for my pie pans, also sewing it through the center. Leaving another 4-inch space I sewed on a pocket 6 inches deep and 14 inches long for my rolling pin. Then another space of 4 inches, and I sewed a pocket 9 inches deep, divided into two parts, covered with flaps and closed with buttons and buttonholes. I keep my tea towels in one and the kitchen towels in the other. I button the flaps to keep out the dust.

Mrs. Julia M. Pierce.

Lanagan, Mo.

Mahogany Cake.

Mahogany cake made after the following recipe is delicious: Two cups sugar creamed together with 2-3 cup butter;

add 1 teaspoon vanilla, 1½ cups sweet milk, 4 eggs beaten separately, 1½ teaspoons soda dissolved in a little lukewarm water, 2½ cups flour. Bake in layers. For the filling, take 1 cup raisins seeded and chopped fine, 1 cup sugar, 2 tablespoons hot water. Boil for 10 minutes, stirring frequently, then remove. Beat whites of 2 eggs stiff. Have ready a sirup made of 1 cup sugar and water enough to dissolve it, boiled about 5 minutes. Pour this sirup over the eggs, beating hard until it is smooth. Pour some of this frosting on a layer of cake, then spread on raisins, then another coating of frosting; put on another layer of cake, etc.

Alta Vista, Kan.

Reader.

Saving Space in the Kitchen.

My kitchen is small, so I have to utilize all possible space. The chimney is at one side of the room about 6 feet from the corner, so I had a cupboard made just as deep as the chimney and extending to the corner. There are four shelves, the bottom one about 2½ feet from the floor. Below this are driven nails for hanging skillets, bread pans, etc. This cupboard holds nearly all the cooking utensils and keeps them out of sight and dust. It is closed with two doors reaching from top to bottom.

Mrs. E. A. W.

Snowballs.

Take the whites of 5 eggs beaten very light, ¾ cup powdered sugar, ½ cup flour and ½ teaspoon cream of tartar. Take as many jelly glasses as you wish balls, and into each glass put one teaspoonful of dough, put on the covers and steam 1 hour. When done roll in a soft icing made of the white of an egg and powdered sugar, or sugar and cream. Sprinkle grated cocoanut over them and serve with cream.

A. E. Horton.

Allison, Kan.

SIX SILVER NARCISSUS TEASPOONS FREE.

I have just consummated a most remarkable purchase whereby I secured at a ridiculously low figure 5,000 sets of beautiful Silver Plated Narcissus Spoons made by the famous Oxford Silver Plate Company. Each spoon is extra heavy, full standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.

Trial trip until August 1, 1912, for 10 cents, Mail and Breeze, Topeka, Kan.

Built on Honor

Mayer
Honorbilt
School Shoes

are strong, sturdy
and lasting—they
"wear like iron," give
twice the wear of other
shoes and cost no more.
The school shoes with
double leather toes—hard
to wear out—soles and uppers
made of extra tough, wear-
resisting leather.

Mayer
HONORBILT
SCHOOL
SHOES
FOR
BOYS
AND
GIRLS

Are dressy, fit perfectly and are comfortable. All sizes and styles.

WARNING—Look for Mayer Trade Mark on sole if your dealer cannot supply you write to us.

We make Mayer Honorbilt Shoes for men, women and children, including "Leading Lady" and "Special Merit" brands; also "Yerma" and "Martha Washington" Comfort Shoes.

Free Offer—Send name of dealer who does not handle Mayer Honorbilt School Shoes—we will send you free a handsome picture of George or Martha Washington, size 15x20.

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&
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Milwaukee,
Wis.

Trade
Mark



Look for Trade
Mark on the sole

GOLD WEDDING RING FREE

Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the \$1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring, not the cheap kind. Address, R. F. WEAVER, 362 Household Bldg., Topeka, Kan.

Will You Send Me the Names of Just 10 Friends If I Ship You This Beautiful "Gold Medal" Sewing Machine FREE



Warranted
10 Years!

Get full details of
this great offer today!

YES, this offer means just what it says! I am making the most liberal and most remarkable advertising offer ever known. Here is your chance to secure a guaranteed, high-class sewing machine absolutely free of any cost. The conditions of this offer are so very simple and easy to meet that the offer is within the reach of every reader of this paper. YOU may secure one of these beautiful Gold Medal Sewing Machines without it really costing you one cent—without any soliciting or canvassing or public work of any kind.

That sounds unreasonable, you say? Well, maybe it does, but it will cost you but one cent for a postal card in order to get full particulars of my great offer and then prove for yourself that this offer is straightforward and sincere! I want one woman in each neighborhood to take advantage of this most unusual offer. It will cost you but one cent to find out if the free machine offer is still open for your neighborhood—and my advice to you is to send your name for full details at once! The club has just been organized and very few neighborhoods have been supplied with a Gold Medal machine—so your chance is very good if you write at once. Those who do not secure a free machine can buy one for a very small price on monthly payments amounting to only a few cents a day on my co-operative club plan.

Local Demonstrators Wanted! No Canvassing! No Soliciting!

I am in the publishing business and the object behind the organization of the Capper Sewing Machine Club—and the "reason" for this great offer—is that I may have your assistance in introducing my seven papers and magazines in your neighborhood—and yet, I do not require you to do even the least bit of public work!

All I ask you to do is to send me the names of ten or more of your neighbors or friends. I will write them direct about my papers, and my new Sewing Machine Club. I will not even mention your name. You may ask your neighbors in to examine your machine and demonstrate to them its many good points—if you want to. That will help me very materially in my work. But there is no "agent" work, or public work of any kind for you to do!

Now, there you have the main points in my great offer. You see how easily you may secure one of these handsome machines by helping me secure subscription orders for my papers and members for my club—and without going outside of your home to do any work of any kind.

This is indeed a most wonderful offer—one that you surely cannot afford to miss—so send your name on a postal card or in a letter today. Don't send the list of ten names until you get my instructions. Just say "Send me full information about your Gold Medal Sewing Machine Offer." Sign your name and address and mail the card or letter right now! Be the lucky "first member" in your neighborhood. Address,

Capper Sewing Machine Club, Dept. 48, TOPEKA, KANSAS

FARMERS CLASSIFIED PAGE.

Advertisements will be inserted in this department at the low price of 5 cents per word each insertion for one, two, or three insertions. Four or more insertions only 4 cents per word each insertion. Cash must invariably accompany the order. Remit by postoffice money order. No order taken for less than \$1. This does not mean that a single insertion of your ad must cost \$1, but that your total order must reach \$1. All advertisements set in uniform style. No display type or illustration admitted under this heading. Each number and initial letter counts as one word. Guaranteed circulation over 104,000 copies weekly. Everybody reads these little ads. Try a "Farmers Classified" ad for results.

SEEDS AND NURSERIES.

COWPEAS for sale. D. J. Yoder, Haven, Kan.

FOR SALE—Cowpeas. N. D. Mast, Hutchinson, Kan.

IMPROVED Golden Beauty seed corn. Lupton Stock Farm, Lawrence, Kan.

PURE BRED blackbull Kafir \$1 bushel. Arthur Pistorius, South Haven, Kan.

CHOICE fruit trees, ornamentals, berry plants. Waverly Nurseries, Waverly, Kan.

7,000 LBS. pure Texas Ribbon cane seed. \$2.50 per cwt. H. O. Woodard, Eudora, Kan.

KAFIR—Blackbull white. Recleaned seed. \$1.50 bushel. C. E. Crane, Conway Springs, Kan.

CHOICE non-irrigated alfalfa seed \$8.00 per bu., sacks free. Wallace Libbey, Larned, Kan.

STRAWBERRY PLANTS—250 best 5 varieties for \$1.00; \$3.50 per 1,000. C. R. Tuttle, Baraboo, Wis.

ALFALFA SEED direct from grower, \$7.00 and \$8.00 per bu. Sacks 25c. G. A. Chapin, Belleville, Kan.

COWPEAS—Whippoorwill. \$2.25 a bu. Sacked and delivered at Albia, Okla. J. C. Wallenstein, R. No. 3.

ALFALFA SEED. \$10.00, freight paid. No weed seed. Write for price on 4 bu. or more. H. Reynolds, Cashlon, Okla.

ALFALFA SEED. \$10.50 bushel, guaranteed free of dodder. Freight prepaid. J. H. Glenn, Farmer, McAllister, Kan.

FINE ALFALFA SEED. free from weeds and Russian thistles, \$10.00 per bushel, sacks free. Geo. Helsel, Pratt, Kan.

ALFALFA SEED—Good quality non-irrigated alfalfa seed in large or small quantities. David Badger, Eureka, Kan.

WRITE for prices on high grade western brown nursery stock. Salesmen wanted. Brown's Nurseries, Hutchinson, Kan.

KANSAS SUNFLOWER. Reid's Yellow Dent, Boone County White seed corn. Catalog on request. Fred Sanders, R. 3, Concordia, Kan.

SEED CORN—Kansas Sunflower and Boone Co. White. Tested good. Shelled, graded, sacked. F. O. B. W. T. Foster, Republic, Kan.

FOR SALE—Three hundred bushels of alfalfa seed at eight dollars per bushel f. o. b. the cars Bazaar, Kan. Crocker Bros., Matfield Green, Kan.

SEED CORN—Kansas Sunflower. Highest yielder in seven year variety test. Experiment Station. Best drought resister. Corn breeder. J. M. McCray, Manhattan, Kan.

ALFALFA SEED—Offer extra quality alfalfa seed. non-irrigated, \$9.00 bu., delivered any station in state Kan. Sack free. Sample sent on request. L. A. Jordan, Winona, Kan.

WATERMELON SEED—Halbert Honey. oz. 10 cts., lb. \$1.10. Rubber Rind, oz. 20 cts., lb. \$2. Guaranteed pure; unwashed; strong germinators; grown by originator. H. A. Halbert, Coleman, Tex.

GROWING CONTRACTS—Desire to contract for 100 acres each Calico and Bloody Butcher, 1912 crop. Write at once for particulars. Only responsible growers need apply and with bank reference. Address Box 2, care Mail and Breeze.

SEED CORN—Boone County White seed corn grown from thoroughbred corn from K. S. A. C. Also white and yellow corn grown in 1910. Price \$1.75 bushel sacked f. o. b. Ask for samples. J. W. Machin, Wamego, Kan.

PLANTS FOR SALE—Cabbage—Jersey, Wakefield, Winningstadt, Summer, Tomatoes—Early Tree, Dwarf Champion, Tomatoes—30c per 100, \$2.50 per 1,000. All varieties of sweet potatoes. Plants ready May 1st. F. P. Rude, North Topeka, Kan.

FOR \$1 I will send you 8 apple, pear, peach, plum or cherry trees, all budded or grafted, select varieties, or 75 raspberry, blackberry or dewberry, or 20 grape, currant, gooseberry or rhubarb, or 100 asparagus or 200 strawberry plants. Catalogue free. Manhattan Nursery, Manhattan, Kansas.

EGYPTIAN WHEAT (Shallu), now the most talked about of all the sorghums: 1,000 seed postpaid, 25c; peck at Sherman, \$1; pound bushel, \$1.75; bushel, \$3; hundred pounds, \$5. Also have White milo maize, White Amber cane, Ribbon cane, cowpeas, soy beans, Velvet beans, June corn, Spanish and other peanuts, Johnson grass seed, Bermuda grass seed, etc. Pittman & Harrison Co., Sherman, Texas.

FOR SALE.

FOR SALE—Twenty-five thousand hedge posts. H. W. Porth, Winfield, Kan.

FOR SALE—Fine threshing outfit. Burlington Repair Works, Burlington, Kan.

FOR SALE—A good threshing outfit \$875. For further information address Edward Antene, Ada, Kan.

FOR SALE—Baled hay, hedge posts, cane, Kafir, alfalfa and millet seed. P. Ludvickson & Co., Severy, Kan.

FOR SALE.

FOR SALE—40,000 lbs. best leaf tobacco. Mail stamps for samples to Anton Wavrin, Franklin, Ky., R. No. 5.

10 H. P. PEERLESS steam traction engine for sale; good shape; half price; \$150. Ben Anderson, Knox City, Mo.

FOR SALE—\$4,000 stock general mdse. will sell at a bargain if sold at once. Write B. & S., care of the Mail and Breeze.

FOR SALE—A complete Gaar-Scott threshing outfit. Fine condition. Will sell right. Address W. H. Lowe, Caldwell, Kan.

UP TO DATE creamery four years old, doing good business, in Custer Co., Okla., cheap for cash. Box 206, Harper, Kan.

SYRUP—Pure Louisiana sugar cane syrup. Put up at the mill in sealed cans. Six on gallon cans at \$4.00; 12 half-gallon cans for \$4.25. All delivered. Address Mary & Tuma, Washington, La.

MAPLE SYRUP for sale, made from the sap of hard maple trees; guaranteed pure; put up in cans containing one gallon each; price one dollar and 35 cents per gallon in lots not less than ten gallons or more. Send money with order. Joe Steinfest, Athens, Pa.

FOR SALE OR EXCHANGE.

DEAL DIRECT by listing with us. List of trades free. Exchange Co., Cassoday, Kan.

FOR SALE OR TRADE—San Luis valley, Col., subirrigated land; produces immense crops; no lack of water; also fine flowing wells; price reasonable. Box 36, Formoso, Kan.

FOR SALE or will trade second hand four cylinder Buick automobile, for 4,000 good hedge posts; must be straight, and not less than 3 inch top. Box 202, Winfield, Kan.

FOR SALE OR EXCHANGE—30 acres valley farm land, 7 miles from Lamar, under Amity Canal, shallow to water, charter on three small ditches, 10 acres plowed, adjoins A. V. R. E. Fenced on three sides. A. J. Parsons, Lamar, Colorado.

HORSES, CATTLE, HOGS, SHEEP.

GALLOWAY bulls for sale. Jake Darrow, Miltonvale, Kan.

HEREFORD bulls 15, 17 months. J. D. Halloran, Castleton, Kan.

PONIES, many breeds, stock, dogs, catalog. Beechhurst, Shelbyville, Ky.

FOUR-YEAR-OLD black Shetland stallion for sale. F. Hook, Tecumseh, Kan.

ONE HEREFORD bull, 12 months old, 800 lbs., cheap. Ben Anderson, Knox City, Mo.

RED POLLED bulls for sale. Oldest breeder in central Kansas. L. W. Poulton, Medora, Kan.

FOR SALE—Registered Jersey bulls, one and two years old. H. F. Schuetz, Washington, Kan.

REGISTERED Percheron stallion, dark gray, 5 yrs old. Price right. G. E. Clark, Topeka, Kan.

AM "long" on Jersey bulls—some are from my best cows and royally bred. Chester Thomas, Waterville, Kan.

FULL BLOOD Holstein bull calves and yearlings and same grade calves related to the best Holstein stock in America for sale. G. Regier, Whitewater, Kan.

FOR SALE—60,000 stock cattle and feeders. Wichita Live Stock Com. Co., Room No. 5, Stock Exchange, Wichita, Kansas. Branch office, Lubbock, Texas.

DOGS.

PEDIGREED Scotch collie pups. G. A. Wiebe, Beatrice, Neb.

DOGS FOR SALE—Particulars for stamps. E. Wood, Glenhaven, Wis.

SCOTCH COLLIE pups, good color and good workers. Address A. W. Toews, Inman, Kan.

WHITE Spitz-Eskimaux puppies. Beauties, for shipment; low prices. E. Brack, Havensville, Kan.

SCOTCH COLLIE pups for sale. Two yearlings, male and female. Two pups, male and female. E. B. Hickman, Orlando, Okla.

THOROUGHbred fox hound pups for sale. My old dogs catch and hole red fox pups. Sired by Jock 3502. Ray Tinker, Forsyth, Mo.

LANDS.

BARGAIN SALE—By owner. Two large houses, west side, 635 Morris Ave., Topeka.

GOVE COUNTY ranch land \$10. Wheat land, improved, \$20. P. H. Smith, Grainfield, Kan.

ONE of the best lots in Manhattan. Centrally located. Terms. Address Owner, Manhattan, Kan.

GOOD 80 acre farm for sale, 3 miles from town; all bottom wheat land. Price \$55 acre. Box 431, Independence, Kan.

HAPPY WYOMING HOMES: 35,000 acres guaranteed Carey Act lands; 60,000 under completed irrigation system. Low prices. Easy terms. Write Wyoming Development Co., Cheyenne, Wyo.

LANDS.

HOMESTEADS—Special information. Riverside Kolona, Harrison, Ark.

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

ANY ONE wanting to purchase a farm in Arkansas, the richest and the best in the state, write H. C. Moren Real Estate Co., Keo, Ark.

GREAT bargains in Sherman county land. Now is a time to buy. What have you to trade? Write Kysar Realty Company, Goodland, Kan.

NEW RAILROAD now building! Come in on the ground floor! Buy Kansas land in Ford and Gray counties. Level, dark loam soil. Liston Dennis, St. John, Kan.

FOR SALE—1,280 acres smooth plow land. Lipscomb county, Texas. On line of Enid-Ochiltree and Western R. R. now building. \$15.00 per acre. Will divide. Milo Owen, Neosho Rapids, Kan.

FREE FARMS—Government lands free; 1,000,000 acres in Arkansas for homesteading. Where located and how secured shown in our 1912 booklet. Sent postpaid 25c. Glass & Co., Harrison, Ark., Dept. A.

FOR SALE—\$1,000.00 cash will handle this 200 a. grain and stock farm in Pike Co., Mo., 3 1/2 mi. R. R. town, 1 1/2 mi. to gravel road to 3 good towns; will take some trade. G. R. Miller, Bowling Green, Mo.

DELIGHTFUL OREGON: Famous Sutherlin Valley orchard lands offer wonderful opportunities. Illustrated literature, maps, prices and particulars free. Luse Land & Development Company, Ltd., St. Paul, Minnesota.

5 CENTS AN ACRE CASH—Texas school land is now on market; you can buy good land at \$2 per acre; pay 50¢ per acre cash and no more for 40 years, but 3 per cent int.; send 5 cents postage for further information. Investor Pub. Co., Dept. 7, San Antonio, Texas.

270 ACRE farm one mile from college town, best farm in neighborhood, fine house with water system and natural gas, large barn, silo. Has been well farmed by owner. All tillable, never before offered for sale. Clear, \$100 per acre. Terms. Have others. Write me. J. L. Hitchcock, Baldwin, Kan.

OFFICIAL LIST of free government farms to be given to homesteaders by the government in 1912, in 180 and 320 acre tracts. Describes every acre in every county in U. S. How secured free; all about government irrigated farms, timber, coal and mineral lands. 1912 diagrams and tables, complete information. Send for it. Webb Pub. Co., Sta. K, St. Paul, Minn.

FARMS FOR SALE.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 100,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 25¢ per line of seven words. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

AGENTS WANTED.

FARMER AGENTS wanted to sell riding attachments and farm implements. Liberal offer. Write the Brown Brokerage Co., Coffeyville, Kan.

WANTED—Men in every town in Mo., Kan., Ill., Neb., Okla., Ark., to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

AGENTS WANTED to sell our high grade nursery stock; big wages and free outfit; now is the time to begin. Write for terms to Western Nursery Co., Lawrence, Kan.

WANTED—Five general agents in the state of Oklahoma. Mail application giving detailed information concerning past record with one bank reference. Circulation Department, Farmers Mail and Breeze, Topeka, Kansas.

\$5 TO \$10 a day for reliable men and women agents; easiest, fastest, best sellers ever offered; nine sales to each ten calls, by our special plan; big profits for you. Full details free. Address, Household Co., Agency Division, No. 50, Topeka, Kan.

WANTED—Reliable agents, who are traveling in rural districts, to take subscriptions for our popular Farm Journal and Home Magazine. Double your wages by taking on this side line. Write for liberal proposition immediately. Arthur Capper, Pub., Missouri Valley Farmer, Dept. 22, Topeka, Kan.

AGENTS WANTED—Exclusive territory. Good chance to build up permanent business. Mail us \$10 for 36-pound feather bed and receive, without cost, 6-pound pair pillows. Freight on all prepaid. New feathers. Best ticking. Satisfaction guaranteed. Turner & Cornwell, Feather Dealers, Dept. 45, Charlotte, N. C. Our reference: Commercial National Bank.

ACTIVE, ambitious farmers can make good money "on the side" or devoting their entire time to the work, by representing the old reliable Germania Life Insurance Company of New York. One of the strongest, best known life insurance companies in the world. Prospects for old life insurance never so good as now. Write about a local agency to Geo. Godfrey Moore, State Agent, 705 Jackson St., Topeka, Kan.

AUCTION SCHOOL.

MISSOURI AUCTION SCHOOL, largest in world. Own largest living mule. 1404 Grand, Kansas City.

MALE HELP WANTED.

\$500.00 PER MONTH as our salesman. Burlington Repair Works, Burlington, Kan.

WANTED—Reliable man to sell nursery stock. We have a splendid position to offer. Write today for particulars. James Truitt & Sons, Nurserymen, Chanute, Kan.

WANTED: Railway mail clerks, rural and city carriers, postoffice clerks. Thousands needed. Examinations soon. Trial lesson free. Write: Osmont, 38 St. Louis.

SALESMEN wanted in Kansas, Oklahoma, Missouri and Arkansas. Work full or part time, as you prefer. Pay weekly. Outfit free. The Lawrence Nurseries, Lawrence, Kan.

RAILWAY MAIL CLERKS—Wanted—\$90.00 month. Steady work. May examinations. Everywhere. Sample questions free. Franklin Institute, Dept. A 55, Rochester, N. Y.

500 MEN 20 to 40 years old wanted at once for electric railway motormen and conductors; \$60 to \$100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address F, care of Mail and Breeze.

WANTED—High class responsible representatives to whom we will give exclusive territory in Kansas, Oklahoma and Nebraska. Good subscription solicitors under our excellent plan and with our exceptionally liberal proposition, make big wages. Permanent employment will be given to those who demonstrate their ability to do high class work. Full particulars will be furnished on application. Applicants must furnish two references letters with their application. Address Arthur Capper, Publisher, Topeka, Kansas.

WANTED—RAILWAY MAIL CLERKS—Average \$90.00 month. Rapid advancement. Every second week off duty with full pay. Short hours. No "layoffs." Work very interesting as you travel continually on free passes. May examinations everywhere. 2,000 appointments coming. Common education sufficient. "Pull" unnecessary. Farmers stand excellent chance. Write for free sample questions and schedule showing examination places. We prepare candidates free. Write immediately. Franklin Institute, Dept. A 55, Rochester, N. Y.

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L 157, Marden Building, Washington, D. C.

FEMALE HELP WANTED.

WOMEN AND GIRLS wanted to sell our up-to-date line of beautiful Post Cards; very latest styles; enormous demand; our agents make \$2 to \$8 a day in spare time; no talking or peddling necessary; our special copyrighted selling plan and a big package of beautiful samples for only 2 cts. to pay mailing expense if you mean business. Butler Post Card Co., 65 Capital Block, Topeka, Kan.

SALESMEN WANTED.

SALESMEN—To sell high grade guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyer the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plans. F. M. Hitchcock Hill & Co., Chicago.

PATENTS.

STEWART BROWN, Patent Attorney. Write for particulars. Address Wichita, Kan.

SEND FOR FREE BOOKLET, All About Patents and Their Cost. Shepherd & Campbell, 500 C Victor Bldg., Washington, D. C.

IDEAS WANTED—Manufacturers want Owen patents. Send for three free books with list 200 inventions wanted. Richard B. Owen, 34 Owen Bldg., Washington, D. C.

PATENTS BRING RICHES when of value. Our free books cover the subject. We give personal service. Wide experience. Trade marks registered. Write today. Beeler & Robb, 241 McGill Bldg., Washington, D. C.

PATENTS THAT PAY. \$427,530 made by clients. 2 books—"What and How to Invent"—Proof of Fortunes in Patents! and 112-p. Guide free! Free report as to patentability. E. E. Vrooman, Pat. Att., 885 F St., Wash., D. C.

ENGINES.

GASOLINE ENGINES—Four cylinders cast separately; valve in head; 30 horse power; water cooled; brand new auto engines with magneto and carburetor, \$150; without equipment, \$100; worth three times the price asked. Can be mounted on truck and used for all kinds of farm purposes. P. O. Box 176, Topeka, Kan.

TYPEWRITERS.

OLIVER VISIBLE TYPEWRITER for sale cheap. Perfect condition and does splendid writing. Could send on trial. Charles B. Rickart, Route 5, Rosedale, Kan.

FARM WANTED.

WILL BUY good farm. Well situated. Owners only. Give description and price. Add. Coens, Box 754, Chicago.

HOME CANNERS AND SUPPLIES.

BEST HOME CANNERS. All sizes. Latest methods. Illustrated literature free. Headquarters for cans and labels. Write today. Royal Canner Company, 67 News Bldg., Chattanooga, Tenn.

AUTOMOBILES.

OFFICIALS CAR FOR SALE—The personal car belonging to an official of this company. This car has always been kept in the best of shape. It is mechanically as good today as when new and is a bargain for somebody. Full particulars upon application. The Thomas B. Jeffery Company, Kenosha, Wis.

AUTOMOBILES—We have several new 5-passenger, 40-horse, 116 wheel base, 36-in. wheels, equipped with Olds engines, tools, lamps, horn and jack, to close out. \$1,000. These cars are listed at \$1,500. We are going out of business. If you want car and are not prepared to pay cash, will take good notes. Write us for particulars and complete specifications. Topeka Motor Car Co., Topeka, Kan.

MISCELLANEOUS.

PRICE your two-row lister at cost—good order. Supt. Haney, Boone, Colo.

BALDNESS, dandruff, itch, dry, short, greasy thin hair cured by A. Spier, Boulder, Colo.

HARNESS—Our harness is correctly made and prices right. Write for catalogue. Ed Klein, Lawrence, Kan.

EVERLASTING FENCE POST—Easy to make; cheaper than wood; circular free. John Gustin, Beaverton, Oregon.

MAKE YOUR OWN SKIN foods and toilet preparations; 20 recipes 20 cts. Occidental Supply Co., 5965 Ridge Ave., St. Louis, Mo.

LIGHTNING destroys homes. Why not protect them with our copper cable? We sell direct to customers. Kinzie & Mellenbruch, Hiawatha, Kan.

HOUSEWIVES—Economize. Get my Daily Expense Record. Easily kept. Free descriptive leaflet. Book fifty cents postpaid. Marvin R. Doty, 8-D, Stamford, Conn.

IF YOU WANT to send a Kansas paper to your friends, subscribe for the Kansas Weekly Capital—a whole year for only 25 cents. All the Kansas and Topeka news of the Daily Capital boiled down. The best weekly newspaper in the U. S. for the money. Address Kansas Weekly Capital, Dept. 14, Topeka, Kan.

Our Money-Saving Clubbing List.

By special arrangement we are enabled to offer yearly subscriptions to the following publications together with a year's subscription to the Farmers Mail and Breeze, at reduced prices for the combination. We furnish any publication in the country, in connection with a year's subscription to the Farmers Mail and Breeze at reduced rates. If any publication not named below is desired write for rates on it and the Farmers Mail and Breeze together. Why not order your other newspapers through us? We can save you money and guarantee prompt and courteous treatment. Address MAIL AND BREEZE, Topeka, Kan.

NAME OF PAPER AND PLACE OF PUBLICATION.	Our price for both
"sw" semi-weekly, "w" weekly, "sm" semi-monthly, "m" monthly.	
1.50 St. Louis Republic.....sw	1.35
1.25 Farm Progress.....sm	1.15
1.25 Chicago Inter-Ocean.....w	1.25
1.25 Weekly Capital.....w	1.15
5.00 Century Magazine, N. Y.....m	4.50
2.00 Cosmopolitan, Irvington, N. Y. m	1.85
1.50 Farm & Home, Chi. & Spfd. sm	1.25
5.00 Harper's Magazine, N. Y.....m	4.30
2.00 Kansas Farmer, Topeka.....w	1.75
2.25 Munsey's Magazine, N. Y.....m	1.95
1.50 Poultry Culture, Topeka.....w	1.10
4.00 Review of Reviews, N. Y.....m	3.50
2.00 The World, New York.....m	1.65
2.00 Toledo Blade, Toledo.....w	1.25
1.50 Housekeeper, Minneapolis.....w	1.10
1.25 Missouri Valley Farmer.....m	1.10
1.25 K. C. Weekly Star.....w	1.10
1.25 K. C. Weekly Star.....w	1.10
3.00 Breeders Gazette, Chicago.....w	2.90
2.00 New York Weekly Tribune.....w	1.75
2.00 The Commoner, Lincoln, Neb.....w	1.65
2.00 Success Magazine.....w	1.85
2.50 Woman's Home Companion.....m	2.00
2.00 Campbell's Scientific Farmer.....w	1.75
1.75 Farm Journal, Phila., 5 years.....w	1.70
1.25 Kimball Dairy Farmer.....w	1.25
2.00 Globe-Democrat, St. Louis.....sw	1.40

A PAINT THAT PRESERVES. 10c Gallon. A paint that gives better service, at less cost, for barns, silos, etc., and for dipping posts and poles.

Petrosote

is an all-purpose farm paint, preservative and disinfectant. It kills lice, mites and vermin. Hundreds of farmers find it worth many times its cost. Our free booklets give complete uses, directions and testimonials. Write for them today. Trial can, five gallons \$1.00.

50 Gal. \$5.00. PETROSOTE MFG. CO. Dept. B LINCOLN, NEB.

IMPORTANT ANNOUNCEMENT.

Change in Wyatt Selling Plan—The F. Wyatt Manufacturing Company, of Salina, Kansas, makers of the "Jayhawk" Hay Stackers and Sweep Rakes, Come Out With the Announcement That They Have Discontinued Marketing Their Hay Tools Through the Retail Implement and Hardware Dealers—They will Now Sell Direct to the Farmer.

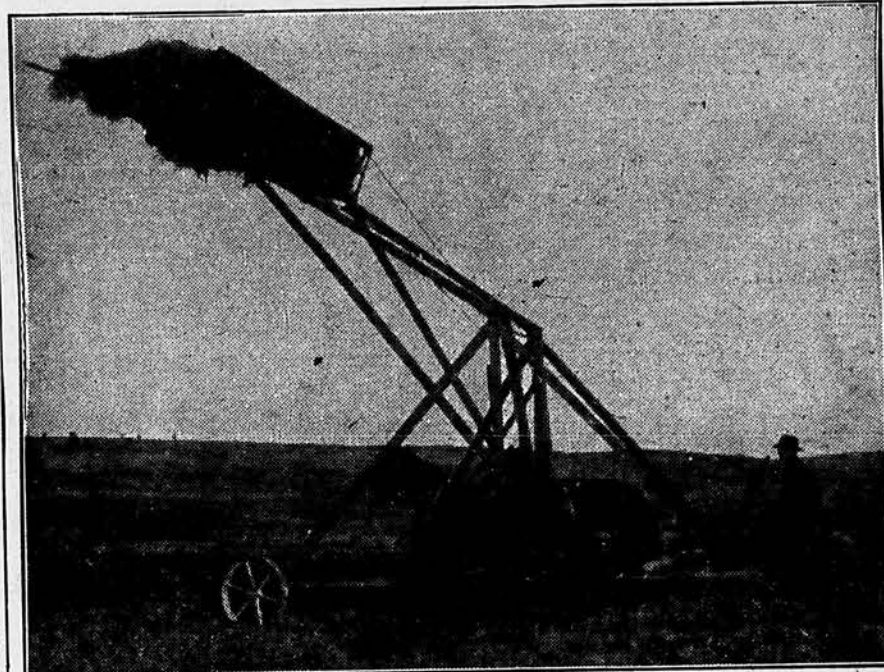
This announcement comes as a surprise to the farmers of the West and is a matter which is of great importance to them. Our representative, Mr. Johnson, visited the



MR. F. WYATT.

office and factory of The F. Wyatt Mfg. Co., when in Salina recently, and received, first hand, this information concerning their change in policy. He also obtained a complete history of this large manufacturing company from the very beginning. He was much interested in the development of their business which began in a

doing business and this was about 10 years ago too. This was the beginning of the portable hay stacker. To use our Mr. Johnson's own words, "It is not necessary to say that The 'Jayhawk' Portable Stacker was a great success. The many thousands of 'Jayhawk' stackers which we see in the field during the haying season in every hay growing state in the Union is evidence enough of the wonderful success of these machines." Mr. Wyatt located in Salina, Kansas, and began the manufacture of his machines in a very small way. He claims that he made and sold only about 65 stackers the first year. It is a remarkable fact that his machines were a success from the very first. Mr. Wyatt was so much encouraged with their success that he enlarged his factory, turning out more than 1,000 the following year. He has been building additions to his factory and adding new equipment every year since he started his little factory 10 years ago until now he has a modern factory which is completely equipped. The output now runs up into the thousands each year. Mr. Wyatt now has a complete, well organized institution. He is assisted in the management of the business by his two junior partners who have been with him a long time and who understand their business well. These three gentlemen are always on the job and ready and glad to meet their friends the farmers and hay growers. They are there for business and give their personal attention to every letter which comes in. They are always glad to answer any and all questions which their customers may write about and will give their customers the best information they are able to give. The F. Wyatt Manufacturing Company has adopted the plan of selling direct to the consumer and they are firm believers in the principle of "one profit only" as they have so plainly described in their new Hay Stacker Book. Under this plan they claim to be able to sell at a price about 20 per cent lower than formerly. The machines have been improved from time to time and have now the latest improvements. Their latest production is a Galvanized Steel Portable Hay Stacker. This machine is built on the same principle as the regular wooden stacker. This steel stacker is a beauty and is a wonderful example of lightness and strength combined. All the machines are covered by their guarantee. The factory at Salina is running full blast and it looks like



THE FIRST "JAYHAWK" STACKER MADE.

very small way but is now the largest manufacturing of its kind in the West. This company has just completed the copy for a Hay Stacker Book which will be off the press within a few days. This book contains a very interesting story of how The "Jayhawk" Stacker came to be invented. It will be sent, on application, by mail to any one desiring it. Our Mr. Johnson read this story while at their factory and was very much interested in the account. Mr. Frank Wyatt, president and general manager of the institution, is a very interesting man to meet. Mr. Wyatt claims that he is still a farmer and can look at matters which interest the farmer just as a farmer would view it. Mr. Wyatt was brought up on a farm in Missouri where he lived until he decided to "go it for himself" when he bought a ranch in western Kansas and went west to grow up with the country. It was while on this western ranch he invented what he calls The "Jayhawk" Hay Stacker. Mr. Wyatt claims his machine to be the first hay stacker ever built on wheels. His first stacker was a very heavy and clumsy machine, but it did the work and they say that it is still

they would have enough "Jayhawk" Stackers and Rakes to supply the whole world. They already have a large stock of machines completed and ready for shipment. Salina is a good shipping point having several main line railroads and a number of branch roads and there should be no delay in filling orders, and insuring prompt delivery to their customers. A new "Jayhawk" advertisement appears in this issue on page 40. Write for catalog to F. Wyatt Manufacturing Company, Salina, Kan. Say you saw the ad in Farmers Mail and Breeze.

There's Room.

The world has room for a sunny heart,
A smile, and a cheery song;
There's grief enough with its pain and smart,
The world has room for the sunny heart.
So smile and sing though the deep tears start.
Though life seem a journey long—
The world has room for your sunny heart,
Your smile, and your cheery song.
—Arthur Wallace Peach.



MAIN FACTORY BUILDING OF THE WYATT COMPANY.

SAMSON WINDMILLS

Different than all others and better because of the double gears, big oil boxes, drop-forged wrist pin, removable bearings, center lift. No side strain, no noise. Big, heavy and powerful. 4, 6, 8, 10, 12, 14, 16, 18, 20 ft. diameters. Send for catalog. Also feed mills, pump jacks and gasoline engines.

STOVER MANUFACTURING CO.
112 Samson Ave., Freeport, Ill.

THE AUTOMOBILE RUSH
will soon be on. Hundreds of well paid positions will be open. Prepare yourself now by a thorough training in our large shops. Many cars. Repainting, overhauling, road work. Write for particulars. National Auto Training Ass'n Omaha, Neb.

Trusses Like These Are A Crime



Get Rid of Straps and Springs and be CURED

Simply write for our free cloth-bound Book of Advice, containing facts which took us 40 years of day-after-day experience to learn. It tells how 200,000 people were benefited and cured in a simple and inexpensive way. Book explains why druggists should not be allowed to sell their misery-making trusses. Explains the dangers of operation and why it is no longer necessary. Exposes the humbug "discoveries," "appliances," "plasters," etc., and puts you on guard against throwing money away. Book tells how the wonderful Clute Self-Massaging Pad cures Rupture by strengthening the weakened muscles while holding continuously with ease—Sent on 3 days' trial to prove it—how it is waterproof—no leg straps—no body springs—how it ends all expense on account of rupture. 10000 Public Endorsements sent with the book. After you have read this book you'll know more about your condition than if you had gone to a dozen doctors. You'll know how to get immediate relief without risking a penny. When writing please give our box number.

Box 54—CLUTE COMPANY
Bloomfield, New Jersey.

FREE 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 foul size. With needle the awl is 6 1/2 in. long. It is the Myers Famous Lock Stitch Sewing Awl. It is the only Sewing Awl made 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.

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

MAIL AND BREEZE

is the biggest and best farm journal in the West with over 100,000 readers. Established in 1873. Price, 1 yr., \$1.00. The best edited farm journal in America.

Pub. Mail and Breeze, Topeka, Kan.

Dear Sirs:—Enclosed please find \$1.25. Send me your paper regularly for 1 year, and one of the famous Lock Stitch Sewing Awls free and prepaid.

Name

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MARKET PROBABILITIES

Notwithstanding Unusually High Cattle Market, No Price Reducing Factors Are in Sight—Traders Believe Hogs are Due to Go Up Another Half Dollar by July—Another Jump For Grain

(Written Specially for the Farmers Mail and Breeze.)

New high records were established last week in the cattle market. Prime steers fell short of the previous high records but the medium to fairly good steers that brought \$7 and upward were the highest in the experience of some of the oldest buyers. One man characterized the high values as "crazy," another as "unprecedented, and another as only the "beginning of a general advance." However high values are now, there is little prospect for any price reduction. Reports from all sections of the country state that few cattle are on feed, and there are no hopes for grass fat steers being a source of supply for at least six weeks longer. Some Southern grassers have already reached Fort Worth but they were short in weight and sold poorly. Colorado and the Northwest are sending in moderate consignments of hay fed steers, and some meal feds from Texas and Oklahoma are still in sight. The great central feeding section is due to fall far short of former years. With corn now selling above 80 cents, and desirable weight feeding cattle at record prices there will be no attempt to turn many steers on full feed for either the July or August market. Grass will relieve the necessity of feeding much grain but such cattle cannot take on much weight before August. The shortage in beef will show until another corn crop can be turned to beef. If retail prices for beef are advanced much further demand will be greatly curtailed, and may cause temporary set backs in prices for cattle live weight and when prices get too high packers quit trading often resulting in a series of dull markets. Compared with the preceding week prices for cattle are 15 to 40 cents higher, and about \$2 a 100 pounds above a year ago. Choice steers have shown the least advance and the medium classes the most. Quality however, is lacking and will be for a long while to come. September is expected to be the highest time of the year for prime fat steers, though at no time will any class sell cheap.

Butcher Cattle Prices Up.

Cows, heifers and bulls, the class of cattle that supplies the large part of the cheaper cuts of beef are selling at record prices. Bulls were up to \$8.50, cows up to \$7.25, and heifers up to \$7.85, at river markets last week. These prices are higher than Chicago quotations. Demand for breeding stock in the Central West is keeping the supply small. As for steers there is no prospect for increased supplies, but on the other hand decreases are indicated. Veal calves declined, as the dairy calves are moving freely.

Moderate Decline For Hogs.

Two days' liberal supplies last week turned prices for hogs down, and for a time it looked as though a general break was due. After Wednesday the movement subsided and the market started up again, practically making a full recovery of the mid week decline. Packers however are making a hard fight to keep prices below \$3 and contend that all they need is to get enough hogs to supply the fresh pork trade. It is noticed however that when the market shows any weak spots they are eager buyers. It is the contention of a good many traders that another 50-cent advance is due in the market between now and July. They base

their belief on a shortage in hogs and the scarcity of feed. The growing grass will save a good many hogs from being marketed, and it is reported that farmers are paying \$7 to \$7.50 for stock hogs. Fewer light weight hogs are coming than for some time past, but at the same time heavy hogs are scarce. A much larger per cent of the late farrowed pigs were saved than from the March pigs.

Takes Nerve to Buy Feeders.

With corn 80 cents, feeders \$7 and better, where will the profit come? That depends on the future prices for fat cattle. At any rate it takes nerve to put through such a deal. Some are buying on that basis, but even at the high prices few thin cattle are available, and at no time in the future will prices be low. Declines may be quoted as cattle fell on grass, but the increased weight will about offset the decline. Stock cows are selling relatively better than any other class, and stock calves are sought eagerly.

Setback in Sheep Prices.

Prices for sheep early last week reached new high levels for the year, but since Wednesday a decline of 15 to 35 cents was reported after several days of indifferent demand. Such a decline was expected as prices have advanced steadily for the past month, and receipts continued liberal. The supply of fed sheep is rapidly diminishing, and outside of the Arkansas valley in Colorado no large numbers have been unmarketed. However the general season is one of transition, and will be readjusted on the basis of grass fat grades, and spring lambs. Some Texas grassers were marketed last week at \$5.40 to \$5.80, and a few early spring lambs have reached market. The two big movements to be reported next are the Southwest grassers and the Southern spring lambs. They are due from May on. Feed lot supplies will be cared for without much change in prices, but the grassers and lambs will sell lower. Demand for mutton continues broad and with wool high and other meats scarce sheep should be in strong request.

The Movement of Livestock.

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

	Cattle	Hogs	Sheep
Kansas City	21,175	41,250	39,850
Chicago	42,100	122,000	76,500
Omaha	12,000	71,600	64,600
St. Louis	12,600	39,000	13,900
St. Joseph	5,650	31,500	7,000
Total	93,525	305,350	201,850
Preceding week ..	87,700	276,700	176,850
Year ago	124,090	351,590	188,610

The following table shows receipts of cattle, hogs and sheep at the five western markets, Monday, April 15:

	Cattle	Hogs	Sheep
Kansas City	6,500	6,750	11,000
Chicago	21,000	37,000	25,000
Omaha	4,200	6,700	4,800
St. Louis	2,000	6,000	2,500
St. Joseph	1,800	8,000	1,500
Total	35,500	64,400	44,800
Week ago	35,700	77,800	61,000
Year ago	31,600	62,300	40,700

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

	Cattle		Hogs		Sheep	
Per 100 lbs.	1912	1911	1912	1911	1912	1911
Chicago..	\$8.85	\$6.85	\$7.97 1/2	\$6.55	\$7.10	\$5.30
Kan. City	8.60	6.50	7.95	6.45	7.10	5.25

Mule Prices High Again.

Mules have led the demand in the past week, and prices are again as high as they were a year ago when record sales were quoted. The principal outlet is for farm and heavy construction work. Prices are \$5 higher than a week ago. Heavy drafter chunks and city horses are in strong request. Flood conditions in the South have greatly reduced the demand for the fair to medium weight horses usually classed Southerners. Few mine mules are selling, and there is a narrow outlet for plugs.

Sensational Rise in Grain.

Reports of large damage to the growing crop together with manipulation were turned into the speculative wheat market rather suddenly last week and prices shot up 6 to 8 cents. This affected cash wheat prices and they rose to new high levels for the year. Scarcity of corn sent prices up 5 to 6 cents to the highest levels in (Continued on Page 39.)

HENS MUST LAY

WHEN FED GUARANTEED
PRATTS POULTRY REGULATOR

WANTED!

MORE FARMERS TO CULTIVATE MORE ACRES AND PRODUCE MORE BUSHELS OF CORN PER ACRE AT LOWER COST BY USING THE BEATRICE TWO ROW CULTIVATOR. WE PROVE WHAT WE ADVERTISE—YOU CAN MAKE MORE MONEY. WRITE TODAY FOR FREE CATALOG THAT TELLS HOW. BEATRICE IRON WORKS, BOX 0 BEATRICE, NEBRASKA, U.S.A.



GRAND CHAMPION BUSHEL OF CORN
AT THE NATIONAL CORN EXPOSITION OMAHA, DEC. 1909 BOUGHT BY
ARTHUR CAPPER FOR \$280.00 AND BROUGHT TO KANSAS

Greatest Seed Corn Offer Ever Made!

Grow Record-Breaking Crops From the
World's Purest and Finest Seed Corn

"Grand Champion" White Grown from Grand Prize
Bushel for Which I Paid \$280.00

Two Pounds

FREE

To Each
Subscriber

I am reproducing here a photograph of the world's best bushel of Seed Corn—the bushel which was awarded first prize at the National Corn Exposition, Omaha, Nebraska, and which I purchased for \$280.00 cash. I gave some of this seed corn to Mr. H. V. Cochran, one of the most expert seed corn growers in America, and the seed which I offer here was grown from the prize bushel and you will find it the equal of the original bushel, which brought perhaps the highest price ever paid for a bushel of seed corn.

The corn is a large pure white, deep grain, matures in less than 100 days and is an extra heavy yielder. I believe this to be the greatest opportunity ever presented for the readers of my paper to make a record increase in the quality and yield of future corn crops. The way to improve the corn crop is by the use of high-bred seed—and here is seed which I believe cannot be equalled by any other no matter what the price. A few pounds of this seed should bring enough fine quality seed to plant your entire acreage next year.

Here Is My Great Offer:

I have had this "Grand Champion" corn put up in one pound packages, all ready for mailing. As long as my supply lasts I am going to give it away on these very attractive offers:
Two pounds of corn and a year's subscription (new, renewal, or extension) to Farmers Mail and Breeze—for \$1.00. I will also give you two additional pounds for each new yearly subscription you send me other than your own at the regular rate of \$1.00 a year. You pay nothing for this corn—it is mailed to you, postpaid, as a free gift for your own or your neighbor's subscription to The Mail and Breeze at the regular rate—2 pounds with each yearly subscription.

BE QUICK! No Time to Lose!! When My Small Supply Is Gone No More Can Be Had at Any Price!

You've no time to lose if you want to be sure of getting your share of this World's greatest seed corn! I have only a very limited quantity and can secure no more at any price when this supply is gone. Send your subscription or renewal at once. If too late, I will notify you and return money. Fill out and mail coupon at once. You can't afford to lose out on this greatest seed corn offer! Address

ARTHUR CAPPER, Publisher, TOPEKA, KANSAS

Use This Coupon NOW!

ARTHUR CAPPER, PUBLISHER MAIL AND BREEZE, TOPEKA, KANSAS.
I enclose \$1.00 for which send Mail and Breeze one year, also send me free and prepaid Two Pounds of your "Grand Champion" White Seed Corn as per offer.

This is a subscription.
(State whether new, renewal or extension.)

My Name

Postoffice

R. F. D. State

(Use letter paper for sending other subscriptions.)

It's a Wet Year; Drain Tile Is Cheap; ACT NOW!

Telephone your order at our expense—it will be shipped to-day.

Every day counts in a wet field; your gain this year alone will pay for the tile.

Mail orders filled same day received.

W. S. Dickey Clay Mfg. Co.,
206 N.Y. Life Bldg. Kansas City, Mo.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department

FIELDMEN.

A. B. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.
E. R. Dorsey, Missouri, Kansas and Iowa, Girard, Kan.
J. W. Johnson, Beloit, Kan., Kansas and Nebraska.
C. H. Walker, Kansas, Missouri and Iowa, 1015 Central, Kansas City, Mo.
Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.
G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Shorthorn Cattle.

June 6—C. S. Nevius, Chiles, Kan.
June 6—C. S. Nevius, Chiles, Kan.
June 7—Jos. Miller & Son, Granger, Mo.

Jersey Cows.

April 26—Fred J. Dial, Manhattan, Kan.

Angus Cattle.

Apr. 26—E. M. Gates, La Plata, Mo.
Apr. 30—Association Bull sale at Omaha, Neb. Chas. Gray, Sec., 817 Exc. Ave., Chicago, Ill.
May 2—Association Bull sale at Chicago, Chas. Gray, Sec., 817 Exc. Ave., Chicago, Ill.

Poland China Hogs.

May 8—Roy Johnston, South Mound, Kan.
May 14—Nevius & Wedd, at Spring Hill, Kan.

May 15—Matt Alton, Erie, Kan.
Aug. 7—John B. Lawson, Clarinda, Ia.
Aug. 7—(Evening sale) L. R. McLarnon, Braddyville, Ia.
Aug. 8—J. W. Pfander & Sons, Clarinda, Ia.
Aug. 9—J. O. James, Braddyville, Ia.

Duroc-Jersey Hogs.

April 30—T. F. Johnston, Garfield, Kan.
May 9—Sam'l Drybread, Elk City, Kan.
May 10—J. J. Baker, Independence, Kan.

Kansas and Oklahoma.

BY A. B. HUNTER.

Here Is Your Chance.

C. W. Weisenbaum, Altamont, Kan., offers choice Hampshire hogs, most any age, boars, sows and gilts bred or open and spring pigs, in pairs and trios not related. He also offers three registered and one grade Dutch-Belted bulls and one spotted stallion. Write Mr. Weisenbaum and mention Farmers Mail and Breeze.

Duroc-Jersey Bred Gilts.

Marshall Bros., Burden, Kan., are offering a nice lot of bred gilts at private sale. They are by Klondike, by Good Enough, and King Wonder V, and out of sows by Mo. Wonder, Kant Be Beat and Mo's Pride. Most of these gilts are in pig to M's Choice, a grandson of Ohio Chief. Their leading herd boar, Klondike, is a wonderfully good breeder, with plenty of size, bone and quality, and is showing a splendid lot of pigs from the big, roomy sows and gilts, the kind always found on the Marshall Bros. ranch. If you can use a good bred sow or gilt, write Marshall Bros. today, mentioning Farmers Mail and Breeze.

Duroc Sale in Pawnee County, Kansas.

T. F. Johnston, Garfield, Kan., will hold his annual Duroc-Jersey bred sow sale at Garfield, Kan., Tuesday, April 30. This sale will afford a good opportunity to parties desiring bred sows or gilts. It is the last sale of Durocs to be held in that part of the state this spring. Mr. Johnston has been a breeder of Durocs for years. His herd is strong in the blood of Ohio Chief. His leading herd boar is Pawnee Chief 8443, out of a Proud Advance dam and by Valley Chief, by Ohio Chief, assisted by a son of W. L. A's Choice Goods, out of a Top Notcher dam. Breeder and farmer alike are invited. Read display ad and write today for a catalog, mentioning Farmers Mail and Breeze.

A Place to Buy Jersey Bulls.

W. N. Banks, Independence, Kan., can perhaps supply you with just what you want. He has left a few very fine young bulls from 14 to 24 months old, among which are two imported bulls, one a grandson of Lucy's Champion, the other a grandson of Jack of All Work, and a great grandson of Napoleon Bonaparte, also a grandson of Gambooge Knight, a grandson of Eurybia and a grandson of Oxford Lad. You will find here a lot of nice young bulls. They are all good and smooth, with show yard quality, and should head good herds. They are all tuberculin tested, and are offered worth the price asked. If you want a good Jersey bull, write Mr. Banks today, mentioning Farmers Mail and Breeze.

Some Galloway Bulls.

Every farmer in the corn belt states should arrange his farm and affairs so that he could help produce the world's supply of beef and thereby profit by the era of high priced food products to the fullest extent. Almost every farmer adds to the food supply of the world from one or more channels but very few of them add to this supply from every possible channel. The channel which is most generally neglected by the average, or small, farmer and the one that is capable of as great profits as any is that of the production of beef. One of the first things to look to in this connection is the sire. This is the foundation. The purebred bull will pay greater dividends on the investment than any other one thing connected with beef production. There are several kinds or breeds of cattle especially adapted to this purpose, but none better than the

Galloway. E. E. Frisell, Larned, Kan., can supply you with a Galloway bull or a carload of them. His bulls are big, rugged, alfalfa raised fellows that will sire calves that will develop at an early age and make market toppers when put on the market. Write Mr. Frisell for further particulars and prices and kindly mention Farmers Mail and Breeze.

Good Sale for Campbell.

A. B. Campbell held his Poland China sale April 9 at Alfalfa Glen Stock Farm, near Geary, Okla. The day was pleasant. The attendance was not large, but a business crowd. Those who did not wish to buy came to look over this great herd, as there were still more than 300 left on the farm after the sale. Mr. Campbell is planning another sale of bred sows and gilts for the latter part of August. There were 48 head sold at an average of \$32.88. This included a number of late fall pigs. Below is a list of representative sales:

No.		
1	Geo. A. Abshire, Eagle City, Okla.	\$40.00
2	J. R. Whistler, Watonga, Okla.	37.50
3	T. K. Brice, Geary, Okla.	25.00
4	J. W. Wicker, Calumet, Okla.	41.00
11	M. F. Creveling, Geary, Okla.	70.00
12	John Welter, El Reno, Okla.	21.00
15	W. S. Roof, Thomas, Okla.	50.00
16	J. D. Scott, Watonga, Okla.	47.00
25	G. W. Hiersche, Bridgeport, Okla.	50.00
26	B. Davis, Geary, Okla.	51.00
28	Chas. Richmond, Greenfield, Okla.	33.00
31	A. D. Cannon, Hinton, Okla.	40.00
32	J. D. Scott, Watonga, Okla.	45.00
33	H. C. Lookbaugh, Watonga, Okla.	34.00
37	Lee Alkin, Greenfield, Okla.	50.00
39	John Backus, Watonga, Okla.	26.50
40	John Welter, El Reno, Okla.	25.00
41	G. C. Martin, Greenfield, Okla.	20.00
45	T. J. Spear, El Reno, Okla.	20.00
50	G. C. Martin	24.00

The Hanna-Hill Shorthorn Sale.

The tenth annual sale of Shorthorns consigned by S. C. Hanna and H. M. Hill was held at the Fredonia fair grounds April 10; a few were consigned by Fred Cowley and J. W. Hyde. It was an offering rich in the blood of imported Collynie and an excellent lot of individuals, but they sold for considerably less than their value. It was a veritable slaughter of prices, and those wishing good Shorthorns missed an opportunity for bargains by not being present. Thirty-seven head sold for an average of \$89. Twenty-four cows averaged \$80.20 and 13 bulls averaged \$105.20. Following is a partial list of sales:

No.		
1—	W. A. McMechen, Walnut Grove, Mo.	\$285.00
2—	J. C. Darling, Cherryvale, Kan.	70.00
3—	C. D. Forbes, Derby, Kan.	150.00
4—	H. M. Wible, Hazelton, Kan.	70.00
5—	A. A. Baldwin, Reece, Kan.	75.00
6—	E. F. Parker, Fredonia, Kan.	137.50
7—	M. S. Vogan, Coffeyville, Kan.	150.00
8—	W. O. Ewing, Parsons, Kan.	75.00
9—	M. S. Cusik, Wayside, Kan.	70.00
10—	S. P. Sauter, Neodesha, Kan.	50.00
11—	H. E. Bett, Basil, Kan.	110.00
14—	J. W. Sterrett, Fredonia, Kan.	50.00

FEMALES.

16—M. S. Vogan	115.00
17—S. C. Hanna, Hinton, Kan.	75.00
21—W. A. McMechen	87.50
23—J. T. Martin, Madison, Kan.	87.50
25—J. E. Barr, Fredonia, Kan.	85.00
26—J. A. Burns, Nowata, Okla.	85.00
27—H. M. Wible	82.50
28—J. E. Thompson, Fredonia, Kan.	75.00
29—G. A. Laude & Sons, Yates Center Kan.	112.50
30—Geo. McFadden, Benedict, Kan.	90.00
33—T. J. Hudson, Fredonia, Kan.	82.50
35—Fred Cowley, Hallowell, Kan.	85.00
39—J. W. Hyde, Altoona, Kan.	87.50

Missouri, Kansas and Iowa.

BY ED. R. DORSEY.

About O. I. C. Hogs.

R. W. Gage, Garnett, Kan., starts an advertisement in this week's issue of Farmers Mail and Breeze in which he offers to send any of our readers his circular on the O. I. C. This circular will tell you something of the history of this valuable breed of porkers. Of course Mr. Gage has O. I. C.'s to sell and he believes that if you familiarize yourself with the good qualities of these hogs that you will buy some seed and get started in the business of breeding O. I. C.'s. Write Mr. Gage for his circular and mention Farmers Mail and Breeze.

Johnston Sells May 8th.

Roy Johnston of South Mound, Kan., is expecting a large attendance at his Poland China sale of May 8 from the inquiries that he is receiving for catalogs. This will be the tenth sale for Mr. Johnston. He has sold a great many high class hogs in the former sales and this will be one of the very best as most of them are of his own breeding and all young and bred for their first litter except two. Mr. Johnston is breeding the heavy weights but he is breeding the short legs, broad heads, broad backs and broad ham kind that look like bread and butter hogs but with fine hair and breezy appearance. It is an easy matter to breed large rough hogs but to breed large smooth hogs is altogether a different proposition. The catalogs are ready for distribution and you will receive one by addressing your postal to Roy Johnston of South Mound, Kan.

Kansas and Nebraska.

BY J. W. JOHNSON.

P. H. Pagett, Beloit, Kan., has some choice Duroc-Jersey bred sows for sale that will farrow in May and June. Write him mentioning Farmers Mail and Breeze and let him tell you about the breeding and prices.
D. O. Bancroft, Downs, Kan., well known because of the high class Duroc-Jerseys that have been bred on his farm, reports nearly

100 spring pigs so far. He sells at private sale and is ready at any time to price pigs after weaning in pairs or trios not related. Satisfaction or no sale. His ad can be found in the Duroc section the year round.

Chas. Morrison & Son, Phillipsburg, Kan., prominent breeders of Red Polled cattle, have some bulls and heifers for sale. The Morrises are among the best known breeders of Red Polled in the country. Write them about a bull or heifer.

Col. Oscar H. Boatman, Irving, Kan., is a young man who has recently decided to devote his time to the auction business. He will be glad to hear from you about your next sale and is ready to talk business any time. Mention his ad in Farmers Mail and Breeze when writing.

E. B. Tilson, Concordia, Kan., proprietor of the Sunset herd of Duroc-Jerseys, which is the home of "Valley Chief Again," is offering pigs sired by this splendid boar at remarkably low prices. Look up his advertisement which appears regularly every week in Farmers Mail and Breeze.

J. Lee Dunn, Russell, Kan., reports over 100 spring pigs. He is ready to book orders for pairs and trios at weaning time. He also has for sale a few good fall boars and gilts. The gilts will be sold open or he will hold them and breed them for you. His advertisement can always be found in Farmers Mail and Breeze. Please mention it when you write him.

Col. Ray Page, Friend, Neb., made several successful sales in Kansas again this winter. Col. Page is one of Nebraska's strong auctioneers and is deservedly popular with the breeders of that state. He would be glad to book a few good sales in Kansas again this season and if you write early you can secure a good date. Mention his card which appears all the time in the auctioneers' section of Farmers Mail and Breeze.

Col. N. S. Hoyt, Mankato, Kan., has lived in Jewell county almost all his life. He is equally well known in southern Nebraska where he goes every winter and makes public sales. It is generous, kind hearted "Fan" Hoyt with all the breeders and they all get the best "Fan" has in the shop when they employ him to make their sale. He is on the job from the day he is hired until after the sale.

Phil Dawson, Endicott, Neb., starts a card in this issue of Farmers Mail and Breeze, in which he offers fall boars. These boars are big, stretchy fellows of approved big type blood lines—the Dawson kind. Mr. Dawson is well known in Kansas and Oklahoma and doubtless our readers will avail themselves of this opportunity to buy good boars. Write Mr. Dawson for particulars and mention Farmers Mail and Breeze.

W. C. Curphey, Salina, Kan., is a livestock auctioneer that has had his hands full this season. While Col. Curphey has been able to take care of most of his old customers it is also true that those who supposed to be his customers were in many instances disappointed. Col. Curphey carries his card in the auctioneers' section of Farmers Mail and Breeze by the year and those who want to employ him can always reach him by addressing him at Salina, Kan. He has made a splendid record the season just over and is one of the strong livestock auctioneers of the state.

Giant Monarch.

W. C. Milligan, Clay Center, Kan., offers to sell his herd boar, Giant Monarch. This is a great sire, his pigs are large and very rugged. He is bred in the most approved blood lines of the big type breeding and will make any breeder a valuable herd header. He will weigh half a ton. Mr. Milligan also offers a few of his tried sows, bred to Monarch. These sows are large and proven producers. Write for particulars and mention Farmers Mail and Breeze.

All Customers Satisfied.

Andrew Kosar, Glasco, Kan., proprietor of the Star Herd of O. I. C. swine, is advertising selections from his splendid herd at popular prices. He can furnish you almost anything you want. Mr. Kosar has advertised in Farmers Mail and Breeze almost three years without missing an issue and has sold breeding stock all over Kansas, Oklahoma and Nebraska and has a string of satisfied customers that is indeed flattering. Write him for a boar, bred sow or gilts and always mention Farmers Mail and Breeze when writing him.

Duroc-Jersey Pairs and Trios.

C. O. Anderson, Manhattan, Kan., well and favorably known all over Kansas as a breeder of Duroc-Jerseys, is advertising fall pigs of both sexes and from prize winning sires. He is also ready to book orders for February and March pigs both sexes, in pairs or trios at popular prices. Mr. Anderson's advertisement is never out of Farmers Mail and Breeze. He is one of the most extensive breeders in the state. He sells at private sale only and is ready to talk business any time. Write him at Manhattan for further particulars about his Durocs.

Some Shorthorn Bulls.

S. B. Amcoats, Clay Center, Kan., has some choice Scotch and Scotch topped bulls for sale. They are ready for service and are out of the famous F. M. Gifford cows formerly of Wakefield, Kan. You can buy a straight Scotch bull or a Scotch-topped bull from Mr. Amcoats at a reasonable price that would cost you much more money if he was in some herd farther east. If you want a young bull ready for service you better write to Mr. Amcoats and let him tell you about his bulls. Address S. B. Amcoats, Clay Center, Kan., and mention his ad in Farmers Mail and Breeze.

These Stand the Test.

The Springdale Stock Ranch, Concordia, Kan., are extensive breeders of Holstein and Dutch Belted cattle. Both breeds are popular dairy cattle. The Dutch Belted cattle on this ranch were imported about 2 years

ago, direct from Holland. This ranch is owned and operated by the Concordia Creamery Company who have nearly 100 cream gathering stations and are among the big creamery concerns. The cows on this ranch make big money for this company and when you buy stock from them you are buying from a herd of high testing cows. The proprietors will be glad to hear from you and will give you any information you want about dairying and dairy cows, especially Holsteins and Dutch Belted. Always mention their ad which appears in the dairy cattle section of Farmers Mail and Breeze when asking for information from them.

Poland Pairs and Trios.

J. D. Willifong, Zeandale, Kan., is offering for sale Poland China pigs at weaning time in pairs and trios not related. Also some choice last fall gilts open or later on he will breed them for fall farrow. Mr. Willifong is one of the successful breeders of Poland. He is successful not only as a breeder but finds a ready market for the kind of Poland he breeds. He has had a fine demand for bred gilts and now writes us to change

LIVESTOCK AUCTIONEERS.

W. G. CURPHEY, SALINA, KAN. Dates claimed with me protected. Big farm sales anywhere desired.

Sam W. Kidd CLAY CENTER, KAN. Auctioneer. Big farm sales anywhere desired.

JOHN D. SNYDER HUTCHINSON, KAN. Auctioneer. Pedigreed Live Stock a Specialty.

Col. N. S. HOYT, Mankato, Kansas, Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

Chas. E. Reeble, Emporia, Kan. Pure Bred Live Stock and Real Estate Auctioneer. Speaks German. Write or wire for dates.

JAS. W. SPARKS Live Stock Auctioneer MARSHALL, MO.

LAFE BURGER LIVE STOCK AND REAL ESTATE AUCTIONEER Wellington, - - - Kansas

COL. RAY PAGE FRIEND, NEB. Livestock Auctioneer. Write for Dates.

FRANK J. ZAUN FINE STOCK AUCTIONEER Independence, Mo. Bell Phone 675 Indp. "GET ZAUN. HE KNOWS HOW."

Col. Oscar H. Boatman Irving, Kansas Livestock Auctioneer Graduate American Auction School Write for Dates

Oklahoma Auction School Col. O. R. Lilley, President. Best in World. CATALOGUE FREE. Next Term Opens August 5, 1912. Address, GUTHRIE, OK.

BERKSHIRES. **WAITE'S BERKSHIRES.** Choice young Boars and Gilts, also tried sows. Most famous Robinhood Blood. We guarantee satisfaction. Call or write LEON A. WAITE, WINFIELD, KAN.

WILDWOOD FARM BERKSHIRES Headed by **SIR MASTERPIECE 2D** and **WILDWOOD REVELATION 125617**. Pigs, March and April farrow, priced very reasonably. Get in your order early for choice pairs and trios. Choice gilts will be bred to Sir Masterpiece. Only the best shipped on order and all representations guaranteed Address **O. L. STEANSON, TROY, KANSAS.**

SUTTON'S OFFERING OF BERKSHIRES 30 BRED GILTS For sale, weight 250 to 350 pounds. These gilts are extremely high class and priced to sell quick. 5 tried brood sows—bargains. 15 high class spring boars \$25 to \$50. Book your orders now and get the tops. **Sutton Farms, Lawrence Kansas.**

MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS. 200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood). **E. D. KING, BURLINGTON, KANSAS.**

POLAND CHINAS.

ELKMORE FARM'S POLAND CHINAS.
The best of breeding stock, of various fashionable Poland China blood lines. Both sexes. Write your wants. Our herd is large. We can please you. Address
CHAS. JOHNSON, HOWARD, KANSAS.

BRED GILTS FOR SALE.

Nine gilts, some bred and some open, out of sows by Capt. Hutch, Prince Hadley, etc. Bred to Exalter's Wonder. Also a tip top tried herd boar for sale. These are good and will be priced right for quick sale.
C. L. BRANIC, HIAWATHA, KANSAS.

Poland Chinas Select Young Boars. Gilts Bred or Open. Prices Right. Call or Address **H. L. BROOKS, Larned, Kansas.**

HALF TON BOAR FOR SALE
GIANT MONARCH

Also a few tried sows bred to this great boar. **W. C. MILLIGAN, Clay Center, Kan.**

Welch's Big Type Polands Large, growthy, good boned, stretchy young boars and gilts. A great bargain, also, in our herd boar by Progression. Write for particulars.
L. H. WELCH, GARFIELD, KANSAS.

FOR SALE Poland China Pigs either sex. S. C. Black Minorca eggs for setting, from \$1.50 to \$2.00 per setting. India Runner Duck eggs \$1.00 per setting.
W. F. FULTON, WATERVILLE, KANSAS.

Mr. Tabor Herd Polands Pairs and trios not related. 100 spring pigs to select from. Also some choice fall gilts open or bred later for fall farrow. Bred spring gilts all gone.
J. D. WILLFOUNG, Zeandale, Kansas.

CHOICE SUMMER BOARS large enough for service; also fall pigs. PAIRS AND TRIOS NOT AKIN. Sired by M. M.'s Corrector, Ironquill, Kansas Victor, Elephantdonk and Jumbo.
JOE SCHNEIDER, NORTONVILLE, KAN.

Manderscheid's Polands. Fashionable blood lines. High-class individuals. Spring or fall boars; gilts, bred or open. Prices reasonable. Descriptions guaranteed. Write today.
E. J. MANDERSCHIED, St. John, Kansas.

DOOLEY'S BIG SPOTTED POLAND CHINAS Herd headed by Etterville Chief, by Brandywine. Herd sows selected from top Faulner's herd. Booking orders now for spring pigs by Etterville Chief, Budweiser, Brandywine. They will please, are priced right. Edgar Dooley, Etterville, Mo.

Longview Polands

Herd Headed by VICTOR CHIEF, YOUNG MASTIFF, LONGVIEW KING. Breeding stock for sale at all times. Just now I am offering an extra choice lot of gilts, bred for spring farrow. Write or come and see me.
D. M. GREGG, HARRISONVILLE, MO.

Dean's Mastodon Polands Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. Address
CLARENCE DEAN, WESTON, MISSOURI

Immunized by Double Treatment Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Address
CLARENCE DEAN, WESTON, MISSOURI

Poland Chinas

Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomer, Iron Clad 2d and others. Priced right. Ask for prices and descriptions.
JOSEPH M. BAIER, ELMO, KANSAS.

Mammoth Poland Chinas

My herd boars weigh from 800 to 1,000 lbs. Am now ready to ship 200 of the big, easy feeding, quick maturing kind. Tried boars and sows, last fall boars and sows, and spring pigs of both sexes. My terms are: If you are not satisfied return the hog, and I return your money.
F. F. ROBINSON, MARYVILLE, MISSOURI



Fall boars, of best Big Type blood lines and individuality.

PHIL DAWSON, - Endicott, Nebr.

We Make Cuts!

The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and zinc etchings and is prepared to fill all orders. Particular attention given to general newspaper illustrations. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work.
THE MAIL AND BREEZE, Topeka, Kan.

his ad as he cannot spare any more bred gilts. Look up his ad which can be found the year round in Farmers Mail and Breeze. Remember he is going to sell pairs and trios at weaning time at private sale at attractive prices. Write him for prices.

Jersey Dispersion Sale.

Friday, April 26, is the date of Fred Dial's Jersey cattle sale at Manhattan, Kan. The sale will be held in the afternoon and those who come on night or morning trains can spend the forenoon at the college looking over the farm and stock. Twenty-two cows will be sold in the sale and 18 of them are fresh or will be soon while the others were fresh in January last. While the cows cannot be registered they are purebred and really a very high class lot of milk cows. All have been tuberculin tested and are in fine form. If you are looking for Jersey cows come to Manhattan next Friday and spend the day at the Agricultural college and this sale. Mr. Dial is a young man of sterling character and every statement he makes regarding these cows can be depended on. It is one of the best offerings made this season of choice dairy cows. Write to Fred Dial, Manhattan, Kan., for further information.

Jones's Big Type Polands.

C. W. Jones, Solomon, Kan., breeder of big type Poland Chinas exclusively, is advertising spring pigs for sale at private treaty. He will sell them to be delivered at 3 months old. He has a great variety of breeding numbers, not related and all from boars of noted breeding and out of sows that collectively can't be equaled in the state. They are a collection of the biggest, smoothest brood sows the writer knows anywhere. The pigs that he is booking orders for now were sired by Captain Hutch, King Hadley 2d, Hutch Jr., Mouw's Longfellow Price, Panoramblor and sons of A Wonder and Long King's Equal. As was said before the dams of these pigs are worthy the great sires mentioned and there is no better breeding and no better opportunity to get the best at a low figure as compared to what they are sure to sell for this fall, than right here at Solomon, Kan. The great sire, Captain Hutch, is well known to every Poland China breeder in Kansas that has followed the big type history. He was formerly in the J. H. Harter herd at Westmoreland, Kan. Mr. Jones bought him last spring. He is one of the great sires of the breed. Write Mr. Jones, mention his ad in Farmers Mail and Breeze, for prices on these pigs at 3 months of age. Also ask him for his private sale catalog.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

For the right kind of Hampshire hogs write J. R. Lawson, Ravenwood, Mo. Mr. Lawson is now making attractive prices on breeding stock of both sexes.

For hornless Shorthorn cattle—the beef and milk combination—write J. H. Walker, Lathrop, Mo. Mr. Walker has made a reputation for this kind, that will bear inspection. He will make attractive prices on lots up to 10 head. Write him.

Roan Hero bulls are being offered for sale by G. J. Woods, Chiles, Kan. Mr. Woods is making special prices now on three bulls from 12 to 22 months old. A Mina, a Braith Bud and a Necklace, two whites and a roan are the ones offered. These are of top quality and ready for service.

The Percheron Importing Co., South St. Joseph, Mo., is offering a high class lot of imported stallions and is making special low prices to move the few head now on hand. The stallions they offer are the big ton kind, ranging in ages from 3 to 5 years and are the very choicest type. They invite inspection. These horses have to be seen to be appreciated.

The Sutton Farms, Lawrence, Kan., are offering for sale their entire 1911 spring crop of Angus bull calves, singly or in carlots at prices that should appeal to all in the market for the best in doddies. These are sired by the best bulls—the kind that sire the winning steers in Denver, Chicago, Ft. Worth, and Kansas City shows annually. Write them for particulars.

Neef's O. I. C.'s—the easy feeding big kind—find favor wherever sent. John H. Neef, Booneville, Mo., can supply the trade with the right kind in pigs of either sex. He is now offering a tried yearling boar, by O. K. Winner and an aged boar, Perfection 2d, both of prize winning blood. Some bred sows and gilts and choice summer and fall pigs, either sex, are also offered for sale. The herd is cholera proof and all stock is sold with a strong guarantee. Write him your wants.

Nevius & Wedd Polands May 14.

C. S. Nevius, Chiles, Kan., and Geo. Wedd & Son, Spring Hill, Kan., will again join forces in a sale of big type Poland China bred sows and litters. This sale will be held May 14 at the Wedd farm adjoining Spring Hill, Kan. Something like 50 head will be sold. These sows and gilts are bred for May, June, July and early fall litters. These two herds are so well and favorably known that practically every farmer and breeder in this section is familiar with the kind of hogs they breed and sell. It is to be an offering of the usual Nevius-Wedd kind and will please. For those who are not now on their mailing list we urge your early inquiry.

Col. Jas. W. Sparks.

Get the money—that is the unofficial title with which the friends of Col. Jas. W. Sparks greet him. On the face it might seem to be frivolous. It is not. It is the one important factor in his work. He gets the money for the qualification for the work in working. "Col. Jimmie," as he is familiarly called, has been in the auction field for over a quarter of a century and we cannot ever remember of a year added to his long service in which he has not shown an improvement; in which he has not shown some new qualification for the work in which he has so long been engaged. His friends are legion and he probably has a wider acquaintance among all classes of breeders than any other man in the auction work today. There is no question about his ability to make good. The fact that he has sold for a number of breeders every sale they have held for the past 25 years is proof enough that he wears well. His

Ninth Poland China Sale
of the South Mound Herd

South Mound, Kansas, Wednesday, May 8

FIFTY HEAD

Every one but two are young sows of the first breeding.

All bred to B. Wonder, the first prize winner at the American Royal in 1911. We have reserved the breeding privilege of Orphan Chief before he goes to his new home.

South Mound Breeding Farm Produced This Offering

This Is Why We Place Our Own Liberal Guarantee On What We Sell.

1. We consider this as good an offering as we ever sold. It is so because they are all young and useful.
2. We are proud of this lot because we bred them on the farm and they are getting along to our ideal of good ones.
3. They are bred to two as good males as are owned in any herd. One we have used for three years. The other one we almost bred and he is sired by the best bred boar known to the breed. He was the first prize winner at the American Royal in very hot competition.

Our catalogs are out and we would be glad to send you one if you will just drop us a card with your address on it. We are always glad to meet the old customers and want to get acquainted with as many new ones as possible.

Roy Johnston, South Mound, Kan.

Auctioneers—Jas. W. Sparks, Frank J. Zaun and C. F. Beard.

Ed. R. Dorsey, Fieldman. If you can't attend the sale send your bids to him or to auctioneers, in my care.

DUROC - JERSEY SALE

Garfield, Kansas,
Tuesday, April 30

40 HEAD

Consisting of 35 Bred Sows and Gilts, 5 Spring and Fall Boars.

This offering is strong in the blood of Ohio Chief, Top Notcher, Proud Advance, Orion and other leading strains. Over half of this offering is sired by Pawnee Chief 84443. Some are by T. F. J.'s Choice Goods. The older sows are all bred to Pawnee Chief, and his gilts are bred to T. F. J.'s Choice Goods. Others are safe in pig to Best Ever, my new herd boar. This offering will not be carrying show shape flesh, but just in the right breeding condition. Farmers and breeders will both find stock in this sale, the kind they are looking for. I am putting in some of my good tried sows, and the young gilts are the tops of my last year's raising. Write today for catalog. Address

T. F. Johnston, Garfield, Kans.

Auctioneer: John D. Snyder.

Fieldman: A. B. Hunter.

A WONDER—THE 1200 POUND POLAND CHINA.

I am now ready to book orders for spring pigs, both boar and sow pigs, sired by A Wonder 107353 and out of sows that weigh from 700 to 800 pounds. Also pigs sired by Big Joe 62174, all out of A Wonder dams. Pigs to be shipped at about 3 months old. Will have twelve February litters, balance in March. Get order in early and have pick of the herd.—H. Fesenmeyer, Clarinda, Iowa.

SPRING PIGS

I am now booking orders for Spring Pigs, either sex, sired by Captain Hutch, King Hadley 2d, Hutch Jr., Mouw's Longfellow Price, Panoramblor and A Wonder out of Long King's Equal sows and sows of the best big type breeding and immense individuals in size and quality. Order early and get first choice. Pigs shipped at three months old. Nothing but first class stock shipped. Send for private sale catalog and prices. In buying at this age you save enormous express charges.
"THE HOME OF CAPTAIN HUTCH." C. W. JONES, SOLOMON, KANSAS

DUROC-JERSEYS.

CRIMSON WONDER AGAIN BOARS.
1 yearling dam by W. L. A's Choice Goods, a herd header and show prospect. Several early fall boars, 3 full brothers to Crimson Wonder 3d. Booking orders for pigs by C. W. A. and other boars.
L. R. VAN NICE, RUSSELL, IOWA.

BEAVER VALLEY HERD DUROCS.
Boars and gilts sired by Grand Master Col. 11 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

Walnut Grove Breeding Farm Pigs sired by Col. 80887 and Buddy's Bud 111823. Write for particulars.
R. C. WATSON, ALTOONA, KANSAS.

Black Locust Herd Dueros. Fashionable blood lines, either sex, young boars ready for service. Spring pigs at weaning time in pairs or trios unrelated.
D. D. Walker, Del., Okla.

SUNNY SLOPE FARM
Owned by EDMONSON BROS., Clinton, Okla. Breeders of Duroc-Jersey hogs and Buff Orpington chickens.

BUDDY K IV, and B. & C's COL.
Boars and gilts by these great sires and sows and gilts bred to B. & C's Col. For sale at reasonable prices. For full particulars write
J. J. BAKER, INDEPENDENCE, KANSAS.

DUROC GILTS Bred for May farrow. Priced worth the money if sold soon.
W. W. OLEY & SONS, WINFIELD, KAN.
The Best with the Guarantee.

Spring Boars—Bred Sows
Judah Bros. will sell a few choice Duroc-Jersey spring boars or bred sows. Best blood lines. Prices right. Address.
JUDAH BROS., FT. SCOTT, KANSAS.

CLOVER DALE DUROCS
A few boars left, March and April farrow, sired by Col. 104417, King's Col. F. 2885. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay.
H. E. FISHER, Bartlesville, Harper Co., Kansas.

SUNSET DUROCS
"Valley Chief Again" fall pigs, while they last, at \$12.50. Express paid.
E. E. TILSON, CONCORDIA, KANSAS.

Fisher's Dueros Herd boars, Graduate Col. 3275a, Crimson Prince 69277, Baby's Chief 104417, King's Col. F. 2885. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay.
H. E. FISHER, Bartlesville, Harper Co., Kansas.

Deep Creek Herd of Dueros
Choice fall pigs mostly from dams of prize winning sires. A few bred gilts, and orders booked for Feb. and March pigs. Write for prices.
C. O. Anderson, Manhattan Kan.

Perfection Stock Farm Choice Duroc March Boars, \$20 each, sired by Oklahoma King, Gold Wonder, Crimson Model and Muncie Col. Also a few good fall boars. They are priced to sell and to please or money returned.
GEO. M. CLASEN, UNION CITY, OKLA.

Saline Valley Stock Farm
Am booking orders for spring pigs, either sex; also a few choice fall boars and gilts. Pairs and trios not related.
J. LEE DUNN, RUSSELL, KANSAS.

Ticer's Dueros Am offering a few good young Valley B. and B. & C's Col. boars, worth the money; also a few bred sows. Will book orders for spring pigs.
G. L. TICER, HARRAH, OKLAHOMA.

SCHWAB'S DUROC - JERSEYS!
A choice lot of big, husky spring boars at \$25, if taken soon. Also young sows bred for April, May and June farrow, priced right.
GEO. W. SCHWAB, CLAY CENTER, NEB.

BANCROFT'S DUROCS We hold no public sales. Nothing but the best offered as breeding stock. Spring boars, gilts bred to order or open. Choice Sept. pigs, either sex. Pairs and Trios not skin. Prices right. Customers in six states satisfied. Describe what you want, we have it.
D. G. BANCROFT, Osborne, Kans.

HAMPSHIRE.

CLOVERDALE HERD.

Are You Interested in the White Belt?

I have a few registered Hampshire males ready for service and also a few sows and gilts bred.
T. W. LAVEROCK, PRINCETON, KANSAS.

Special sale on boars, 175 to 200 lbs., and weanling pigs, ready to go, if taken at once.
J. R. LAWSON, Ravenwood, Missouri.

Reg. Hampshire Hogs of various ages, not skin. Three registered and one grade. Dutch-Belted Boars. One spotted stallion.
G. W. Weber, Alton, Ill.

WRITE J. F. PRICE, Medora, Kans.
For prices on Pedigreed HAMPSHIRE HOGS. S. C. B. Leghorn eggs.

straightforward methods on the block—and off; his ability to size up a situation and his ability to adapt himself to all conditions; his knowledge of the business from "A to Z" are the things that have endeared him to the purebred stockmen of the country and the things that have made him so much in demand. He is busy the year 'round. Those contemplating his services for this coming year should consult with him at their earliest possible convenience. Everybody knows his address is Marshall, Mo.

Deierling & Otto Mammoth Jacks.

Twenty head of mammoth jacks, ranging in ages from 2 to 5 years, of the very best breeding and individual merit, some of them prize winners at the leading shows of the country are now being offered by Deierling & Otto, Queen City, Mo. This firm has been in the jack breeding business for over 30 years. In that time they have learned what it takes to supply and satisfy the trade. They keep nothing but a high standard and they sell nothing but what is good in every respect. They know what they have in their barns and sell them with a strong guarantee. What is more they make their guarantee good. For jacks of this sort buyers can do no better than patronize this firm. Look up their advertisement in this issue and write them for further particulars and prices. Inspection of their stock is invited.

Nevius's Shorthorn Sale June 6.

C. S. Nevius, Chiles, Kan., announces his annual Shorthorn cattle sale for June 6. The annual of Kansas Livestock Husbandry record no bigger success than that made at Glenwood. The pre-eminence of Kansas bred Shorthorns is known the country over; in the feed lot, the show ring and the breeding herd they have made a record that will stand for all time. Much credit is due C. S. Nevius for the part he has taken in bringing this about. For good dependable Shorthorns, the kind that go out and make good under all conditions the Nevius herd is without a superior. He has done a lot for Kansas in improving her cattle and the Glenwood herd today is recognized as one of the best in the country. In his coming sale Mr. Nevius will sell 50 head—the usual Nevius kind, only this offering will be a better lot of cattle than ever have left this herd. The cross of the great Searchlight on Prince Pavia heifers is responsible for the high class produce that has won favor wherever shown. This cross will be prominent in this sale. It is an offering that should appeal to all in the market for the best.

The Andrews-Caldwell Angus Sale.

The joint sale of Aberdeen Angus cattle which was held at Maryville, Mo., April 3 by C. D. & E. F. Caldwell, Burlington Junction, Mo., and W. W. Andrews, Maryville, Mo., resulted in an average of \$100.78 on the 32 cataloged lots sold. This did not represent, by a good big per cent, the intrinsic value of the cattle offered. It was a carefully selected offering from two well known herds and bred to top bulls. The only apparent reason for the conservative buying was the fact that at a good time, the buyers evidently felt that it was a little early to have full assurance of feed and grass sufficient to carry more stock. Cattle of similar quality and breeding will undoubtedly come into their own within a very short time and those who failed to take advantage of the opportunity offered will be the biggest losers. Geo. Jones, Burlington Junction, Mo., topped the sale on lot 7, a good Blackbird cow at \$180, contributed by Mr. Andrews. W. R. Webb, Bondena, Kan., topped the bull sale at \$165, paying out a figure for Blackbird Lad C. 2, topped on lot of Black Lad 2d from the Caldwell herd. F. B. Wilson & Son, Union Star, Mo., secured a good bull in lot 6, a yearling by Eaton of Eshott. J. B. Polka, Smith Center, Kan., was a good buyer of the better lots as was also Jasper Aldridge & Son, Pattonsburg, Mo.; J. B. Robinson, Maryville, Mo.; Geo. Jones; Escher & Son, Botna, Ia.; and E. F. Bishop, Ravenwood, Mo. Below is a list of sales \$100 and above.

1—Escher & Son	\$125.00
2—C. H. Caldwell	117.50
3—Escher & Son	100.00
4—Jasper Aldridge & Son	100.00
5—F. B. Wilson & Son	145.00
6—Geo. Jones	190.00
7—W. R. Webb	165.00
8—J. B. Polka	150.00
9—J. B. Robinson	150.00
10—Escher & Son	150.00
11—J. B. Robinson	100.00
12—E. F. Bishop	125.00
13—Geo. Jones	147.50
14—J. B. Polka	125.00
15—Geo. Jones	105.00

Editorial News Notes

If you want to know about silos and will send 25 cents to Glen White, Beloit, Kan., mentioning Farmers Mail and Breeze, you will receive by return mail a complete treatise of the subject from the farmer's standpoint.

Where Do the Hides Go?

Did you ever stop to think what becomes of all the hides of the steers, cows, sheep, etc., and what final disposition is made of them? We know that most of them are made up into shoes, and you may at the present moment be wearing a pair of shoes made up from the hide of your prize steer, but few of us have any idea in what quantity these hides are consumed by just one large institution. The following interesting figures showing the consumption of hides in only one large shoe factory were submitted by the F. Mayer Boot & Shoe Co., manufacturers of the well known Mayer Honorhilt shoes. These figures cover one year's operation in the big Mayer shoe factory at Milwaukee. Total number of hides consumed was 32,573. These are divided as follows: 55,447 steers, 23,676 cows, 51,642 calves, 62,168 sheep, 2,320 horses, 3,360 kangaroos, 181,082 goats. All these animals placed in a single file would make an unbroken line reaching from Chicago to Detroit. The requirements for one day's operation make a line over a mile long. To work this quantity of hides into shoes requires over a thousand people, who draw enough wages to keep a city of 5,000 people well fed and happy. Milwaukee, Wis., where the factories of the F. Mayer Boot & Shoe Co. are located, is the greatest leather market in the world, affording this company advantages in the selection of hides, one reason for the super-

JERSEY CATTLE
DISPERSION SALE

(AT FARM ONE MILE OUT)

MANHATTAN, KANSAS, FRIDAY, APRIL 26.

22 Head of Pure Bred Jersey Cows.

These cows are pure bred, but eligible to record. Eighteen of them are fresh or will be soon. The bull to which they were bred was bred at the Agricultural College. Most of the cows are of Chester Thomas' breeding. All are good colors and are a really high class lot of cows. Everything tuberculin tested.

I will also sell six Duroc-Jersey bred sows that will farrow in June.
L. R. BRADY, Auctioneer. J. W. JOHNSON, Fieldman.

For further information, address
FRED DIAL, Owner, Manhattan, Kan.

POLLED DURHAMS.

Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale.
C. M. HOWARD, HAMMOND, KANSAS.

Woods Polled Durhams

Here Here Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Minn, a Bravith Bud and a Necklace, two roans and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write
C. J. WOODS, CHILES, KANSAS.

ABERDEEN-ANGUS.

RIDGE PRAIRIE ABERDEEN ANGUS.
Butler Heatherson 3d 118104, a choice bred Heatherbloom, in service. The best families represented. A few choice cows, bred, and open heifers for sale. Prices right, satisfaction guaranteed.
W. G. DENTON, DENTON, KANSAS.

Sutton Farm Angus

For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs.
SUTTON FARMS, LAWRENCE, KANSAS.

RED POLLED CATTLE.

Foster's Red Polls A few choice bulls for sale. Also a few cows and heifers priced reasonable.
C. E. Foster R. R. 4, Eldorado, Kan.

RED POLLED BULLS

and heifers by Actor 1781 and Laundal 1321. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Write or come.
CHAS. MORRISON & SON, Phillipsburg, Kan.

O. I. C. SWINE.

O. I. C. Pigs \$10.00 EACH. Harry Haynes, Meriden, Kan.

EDGEWOOD O. I. C's Fall pigs; bred sows and gilts. Priced to sell.
HENRY MURR, R. F. D. 2, Tonganoxie, Kan.

HAVE YOUR IDEAS about the O. I. C. hogs been correct? Send for my circular telling all about it. R. W. Gage, Garnett, Kan.

SUNNY SIDE O. I. C'S.

100 choice spring and fall pigs of both sexes. Can sell pairs and trios not related. Best of breeding, sired by Jackson Chief 3d, Kerr Garnett 2d, and Bode's Model. Priced right.
W. H. LYNCH, Reading, Kansas.

STAR HERD O. I. C's

Breeding stock of various ages, either sex. Best breeding represented in this herd. Write your wants.
ANDREW KOSAR, Glasco, Kansas.

NEEF'S O. I. C's.

THE BIG EASY FEEDING KIND
Spring boars all sold. Am offering a tried yearling boar, by O. K. Winner, and an aged herd boar, Perfection 2d; both of prize winning blood. Also have a fine string of spring gilts, either bred or open. A few bred sows and some choice summer and fall pigs, either sex. All stock priced worth the money and satisfaction guaranteed. Herd cholera immune, having vaccinated. **RIVERSIDE FARMS, JOHN H. NEEF, R. R. 3, Beesville, Mo.**

THIS O. I. C. SOW WEIGHED 932 LBS. AT 23 MONTHS OLD
IONIA GIRL
I have started more hogs on the road to success than any man living. I have the largest and best herd in the U. S. Every one an early developer, ready for the market at six months old. I want to place one hog in each community to advertise my herd. Write for my plan. "How to Make Money from Hogs." **G. S. BENJAMIN, R. F. D. 2, Portland, Me.**

DAIRY CATTLE.

REGISTERED HOLSTEIN DE KOL BULL
For sale. Five years old. Fine animal.
F. C. WAITE, Logan, Kan. Route 2.

Dutch Belted and Holstein
male and female calves for sale from exceptionally good milkers. Springdale Stock Ranch, Concordia, Kan.

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

LINSCOTT JERSEYS
ONLY REGISTER OF MERIT HERD IN KANSAS, offers at moderate prices a few heifers, open and bred; a few tested cows; bulls of serviceable age out of tested cows.
R. J. LINSCOTT, HOLTON, KANSAS

Holsteins For Sale

40 cows and heifers, fresh inside 30 to 40 days. Several cows, heavy milkers, fresh now. Also bulls from 1 mo. to 15 mos. old.
IRA ROMIG, STA. B., TOPEKA, KAN.

Guernseys For Sale

1 eligible to registry heifer calf \$75.00, 1 eligible to registry bull calf \$45.00, 1 full blood heifer and 2 full blood bull calves, not eligible to registry, \$15.00 and \$12.00 each. All beautifully marked and sired by No. 18015, a great grandson of "Glenwood Boy of Haddon" who had 22 daughters in the Advanced Registry. **MRS. HELEN DONNELLY, R. F. D. 4, Manitowoc, Wis.**

Choice Jersey Bulls

I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Buryhills Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars.
W. N. BANKS, INDEPENDENCE, KANSAS.

GALLOWAYS.

Capital View Herd of Registered Galloways

For Sale: a fine lot of young bulls in numbers to suit purchaser. For further particulars call on or write **G. E. CLARK, 2301 Van Buren St., Topeka, Kan.**

Choice Galloway Cattle

To close out I am offering 50 head of registered cows, heifers and young bulls ready for service. Prices and breeding on request. **J. C. ASHCRAFT, Sedgwick, Kan.**

Registered Galloways

Young stock for sale. Prices reasonable. Five young bulls for sale. Call or write.
J. & W. R. Clelland, New Hampton, Mo.

Fort Larned Herd

40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS. 10 to 20 months old. Priced to sell.
E. E. FRIESEL, LARNED, KANSAS

HEREFORDS.

LOCUST GROVE HEREFORDS.
Extra good young bulls from 12 to 28 months old (herd header quality), sired by such sires as Polled King 3rd 251120, 3d, and Quincy 2d 207075. Come and see them or write
R. F. PLUMMER & SON, Wellington, Kan.

MATHEWS HEREFORDS
Big, strong yearling bulls, also extra good cows and heifers, strong in Anxiety 4th blood. Special prices on car lots. Write today.
FRED MATHEWS & SONS, Kinsley, Kan.

HEREFORD BULLS

Carload coming 2-year-old and 75 strong yearlings, the best bunch I ever had to sell. Prices right.

SAUL DRYBREAD, Elk City, Kan.

BIG BARGAINS IN REAL ESTATE

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

YOU WILL WANT our prices on wheat, corn, alfalfa and grazing lands before investing. Write for lists. Earley & Clark, Hill City, Kan.

BEST IMPROVED farms and best ranch propositions in Comanche Co., Kan., for sale at lowest prices. Call or write for particulars. Testerman Land Co., Wilmore, Kan.

160 ACRES, all tillable, 100 acres in cultivation, fair improvements, price \$35.00 per acre, small amount down. Don't wait to write, come at once. **MANSFIELD LAND COMPANY**, Ottawa, Kan.

NOTHING pays better than an investment in our "Great Arkansas Valley Irrigated Lands." We have just what you are looking for. Write W. L. Van Horn & Co., Garden City, Kan., for particulars.

BUTLER CO. SNAPS, 400 a. fine land, highly imp., permanent water, 120 cult., town 3 mi., \$40. 400 a. fine sheep ranch, permanent water, 80 cult., \$4,000 improvements, town 4 mi., \$30. V. A. Osburn, Eldorado, Ka.

960 A. CHASE CO., Kan., 2 1/2 mi. from town, good improvements, 125 a. creek bottom, 25 a. alfalfa, good feed lots, timber and hay land. Two pastures of fine grass and well fenced, watered by creek and springs. Price \$25,000.00. **SIMPSON, STAATS & GIVIN**, Emporia, Kan.

ONE OF THE BEST farms in the county, 320 acres, only 5 miles from Independence, Kan. 245 acres in cultivation. Half very fine bottom land, balance fine upland. Good improvements. Close to school and church. Price for quick sale ONLY \$45.00 per acre. D. C. DAVIS, successor to J. D. Kramer, Independence, Kan.

FORD COUNTY, in great wheat belt, best of soil, climate and water. **DODGE CITY, COUNTY SEAT**, where we expect half million worth improvements this year and new R. R. running southwest. Have lands from \$12.50 to \$40.00 per acre, one-seventh cash, balance in seven equal payments. Co-operation solicited. **SANTA FE LAND CO.**, Dodge City, Kan.

CASH SNAP; fine home ranch, 960 acres, 5 miles town, stone house, 4 rooms, other bldgs., good well and mill, 300 acres shallow water alfalfa land one body; by putting in pumping plant this land will be worth \$100.00 per acre. For 30 days can sell at \$11,000.00, with \$3,000 cash. Other farms at the owners' price. **BUXTON BROS.**, Utica, Kan.

580 ACRES in Elk county, 3 1/2 miles from town, 100 acres in cultivation, 160 acres in meadow, 320 acres in pasture, fenced and cross fenced, living water, makes a good stock farm as it has an abundance of grass; is also on direct railroad for one of the best stock markets in the country. Price \$20.00; \$4,500 will be carried by present owner, balance cash. **PRALLE BROS. REALTY CO.**, Bremen, Kansas.

NEW LIST FREE describing Anderson county farms, \$40 to \$60. Geo. W. Her & Son, Garnett, Kan.

McPHERSON COUNTY, KAN. Improved land \$40 to \$100. Write for particulars. A. W. Bremyer, McPherson, Kan.

\$550 BUYS IT. 160 acres, a relinquishment, some improvements, 8 miles from new townsite on Dodge City-Colmer cutoff. Ask no questions, but come on first train. Somebody is going to get it. **COONS & JACOBS**, Plains, Meade Co., Kansas.

BARGAIN. 120 acres, all choice land, well improved, very desirable, 2 miles out, \$60.00 per acre if taken within twenty days. 80 acres improved 3 1/2 miles out, \$40.00 per acre. Send for land list. F. C. LIBBY, Blue Mound, Linn Co., Kan. J. L. Wilson, Salesman.

160 A. WELL IMPROVED FARM. 80 a. in cult., balance meadow and pasture, all fenced, 40 a. hog tight, 5 a. in alfalfa, 7 room house, barn 34x40 ft., 2 1/2 miles to town. Price \$45.00 per acre, half cash, balance terms. **KANSAS & OKLAHOMA LAND CO.**, Coffeyville, Kan.

80 ACRES ALFALFA LAND for sale. If interested write for list of ten 80-acre tracts near Salina. V. E. NIQUETTE, Salina, Kansas.

COFFEY COUNTY, KANSAS. In heart of corn and tame grass belt. Farms and ranches \$30 to \$60. List free. **LANE & KENT**, 3rd St., Burlington, Kan.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$30. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. **REY BROTHERS & CADY**, Pleasanton, Kan.

ALFALFA LANDS \$40 to \$50 ACRE

EAST END OF HODGEMAN COUNTY Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. **M. W. PETERSON**, Hanston, Kan.

DICKINSON COUNTY BARGAINS We have many fine river and creek bot tom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. **BRINEY, PAUTZ & DANFORD**, Abilene, Kansas.

Hodgeman County

We are close up to high priced land. Have good small ranches, running water, alfalfa land, perfectly smooth upland, good soil, good water. Good prices, easy terms. Write for price lists, county and state maps. **F. M. PETERSON**, Jetmore, Kansas.

COMANCHE COUNTY BARGAIN. 320 a., 9 miles from Coldwater, 100 a. of sod wheat all goes, if sold soon. Price \$22.50 per a. **C. A. HEATON**, Larned, Kan.

FARM BARGAINS. Choice wheat and alfalfa lands in famous Medicine and Sharon Valley, \$25 to \$50 per a. **J. P. DUNCAN REALTY CO.**, 712 Beacon Bldg., Wichita, Kan.

SQUARE SECTION CHEAP. 640 acres 4 miles Hugoton, Stevens Co., Kansas. Santa Fe main line railroad to Hugoton this year. All level land, for \$6,400, only \$2,400 cash. Many other bargains along new Santa Fe extension. Subject to prior sale. **F. M. NASON**, Liberal, Kan.

BUY THIS 80. Nice smooth land, only 4 mi. from La Harpe, Allen Co. Fine imp. Lays splendid; good soil, no rock. Can't beat it in the state. Write today for full description, price and terms. **IOLA LAND COMPANY**, Iola, Kansas.

Grant County Kansas Land I have for sale nice smooth land, tributary to the new Santa Fe cutoff at from \$8 to \$11 per acre. Write for full information. **T. W. MARSHALL**, New Ulysses, Kan.

LAND! LAND! LAND! In Okla., Gulf Coast country and Kan. Prices low; terms easy. Exchanges made. **JABEZ F. BRADSHAW**, Lenexa, Kan.

Kaffir Corn is King in Butler county, Kansas. Not a failure in 20 years. Alfalfa is Queen, with 33,000 acres. First in cattle and acres grazing land. Second in tons of prairie hay. Prices of land and general information on request. **L. L. KISER**, Eldorado, Kansas.

WESTERN KANSAS LANDS Along new A. T. & S. F. Ry. 135 quarter sections in Stanton Co., \$1,280 each; 50 quarter sections in Gray Co., \$15 to \$20 per acre; 200 quarter sections in Morton Co., \$3 to \$25 per acre. Good terms. **BROWN & VERNON**, Dodge City, Kan.

Buy From the Owner Cheap I have a good half section smooth dark sandy loam, 10 miles from Hugoton, Stevens Co., Kan. Well and other improvements. Santa Fe R. R. building to Hugoton will enhance value. Price \$3,200. Will carry \$2,000 till Jan. 1, 1914, at 7 per cent. This is your chance. **E. J. THAYER**, Liberal, Kansas.

DON'T READ THIS unless you want to make a good profit on a small investment. I have a proposition to offer that you cannot afford to let pass you. Level, well located residence and business lots in rapidly growing town. Prices \$12.50 to \$50, easy monthly payments. Write for particulars. **JOHN W. BAUGHMAN**, Desk "G," Plains, Kan.

Sedgwick County Farm Bargains 160 a. farm, large house, barn, orchard, good land, \$7,500. Terms on \$3,500. 320 a., two good farms, well improved, best of land, \$55 per acre. 120 a. farm, well improved, good land, \$50 per acre; \$1,000 cash, bal. long time. 40 a. tract, make fine chicken ranch, \$1,600. 80 a. valley farm, good improvements, 20 a. fine alfalfa, near city, \$80 per a., terms. **H. E. OSBURN**, 227 E. Douglas, Wichita, Kansas.

OKLAHOMA.

BEST FARMS in Oklahoma \$20 to \$50 per a. Write C. A. West, Miami, Okla.

EASTERN Oklahoma Indian lands. List free. Write F. S. Ashleman, Nowata, Okla.

EASTERN OKLAHOMA farms for sale by owner. All prices and sizes. Write W. A. Hancock, Pryor, Okla.

FOR PRICES and description of the best prairie land in eastern Oklahoma write T. C. Bowling, Pryor, Mayes Co., Okla.

EASTERN OKLAHOMA Indian lands, \$5 to \$10. If you want a money-making investment, write F. A. Blanck, Stillwell, Okla.

160 ACRES one mile from Binger, well improved, living water, 20 acres alfalfa, price \$23 per a., easy terms. For full description write Caddo Land Co., Binger, Okla.

320 A. 1/2 mi. R. town, smooth, black, rich soil, in wheat, fine prospects, good water, good imp., \$50.00 per a. with 1-3 crop. **J. H. FUSSELL**, (The Land Man), Medford, Okla.

OKLAHOMA.

SPLENDID investment opportunity—Seventeen nice, smooth, well drained resident lots, Shawnee, Okla.; one block car line and \$40,000 school; gas, water and sewer conveniences; low taxation; perfect title. \$2,500. **Lambard-Hart Company**, Shawnee, Okla.

240 A. 9 miles McAlester, city of 15,000. 200 a. smooth tillable bottom and second bottom land without rock or overflow. 120 a. cultivation. Productive as any land in Okla. Close to school. \$20.00 per a. Terms. Other lands. Write for pasture prop. **SOUTHERN REALTY CO.**, McAlester, Okla.

GOVERNMENT FARMS FREE—Our 1912 official 132 page book, Free Government Land, describes every acre in every county in the United States; contains township and section plats, Maps, Tables and Charts showing inches rainfall annually, elevation above sea level by counties. Homestead, other government land laws, tells how and where to get government land without living on it. Application Blanks, United States Patent. All about Government Irrigation Projects, map showing location of each. Tax laws of each state, other information. Price 50 cents postpaid, direct from publisher. **THE HOME BUILDERS**, 508 West Main St., Oklahoma City, Okla.

FOR BEST FARM LANDS in Payne and adjoining counties, \$20 to \$50, write Ira Stout, Farmer's State Bank, Cushing, Okla. Map and list free.

TERMS TO SUIT. 160 a. 7 miles of Medford, 4 1/2 miles of R. town, 35 a. fenced with 3 ft. woven wire in pasture, balance in cult., good orchard, small fruit, fine water and mill, 4 room house, large barn and sheds, 2 miles of school, some wheat. Good loose loam soil, good ALFALFA land. Write us for trades. **BATTEN REALTY CO.**, Medford, Okla.

Oklahoma Wants You 500 choice farms for sale. Titles good. Easy terms. Soil and climate excellent. Write for list. **Roberts Realty Co.**, Nowata, Okla.

Indian Lands for sale, 300 N. E. Okla., low prices. Easy terms. Choice farms. **E. T. TETER & CO.**, NOWATA, OKLA.

GET A FARM ON PAYMENTS Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. **JOSEPH F. LOCKE**, Wynnewood, Okla.

Eastern Oklahoma Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on **W. T. HARDY**, McAlester, Okla.

MISSOURI.

BEST farm bargains S. E. Mo. List free. **McHENRY REALTY CO.**, Piedmont, Mo.

DAIRY, poultry, fruit, stock and timber lands, all sizes and prices. Write Ozark Realty Co., Birch Tree, Mo.

WELL IMPROVED farms and ranches of all sizes, sell from \$10 to \$65 per acre, easy terms. Unimproved land cheaper. Descriptive price list free. **J. H. FREDERICK**, Cole Camp, Mo.

THE FINEST 3,000 a. ranch in Mo., in the Ozarks. All fenced, 1/2 mile to R. R. town. Six or seven sets of impts. 600 a. can be cultivated when cleared up. 300 a. bottom land, 150 a. in crops. Price \$15.00 per a. **MISSOURI LAND CO.**, Humansville, Mo.

101 ACRES, 11 miles West Plains, county seat Howell Co. 85 acres in cultivation, balance timber and pasture. All fenced. Best of water, good six room frame house, shedded log barn, good orchard. One mile to busy inland town up-to-date. Price \$3,000.00, time on \$1,800.00 at 7 per cent interest. Cash only considered. Write **JAS. B. WEBB & CO.**, West Plains, Mo.

CARTER COUNTY BARGAIN. 150 acres of good unimproved farming land, located 9 miles of Van Buren, county seat of Carter Co. Fine pasture land, also fine for dairy and fruit farming; in fact you can raise almost everything raised in the North. Fine climate, good water, schools, churches. A bargain at \$10 per acre. Write **JOHN M. CARNAHAN**, Van Buren, Mo. (County Clerk and Recorder, Carter Co.)

FREE: "Homesteaders' Review" **BEST LAND** Journal Published Many big bargains. **WEST PLAINS REAL ESTATE CO.**, West Plains, Howell County, Mo.

ARKANSAS.

38 CHEAP farms for sale in White Co., Ark. Letona Realty Co., Letona, Ark.

CHEAPEST and best farms. Booklet free. **HOME DEVELOPING CO.**, Monticello, Ark.

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

BARGAINS in north Ark. Good valley farms and cheap dairy and grazing land. **Clayton & Wayt**, Hardy, Ark.

RED RIVER corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$60 per acre. List free. **L. A. JUSTUS**, Foreman, Ark.

ARKANSAS.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Siloam Springs, Ark.

15 S. E. ARK. farms for sale. Map of Drew Co., price list and booklet, giving full information upon request. **WELLS BROS. REALTY CO.**, Monticello, Ark.

FOR FREE INFORMATION about Arkansas fruit and general farming land, at low prices, on liberal terms, write us. New list free. **Griffin & Wasson**, Gentry, Ark.

160 ACRES black alfalfa land, soil 15 ft. deep. If not as rich land as yours we will pay your expenses to see it. Ask for map and list. **McIver Co.**, Texarkana, Ark-Tex.

160 A. creek farm; 40 cult.; bal. timbered; on Ry. Free stock range; house; barn; orchard; no rocks; white community; \$2,000. 1/2 down. **Robert Sessions**, Winthrop, Ark.

GO TO ARKANSAS where opportunity awaits you. Send for literature describing the best lands in the best county in the state. Write to **BERT J. MYERS**, Immigration Agent, Headquarters at Riverton, Nebraska.

160 A. GOOD SOIL, \$2,400. 1/2 cult., family orchard, 2 small houses, good well, spring and branch, school 1 mi., R. F. D., and tel. line 1/2 mi., on public road 6 mi. from Horatio, "City of Peaches." Best farm, fruit and stock section in state! **PORTER LAND CO.**, Horatio, Sevier Co., Ark.

IT'S FREE. For booklet and price list Arkansas farms, write Moore & Martin, Prescott, Arkansas.

ARKANSAS LANDS. For fruit or general farming, at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. **COLLINS & HUNSAKER**, Decatur, Benton Co., Ark.

COME TO DECATUR, ARKANSAS. See us for bargains in fruit farms, grain farms, stock ranches. Also Okla. lands, good climate, water, soil, health and opportunities. We have land \$2.00 up. Don't fail to see us. Literature and list free. **FLEMING & WEAVER**, The Land men, Decatur, Ark.

ARKANSAS LAND. 1,000 acres cutover upland, near railroad, choice location for colony or stock farm, \$6.00 per acre. Buy land direct from owner. **J. G. HOWARD**, Little Rock, Ark.

CHEAP LAND, S. W. ARK. 40 acre homestead, 3 room house, well, etc., \$225. 90 acres on K. C. S. Ry., cut over land, \$6.50. 160 acre farm, five room house, well, 35 acres open, \$1,400. Fine second bottom river land covered with timber, \$12. **R. L. JOHNSON**, Aliene, Little River Co., Ark.

FOR BARGAINS in Arkansas farm and timber lands, write **H. G. LONG**, Hoxie, Ark.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Fine farming, timbered and rice lands in the state at lowest prices. No trades.

ARKANSAS FARM. 240 a., 6 miles town—40 a. in cultivation—house, barn, etc., \$3.50 per acre cash. **RINGLANDS**, McALESTER, OKLA.

SCOTT COUNTY, ARKANSAS. Improved farming land, from \$10.00 an acre up. Raises big crops of fruit and all staples. Ideal country for stock raising. Also timber land for \$5.00 an acre up. New list free. **HUBERT J. HALL**, Waldron, Arkansas.

A HOME FOR YOU IN ARKANSAS. 80 acre farm, 25 in cultivation, 5 room house, barn and outbuildings—4 mi. from city, \$1,500.00. Easy terms. 800 acres, cut over land, will make good upland farms. Some cleared land now in cultivation on tract. \$10.00 per acre. Easy terms. Farms, Lands, Homes. 16 years' experience in Arkansas lands. **REAL ESTATE DEPARTMENT, TEXARKANA TRUST CO., TEXARKANA, ARK.** Colored map of Arkansas for 2c stamp.

For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. **SOUTHERN REALTY & TRUST COMPANY**, Ashdown, Arkansas.

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SOUTHERN MISSISSIPPI. Ideal for general farming as well as oranges, pecans, truck, grape fruit, etc. Anything that you put into the ground here in this genial climate grows and produces abundantly. Write for list, land \$10.00 up. **SOUTHERN LAND CO.**, Wiggins, Miss.

CALIFORNIA.

CALIFORNIA irrigated farms in the famous Tullock District. Land values guaranteed by the Federal Guarantee Company of Washington, D. C. For information and catalogue write to owners, **THE B. W. MARKS COMPANY**, 816 Trust and Savings Building, Los Angeles, California.

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BUY LAND IN HOUSTON DISTRICT IN TEXAS NOW

SPECIAL LOW PRICE ON THESE TWO TRACTS.

1,500 acres in best agricultural district in the Gulf Coast Country. Beautiful smooth prairie, deep rich soil, all tillable, suitable for general farming or for intensive farming for which South Texas is becoming noted. A profitable enterprise, either to divide and sell in farm tracts or to farm on large scale. Will make 2,000 tons of hay, worth in the winter \$3.50 per ton. A BARGAIN—\$18.00 PER ACRE. SURE TO INCREASE IN VALUE.

ESTATE FOR SALE.

One of our leading Trust Companies in liquidation of an estate offers for prompt acceptance, one of the best all purpose ranches, in one of the best farm counties in the rain belt of the Gulf Coast Country. 10,000 acres at \$15.00 per acre. Fenced, watered and improved. Soil is rich and will

For particulars address A. B. POOLE,

COLONIZATION tracts, two to five thousand acres in rain belt. The Baughman Realty Co., Eagle Lake, Texas.

FREE ILLUSTRATION describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Texas.

10,000 ACRES, Lower Panhandle Texas—shallow water—Santa Fe territory—sold in 50 acre tracts if desired. Also improved farms in Mitchell county, line of Texas Pacific Railway. C. H. EARNEST, Owner, Colorado, Texas.

825 A., 9 mi. Bay City, Matagorda Co., Texas, 200 a. open land, bal. timber. \$25 per acre. Other propositions. CASH REALTY CO., Bay City, Texas.

produce abundantly. FOR RANCH, FOR COLONIZATION, OR FOR INVESTMENT. The person or syndicate who can handle this can make large profit as improved farms in this section are bringing \$25 to \$40. An unusual opportunity.

To own land is the safest investment. No possible risk of loss. Profit is sure. Now is the time to acquire land in Texas. An increased popular movement to this favored section will follow the hard cold winter and spring floods. Immigration to Texas is beyond all precedent.

Have had 25 years' experience in land business. Lived in Topeka, Kansas, that length of time and refer to any bank or business men there. Am acquainted with conditions in the Gulf Coast Country, and recommend these as exceptionally good properties at lowest prices, and worthy careful consideration. Must be seen to be appreciated.

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IF YOU WANT LANDS NEAR BAY CITY, the "Queen of the Texas Midcoast," write C. S. EIDMAN, Bay City, Texas.

PROFITS IN GULF COAST LAND.

Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on Where to Buy Land." Will send you free "The Gulf Coast Bulletin" for 6 mo. Write THE ALLISON RICHLEY LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

Investigate This Before Buying.

1,500 acres of heavy black loam located within two miles of good railroad town. Ready for the plow and will sell in tracts of 80 acres up. Or will sell all at an attractive price. Write us for prices and terms. FERGUSON & POST, Iroquois Bldg., Victor, Tex.

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GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

BUY OR TRADE WITH US—Exchange book free. Bersie Agency, Eldorado, Kan.

WRITE FOR LISTS, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

FARMS for sale or trade. We match trades. Ed Ruckman & Co., 807 Schweitzer Bldg., Wichita, Kan.

IF YOU WANT to buy or trade for an Arkansas valley farm, write to or call on C. L. Seeley, La Junta, Colo.

WE WANT stocks, residences, and farms listed for exchange. Write for listing blank. Cassoday Realty Co., Cassoday, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

HEY, THERE!—Get our booklet, Mo. Ozarks. New list. Exchanges our strong suit. Baker Realty Co., Mountain Grove, Mo.

FOR SALE OR EXCH.—Central western Kan. land, \$10 to \$50 per a.; city property and merch. B. T. Cutler, McCracken, Kan.

160 ACRE farm Osage county, Kansas, trade for merchandise or rentals; rentals for western land. J. W. Watkins, Quenemo, Ks.

HUNDREDS of bargains in improved farms, located in 20 states. Sale or exchange, at free. W. F. Burrow, Warm Springs, Ark.

FOR SALE OR EXCHANGE—Good wheat and corn lands. Describe and price your proposition. Jess. Klsner, Garden City, Kan.

FOR SALE OR EXCHANGE—Irrigated or unirrigated eastern Colorado lands at reasonable prices. Andrew Townsley, Holly, Colo.

HARDWARE OR IMPLEMENTS wanted for good Mo. or Kan. farms. What have you? H. C. Butts Land Co., Carrollton, Mo.

I HAVE two good farms, close to Wichita, and want to trade one or both for a good hardware business or lumber yard. Address I. S. Woodward, Box 887, Wichita, Kan.

FOR EXCHANGE—Business earning 10 per cent net on more than \$50,000. In fine Gulf Coast town. A resort winter and summer. Terms 1/2 clear land. Bal. cash and terms. D. C. Deal, Palacios, Texas. (The City by the Sea.)

FOR MDSE. OR KAN. LAND. 160 a. San Luis valley, Colo., irrigated, all in cult. Price \$125 per a. KANS. INVESTMENT CO., Wichita, Kan.

ONE of the best businesses in Hutchinson to trade for land or city property worth the money. 1,800 acre stock ranch to trade for land or city property. B. M. MURPHY & CO., Hutchinson, Kan.

FOR SALE OR TRADE—Mid-coast farm, 180 a., fine black land, partly improved, 1 1/2 mi. station, only two miles from Palacios Bay, Matagorda Co., Texas, only \$50.00 per a. Inc. \$3,000.00. Will consider small farm or city property in eastern Kansas or Oklahoma. C. D. ROBERTS, Palacios, Texas.

COME to Meade county and buy a home; no place offers better inducements; no county in state of Kansas has better water, soil or climate, and everything considered, none can compete with us in prices. Come and see us or write for further information. Exchanges considered. Marrs & Day, Meade, Ks.

1,200 ACRES orange, grape fruit, and vegetable land, Southern Central Florida, will subdivide and exchange any or all for Kansas farm land that is free and clear, and priced worth the money. 12,000 acres in Texas land, surrounding a R. R. town, all in one body, will consider some high class income property on the deal; price \$10 per acre. J. E. CRAMER, 709 Sweiter Bldg., Wichita, Kan.

175 a. farm, Howell Co., Mo., 90 a. in cult., al. good timber, good apple and peach orch., some berries, 4-rm. house, other outbuilds. Plenty good water, 2 mi. town. Will sell \$30 a. If sold soon. Half in good rental property, some cash, terms on bal. IOWA, MISSOURI & KANS. LAND CO., A. P. Cottrell, Mgr., Pomona, Mo.

EXCHANGE FOR MDSE. OR HARDWARE. 480 a. good smooth land in south central Kan. Owner, H. C. Whalen, Wichita, Kan.

TRADE. 440 acre ranch in Chase Co., Kan., 150 acres cult., \$10,000 improvements, well watered, 5 miles good town, 1 mi. school, price \$35 per acre. Want 80 to 160 near good eastern Kansas town. KLOTZ & HOEL REALTY CO., Cottonwood Falls, Kan.

GOOD 320, 4 MILES OF TOWN, in Harper Co., Kan. Want 160 a. Good trade offered. J. M. GARRISON, Attica, Harper Co., Kan.

TEXAS LANDS. On the coast. Our specialty—low prices and quick sales. Write us what you wish to buy or have to exchange. No time to waste on inflated prices. PALACIOS LAND & INV. CO., Palacios, Tex.

FOR SALE OR TRADE. A GOOD CREAMERY, located in a large town. Almost new. Also a good threshing outfit to trade for land. Also some fine irrigated land in the Laramie valley, Wyoming, to trade for Kansas farms. W. J. TROUSDALE, Newton, Kansas.

TO SERVE our customers and ourselves better, we have moved our office to Independence Kan., in the Jakowsky building. Remember we trade anything tradable.

Owner's Sale & Exchange Independence, Kansas.

For Sale or Exchange Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

For Sale or Trade for picture show or restaurant, or racket stock, 20 acres of land joining the town of Amalgam, New Mexico. Subject to irrigation, and all can be irrigated in town lots. Price \$2,000 clear. GEO. MANVILLE, Holton, Kan.

Do You Wish to Swap? If so write us fully first letter what you have and what you want. We match 'em. Also some farm snaps for cash. OAKLEAF & HILL, Cherryvale, Kan.

To Exchange For a Good Farm General stock of merchandise, clean and up-to-date, in Carroll Co., Mo. Two-story building, stock and property valued at \$16,500. Submit propositions to WILSON & RESSELL, Colony, Kansas.

FOR TRADE 160 acres in the San Luis Valley, Colorado, 3 1/2 mi. from good town on railroad. Land is all level and under irrigation, good water right paid up. Price \$40 per acre, encumbrance \$2,500, good terms. Exchange for eastern land or city property. THE HAGLER REALTY CO., 314-315 Burns Bldg., Colo. Sp'gs, Colo.

240 Acres of Irrigated Land close to Alamosa, Colorado. Will soon be in the city limits. Price \$100 an acre. Also \$2,000 worth of city lots in Oklahoma City. Will take gen'l mdse. or hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.

TEXAS.

POTAT LAND. 16 a. Brazos Val. red shell alluvial soil, \$50.00. N. B. Knight & Co., Houston, Texas.

FOR SALE OR TRADE. Rich farm and ranch lands. In tracts of 100 to 140,000 acres, \$3 to \$100 per a. Good terms. Dryden & Moseley, Waco, Texas.

COLORADO.

BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

320 A. homestead relinquishments, a few choice ones, fine land, last chance. Write us. National Inv. Ass'n, Akron, Colo.

FOR SALE—Ark. valley Irr. alfalfa lands, most desirable climate & rd lands with water in West. Geo. R. Wilson, Lamar, Colo.

LOGAN CO., COLORADO, LANDS. Upland \$6.00 to \$35.00. Irrigated \$35.00 to \$125.00. For information, K. BUCHANAN, Sterling, Colo. Over postoffice.

KIOWA COUNTY, COLORADO, corn, wheat and alfalfa lands, \$8.00 to \$15.00. Homestead relinquishments \$250.00 up. A few 160 acre relinquishments under prospective irrigation. Folder and copy of homestead laws sent free. THE WESTERN REALTY CO., Bads, Colo.

BIG GOOD HMSTD. REL., SMALL MONEY. 400 a. near eastern Colo., abundant irrigation water 8 ft., raises all kinds of crops, great for cane, will keep 75 head stock year round; good improvements; all ready for spring work. Price \$1,500. No need of delay. E. L. PALMER, Laird, Yuma county, Colo.

MORGAN CO., COLORADO, LANDS. The banner county of the state. Beet sugar factory. City of 5,000. Excellent cheap lands under good ditches and reservoirs. Some rare snaps. Information free. SHIELDS BEGGS LAND CO., Fort Morgan, Colo.

ARKANSAS VALLEY IRRIGATED LANDS. Where alfalfa, wheat, oats, cantaloupes and sugar beets produce mammoth crops every year. We sell and exchange these lands. If you want a good home, or money-making investment, write McCauley & Mahoney, La Junta, Colo.

IRRIGATED ORCHARD LAND. Our Highview Park orchard land is equal to the best. Our location is not equaled in Colorado. Our price is less than half what other like orchard land is selling at. Our terms are remarkably easy. We are selling orchard land for \$375 per acre, with a paid up water right, planted to orchard and cared for, for a period of five years. We give to the purchasers an absolute guarantee to replace all dead or diseased trees and to turn over to them a live, healthy orchard at the end of that time. Our land is so close to Denver that pickers and other help can be obtained quickly. Another advantage: Cooled apples can be marketed at the Denver cannery and vinegar factory. Cold storage and shipping facilities at Denver are first class. We give seven years' time on deferred payments and they can be made monthly, quarterly, semi-annually or annually. Write us today. DENVER SUBURBAN HOMES & WATER COMPANY, Denver, Colorado.

JAMES BUTLER, Eastern Representative, 1230 Fillmore St., Topeka, Kansas.

Avoid Drouth and Floods Constant sunshine, abundant water supply, fertile soil, in the Pueblo Irrigation District, which adjoins Pueblo. Land at present, \$30 per acre, on easy terms. Low cost of water, payable during twenty years, commencing year after delivery. This insures a good crop before any payment on water is due. Investigate now before prices advance. Write for circular and maps. COBURN & MCCLINTOCK, Box 797, Pueblo, Colo.

Choice Land in Eastern Colorado 160 ACRE relinquishment, extra fine land, small improvements, one of the choicest pieces in eastern Colorado, adjoining unirrigated, deeded land, selling for \$25 per acre. Take this under the new law, three years' residence required. Price only \$1,250 cash, no trades. CARL M. COOK, Limon, Colo.

Do Not Spend Your Life Praying for Rain 4,000 acre stock ranch. Close to Denver. To close estate must be sold at once. \$15.00 acre value, will sell for less. 160 acres. Ft. Morgan. Good water. Improved. \$50.00. 33 potato and beet sugar land. Greeley. Snap. HOLLOWELL, Land Man, 607 17th St. Denver, Colo.

NEW YORK. TWO HUNDRED acres, twelve room house, three large barns, granary, hen house; apples, pears, plums, cherries; four miles from railroad town; will include for immediate sale thirteen cows, seven heifers, three horses, two hogs, fifty hens, wagons, harnesses, sulky plow, grain drill, roller, sulky cultivator, weeder, mowers, rake, potatoes, hay, straw, oats. All for \$6,600, \$3,000 cash, balance time. HALL'S FARM AGENCY, Owego, Tioga county, New York.

IDAHO. RICH, productive, deeded land on railroad; excellent markets; schools; free range; lowest prices. Unequaled opportunity for home-builder or investor. Descriptive bulletin giving full par. Write at once to Bear River Valley Land Co., Montpelier, Idaho.

FLORIDA.

FLORIDA—10-acre tracts, finest prairie land, De Soto county, Florida; sacrifice price, \$18 per acre; monthly payments. C. E. Johnson, owner, Parsons, Kan.

FOR SALE—First class small hotel in one of the best new towns in Florida. Town growing rapidly and hotel on profitable basis netting \$100 to \$150 per month. Surrounded by beautiful young orange grove; rare opportunity. FLORIDA DEVELOPMENT COMPANY, Davenport, Florida.

LOUISIANA.

TIMBER and farm lands, city prop. and mdse. Describe and price your prop. Ragsdale-Bland R. E. Ex., Shreveport, La.

MEXICO.

EVER HEAR OF MACINESCO, Mexico? Place of FREE HOMES and perpetual income. Everything guaranteed. J. M. Mason, Columbus, Kan.

MISSISSIPPI.

CHOICE FARM LANDS—Mississippi Gulf coast; grapes, oranges, pecans, truck; climate unexcelled; very healthy. Write W. A. Cox, Gulfport, Miss. Tell him what you want.

ARIZONA.

Make Your Home in Arizona where sunshine is perpetual. No cold winters. Abundance of irrigation water. No failure of crops. Correspondence solicited. HEALEY-CONRAD & CO., Phoenix, Arizona.

Selecting a Dry-Land Farm

BY W. M. JARDINE, Agronomist Kansas Agricultural College.

Mr. Editor—The basis upon which dry-farming or any other farming stands is the selection of the farm, the place to live. The man who goes out on the desert must use greater judgment and skill in order to overcome some of the serious drawbacks to home life. He must be a man of ingenuity, of broad foresight. In selecting a farm on our dry lands it is necessary to consider the character and distribution of the rainfall. We consider it necessary to take into account railroad facilities and underground water for domestic purposes. We need more water on the dry farm for domestic purposes, for trees and for forage in order to make the dry farm habitable. We need quick communication with the outside world. We need market facilities. It costs a great deal of money to haul wheat any distance.

Rainfall Is Not All.

There are sections in this country on which we can produce more crops on 12 inches of rainfall than can be produced in other sections with 23 inches of rainfall, and when anyone tells a stranger that all he needs is a fair soil with 15 inches of moisture, unless he describes the locality and the other factors he is misleading the man. The crop production in the 9-inch belt in eastern Oregon is more profitable than the Panhandle with 20 to 23 inches of moisture.

There are certain crops that must grow on certain lands and we must select our farm sites with that in mind. For instance, you would not have any dry farming if you take away your winter wheat, until we develop other crops. We are working upon that line now, but have not succeeded yet. We cannot get the farmer to grow other crops than winter wheat. You could not get me to grow other crops for I could not make money out of it. I am an advocate of growing a variety of crops, but we are not there yet.

Selecting a Good Soil.

I would avoid a soil that is inclined to be gravelly. A gravel soil is expensive to operate; it wears out our implements. There are districts in Montana where the moldboard plow has almost gone out of existence because of the wearing out of a share every 15 minutes. They are plowing with disc plows now. Avoid too sandy a soil. Sand is likely to blow away while you sleep. But I would rather take a sandy soil than a heavy clay soil. I would prefer a loamy soil above all. It may be a sandy loam or a clay loam, but I prefer the sandy loam.

Helpful as An Instructor.

Mr. Editor—I feel justified in saying that Farmers Mail and Breeze is about the best paper or instructor in which I have ever taken any interest.

Harry Beltz.

LaCrosse, Kan., January 13, 1912.

Market Probabilities

(Continued from Page 32.)

recent years. Oats were higher. Some grades of hay declined early last week, but later another general advance occurred. No low priced hay before the middle of summer seems to be the situation.

The following prices prevail for grain in Kansas City and St. Louis:

Wheat—	Kansas City	St. Louis
Hard No. 2....	\$1.04 @ 1.12	\$1.04 @ 1.14
Soft No. 2....	1.05 @ 1.06 1/2	1.04 @ 1.09
Corn—		
White No. 2....	.82 @ .84	.83 @ .85 1/2
Mixed corn ..	.82 @ .83	.82 @ .83
Oats—		
No. 2 white....	.59 @ .59 1/2	.58 @ .59
No. 2 mixed....	.57 1/2 @ .58 1/2	.57 @ .58 1/2

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

	Wheat	Corn	Oats
Chicago....	1912 1911	1912 1911	1912 1911
Kan. City..	1.12 .92	.84 .67	.61 1/2 .53 1/2

Carlot Grain Receipts.

The following table shows the receipts of grain for the week at the three principal grain markets, together with the receipts for the corresponding week one year ago and those of last week:

In Kansas City—	Wheat	Corn	Oats
This week	154	255	47
Last week	71	190	23
One year ago.....	116	306	40
In Chicago—			
This week	127	537	723
Last week	135	770	895
One year ago.....	113	991	675
In St. Louis—			
This week	80	270	200
Last week	89	249	207
One year ago.....	150	189	243

Quotations on Hay.

The following quotations are for hay on the Kansas City market:

Prairie, choice	\$20.75 @ 21.00
Prairie, No. 1	19.50 @ 20.50
Prairie, No. 2	18.00 @ 19.25
Prairie, No. 3	15.50 @ 17.50
Timothy, choice	25.00 @ 26.00
Timothy, No. 1	23.50 @ 24.50
Timothy, No. 2	22.00 @ 23.00
Timothy, No. 3	19.50 @ 21.50
Clover mixed, choice.....	25.00 @ 26.00
Clover mixed, No. 1	23.50 @ 24.50
Clover mixed, No. 2	22.00 @ 23.00
Clover mixed, No. 3	19.50 @ 21.50
Clover, choice	22.00
Clover, No. 1	20.00 @ 21.50
Clover, No. 2	17.00 @ 19.50
Alfalfa, fancy	25.00
Alfalfa, choice	24.00 @ 24.50
Alfalfa, No. 1	22.00 @ 23.50
Alfalfa, No. 2	20.00 @ 21.50
Alfalfa, No. 3	17.50 @ 19.50
Straw	8.50 @ 9.00
Packing hay	3.00 @ 14.00

Seeds and Broomcorn.

Sorghum, Amber \$1.50 @ 1.75 per cwt.; sumac, \$1.35 @ 1.55; broom corn, dwarf, \$1.40 @ 1.50; standard, \$1.30 @ 1.45; cowpeas, New Era, \$1.90 @ 2.10; Whippoorwill, \$2.10 @ 2.25; clover seed, \$12.00 @ 20.00; timothy, \$10.00 @ 15.00; alfalfa, \$10.00 @ 14.00; flaxseed, \$1.90 @ 2.00; seed corn, bulk, 95c @ 1.40 a bushel; Kafir No. 3, white, \$1.40 @ 1.45.

Livestock in St. Louis.

With some of the trade territory to the south and east cut off last week on account of the high water receipts of livestock have been very small. Prices were advanced 15 to 25 cents to new high levels for the year. This advance obtained on all grades except veal calves which were lower and for prime heaves, where values were not tested as none were offered. Prime heaves are quoted at \$8.40 to \$9.75, and the other kinds as low as \$5.50. Cows are selling at \$3.50 to \$7, heifers \$4 to \$7.75 and steers and heifers mixed up to \$8. Calves were down 25 to 50 cents, top \$3.25.

Local prices for hogs continue the highest of the five western markets. A decline occurred early last week, but a top quotation of 8 cents was maintained. The market has improved in the past few days. The top price today was \$8.05, and the bulk of the hogs sold at \$7.80 to \$7.95.

Unimportant net changes have occurred in prices for sheep in the past week though the tendency has been towards a lower level. Choice lambs are quoted at \$7.50 to \$8.10, yearlings \$6.50 to \$7.25, wethers \$5.50 to \$6.50, and ewes \$5.25 to \$6.25.

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year and same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	193,067	206,602		13,535
Hogs	865,162	836,798		28,364
Sheep	255,821	217,265		38,556
H. & M.	87,231	71,794		4,563
Cars	20,542	21,886		1,324

Livestock in St. Joseph.

Receipts of cattle here are holding nearer normal than at any other river market. Prices have been well maintained and in many cases the medium kinds are up 10 to 15 cents. No very high sales were reported where quality is left out of account but some steers at \$7.75 were higher than the price looks on paper. Prime steers would bring \$8.50 or better. Fair to good steers are quoted at \$6.75 to \$7.75, cows \$3.25 to \$7, heifers \$5 to \$7.50, and veal calves \$4 to \$8. Only a few loads of stockers and feeders were offered and they sold at \$5.50 to \$7.75.

At mid week the demand for hogs weakened 15 to 25 cents but since then the

market turned up again effecting nearly a full recovery. Only small supplies are in sight. The top price today was \$7.85 and the bulk of the hogs sold at \$7.80 to \$7.95.

Receipts of sheep continued light and there were no important net changes in prices. Demand for fed grades continues fairly broad. Lambs are quoted at \$6.50 to \$7.85, yearlings \$5.75 to \$7, wethers \$5.50 to \$6.25, and ewes \$5.25 to \$6.

The following table shows receipts of cattle, hogs and sheep in St. Joseph thus far this year and same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	149,479	141,614		536
Hogs	294,236	316,365		179,571
Sheep	227,853	215,611		2,961
H. & M.	17,491	17,554		64

Livestock in Kansas City.

Unusually high for this season of the year and little prospect for any decided drop in prices is the situation of the cattle market. Quotations carry little information unless one could see the cattle that sell at such prices. The offerings are plain to say the least and according to killers are yielding comparatively little beef. The top price paid for native steers was \$8.50, quarantined steers \$7.75, heifers \$7.25, cows \$7.25, calves \$6.25 and bulls \$5.50.

Some large bunches of feeders brought \$7.40, and stockers \$6.85. From top quotations down about \$1.50 is the extreme range in prices.

The hog market got scared of its own shadow last week and took a turn down. Later a stronger current in demand caused nearly a full recovery in prices. Packers are still the only buyers. Quality continues plain. The top price today was \$8.25 and the bulk of sales \$7.65 to \$7.90.

The following table shows the range in prices for hogs in Kansas City on days named, for the past two weeks:

	Last week	Preceding wk.
Tuesday	\$7.40 @ 7.90	\$7.15 @ 7.65
Wednesday	7.35 @ 7.85	7.05 @ 7.55
Thursday	7.30 @ 7.80	7.00 @ 7.50
Friday	7.40 @ 7.80	7.50 @ 8.00
Saturday	7.50 @ 7.90	7.50 @ 8.00
Monday	7.55 @ 7.95	7.60 @ 8.00

After reaching new high levels for the year on last Tuesday the market fell back 15 to 25 cents lower than a week ago. Choice lambs are quoted \$7.50 to \$8, yearlings \$6 to \$7, wethers \$5.75 to \$6.50, ewes \$5 to \$6. Some clipped Texas sheep sold at \$5.40 to \$5.90, and goats at \$3.90 to \$4.60.

The following table shows receipts of cattle, hogs and sheep in Kansas City

thus far this year and the same period in 1911:

	1912	1911	Dec.
Cattle	403,274	505,193	148,127
Calves	23,492	27,495	12,503
Hogs	375,960	392,546	28,746
Sheep	423,476	633,363	1,678
H. & M.	33,803	32,973	4,770
Cars	31,742	32,974	6,772

Cotton Market.

Galveston, Tex., April 15.—COTTON—Market higher, 11 1/2c.

Butter, Eggs and Poultry.

Elgin, April 15.—Butter this week is firm at 31 cents.

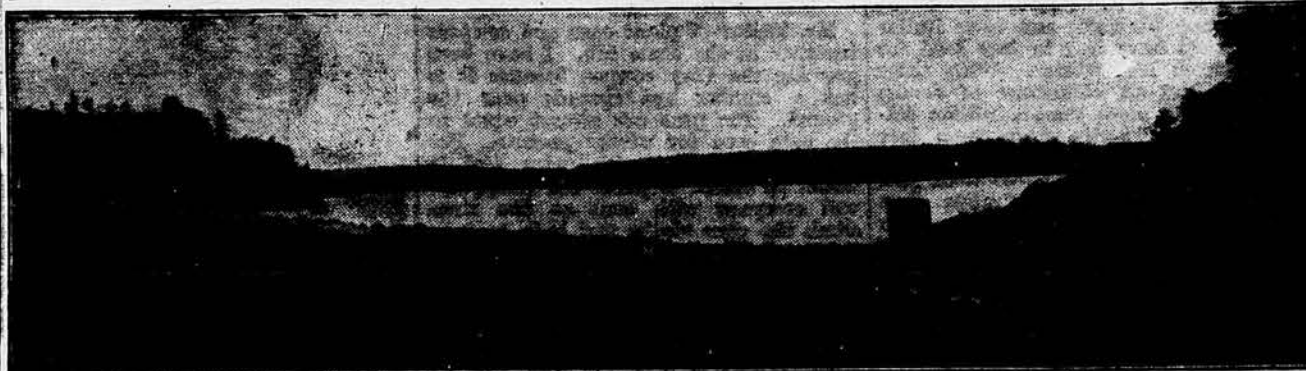
Kansas City, April 15.—Prices this week on produce are
Eggs—Firsts, new white wood cases included, 18 1/2c a doz.
Butter—Creamery, extras, 31c a lb.; firsts, 29c; seconds, 28c; packing stock, 27 1/2c.
Live Poultry—Spring chickens, 2 to 3 lbs., 16c a lb.; broilers, 25c; No. 1 hens, 13c; No. 2 hens, 10c; roosters, 7c; turkey hens and young gobblers, 15c; old toms, 13 1/4c; culls, 7c; ducks, 14c; geese, 6c; pigeons, 60c a doz. Dressed poultry sells for about 1 1/2c to 2 1/4c a lb. above live stock quotations.

Produce Prices Now and One Year Ago.

Quotations on Best Stock.)						
	Butter		Eggs		Hens.	
	1912	1911	1912	1911	1912	1911
Chicago....	31	21	19	15	14	14½
Kan. City...	31	20	12½	16½	13	14

Colorado a Great and Growing Agricultural State

Maybe you have thought Colorado is chiefly a mining state. Well, it is a great mining state, and the mines of Colorado have added greatly to the state's wealth. Mines make markets, the best kind of markets. Colorado is also an important manufacturing state. But agriculture is already the most important Colorado resource and it always will be. Conditions for profitable farming of nearly all kinds are not



The Great Outflow Dam, Source of the Highview Water Supply.

more favorable anywhere than in Colorado, and the farmers of Colorado are among the most intelligent, progressive and prosperous in the whole country.

Colorado has the markets, the climate, the soil, the water for irrigation farming which is the highest type of farming. The quality of Colorado fruits, vegetables and grains is the best in the country. And all these advantages are combined in the highest degree in the

Highview Park Tract

adjoining the great and growing city of Denver, the greatest city between Kansas City and the Coast. The land is adapted to almost any agricultural purpose, truck growing, fruit, especially apples and small fruit, alfalfa, dairying, poultry, etc., etc. You can enjoy life at its best at Highview Park. And you don't have to possess a fortune to buy some of this irrigated land. When you consider what is offered here the prices will be recognized as astonishingly low. Terms are easy. Investigation will show that our claim that this is the best proposition on the land market is not overdrawn. We are not offering something for nothing. We are not offering you a chance to gamble, nor a get-rich-quick scheme. We are offering real land, fertile soil, splendidly located, right at the best market in the West, abundantly watered, at prices that cannot be duplicated elsewhere under similar circumstances.

And Right Now Is a Good Time

to go out and look it over. You can do it at slight cost, and the trip may prove to be the best thing you ever did.

Special Homeseekers' Rates, May 7 and 21

The Denver Suburban Homes and Water Co.

620 Commonwealth Building, Denver, Colo.

James Butler, Eastern Representative, 1230 Fillmore St., Topeka, Kansas.

When the Green Gets Back.

In the spring when the green gets back in the trees
And the sun comes out and stays,
And yer boots pulls on with a good tight squeeze,
And you think of your barefoot days;
When you out to work and you want to not,
And you and yer wife agrees
It's time to spade up the garden but
When the green gets back in the trees—
Well! work is the least o' my ideas
When the green, you know, gets back in the trees!

When the whole tall-feathers o' winter time
Is all pulled out and gone;
And the sap it thaws and begins to climb—
And the sweet it starts out on
A teller's forlorn, a gettin' down
At the old spring on his knees—
A kind o' eat like a-loaferin' roun'
When the green gets back in the trees—
Jest a-potterin' roun' as I—durn—please—
When the green, you know, gets back in the trees!

—James Whitcomb Riley.

Butler's 20 Years With Kafir

BY J. B. ADAMS.

[Written for Farmers Mail and Breeze.]

It took us 20 years to find out in Butler county that we could not raise corn on our prairies. In the early 90s a few farmers began to see a little light. Most of the first experiments with Kafir were successful. From that time the acreage gradually increased, until in 1911 we had more than 100,000 acres in Kafir and the yield ranged from 20 to 60 bushels to the acre, according to the soil and methods of cultivation. In the last 20 years we have had two or three good corn crops on uplands but in all that time we have not had a single failure of the Kafir crop. In 1896 half the land in eastern Butler county, the upland portion, was owned by eastern investors. These lands have been bought back by our farmers and most of them paid for with Kafir.

It Stood the 1911 Test.

The year 1911 put our Kafir growing industry to the supreme test and but for our crop of Kafir and cane Butler county would have had to buy feed for her livestock last winter. With these crops we had an abundance of forage and have sold more than a million dollars' worth of Kafir grain from last year's crop. Corn was a total failure on upland and producing less than half a crop on the bottoms. Prairie hay turned out less than a third of a crop and alfalfa only a little better than half a crop. But notwithstanding this accumulation of calamities Butler county whipped the drought to a standstill with Kafir.

A Comparison With Corn.

In our 15 to 20 years of experience we have established that Kafir is a never-failing upland crop and that it is positively no more exhausting to fertility than any other, if as much. The old theory that Kafir is hard on land is an exploded delusion in Butler county. Kafir has a great affinity for moisture and it naturally leaves the soil very dry but it does not draw more heavily on soil fertility than corn, if as much. In the third place we have proven to our entire satisfaction that Kafir is practically the equal of corn for feeding livestock. Many bunches of cattle in Butler county were full fed last winter on Kafir and cottonseed meal mixed, or corn and Kafir chop in equal parts with the addition of some cottonseed meal. These cattle have sold on the market with no distinction whatever in quality or price. Hogs can be fattened on it as well and it may be fed to horses. The only difference between Kafir and corn is that the former must be ground and 10 per cent more in quantity should be fed at a feeding. I would not advise the planting of more than 20 acres as a first experiment, increasing the acreage as the farmer grows in knowledge and experience. It is known to many Kansas farmers, that Kafir will improve on increased familiarity with the soil. Plant the same field the next year with its own seed, if the seed is good, for the best results.

Eldorado, Kan.

A Good Good-Roads Motto

FROM THE KANSAS INDUSTRIALIST.

Not more money, but more results, and better results, for the money we spend; less tin and more concrete.

While the mule may kick a good deal, that isn't what makes it bring a high price.

The "Jayhawk" Announcement To the Farmers!!

OUR FULL LINE OF

Hay Tools

Will Be Sold Direct to You This Season at Factory Prices!

Saves You 15 to 25 Per Cent

First Successful Portable Stacker Ever Made!

Nine Years on the Market!

Every Machine Warranted!

Read What One Man Says:

Kaycee, Wyoming, Jan. 1, 1912.
F. Wyatt Mfg. Co., Salina, Kan.
Dear Sirs: Your stacker is the only successful portable hay stacker I have ever seen. With the "Jayhawk" Stacker and ONE BUCK RAKE, with one team to each, we can put up TEN ACRES of alfalfa hay in one day. The "Jayhawk" Stacker does most of the work. It works fine.
Respectfully, L. L. BROWN.

You Cannot Afford to Let This Offer Go By You!

Send For Our Catalogue

It tells you what our machine will do and how it is made. THERE ARE MANY IMITATIONS ON THE MARKET. LOOK FOR THE TRADEMARK and get a machine that has been tried by the haymen for nine years and has been proven a success.

The F. Wyatt Mfg. Co., 600 N. Fifth St., Salina, Kan.

Corn and Cowpeas Together

A READER'S WAY.

Mr. Editor—I plant corn and cowpeas together in the same hill. I have been growing the Clay cowpea because it is not a climber but spreads over the ground. The peas are almost equal to the corn crop for winter pasture. For large quantities of rich dairy feed it would be better to plant the Whipoorwill cowpeas with corn as the vines climb the corn stalks and both may be harvested together either for the silo or dry feed. Either will beat hay. For this purpose peas and corn may be drilled together or they may be check-row planted. For planting in the hill with the corn, 3 or 4 peas will be enough to insure a stand and help corn come up.

The last year I grew corn and cowpeas together was a very bad corn year but at that the corn on this field, which had been planted to corn 14 successive years, made 60 bushels per acre, while land by the side of it that had not had cowpeas on it made only 10 bushels. The peas not only improve the ground but get rid of the weeds and I get a double crop each season.

A. K. Van Matre.

Springfield, Mo.

How Seed Corn is Testing

This spring 1,708 samples of corn intended for seed have been tested by the seed laboratory of the U. S. department and they show an average germination of 81 per cent.

State	Number of samples	Lowest germination per cent	Average germination per cent
Missouri	51	2	88.7
Iowa	141	20	85.4
Kansas	86	0	82.0
Illinois	75	0	79.8
Indiana	08	0	76.1
Minnesota	06	30	73.1
Nebraska	50	1	64.6
South Dakota	57	0	56.8
North Dakota	19		

The low average germination for many of the larger corn states shows how serious the condition is, many of the samples being practically worthless for seed. Single ear germination tests should be made in all cases where ear corn is to be used for seed. When it is necessary to use shelled corn of which single ear tests have not previously been made, the corn should be carefully mixed and tested for germination. Not less than two times 100 kernels should be used for the test to insure having a representative sample. If you have to use shelled corn, test it for germination and plant enough, depending on the percentage of germination to insure a good stand.

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