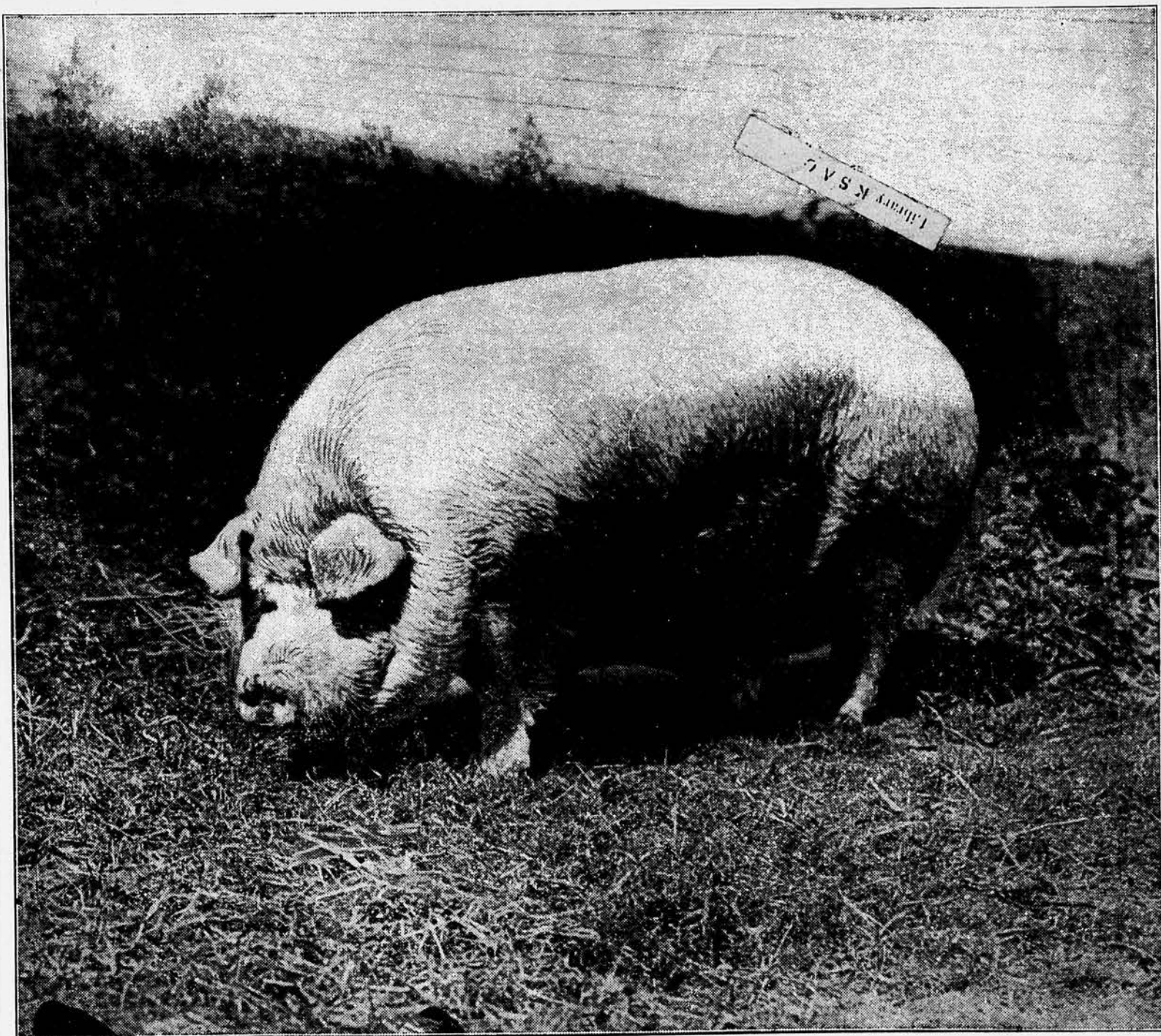


THE FARMERS MAIL AND BREEZE

Volume 42

June 1, 1912

Number 12



Sure! Markets Vary. But a Fact Which Doesn't is That Blood Tells in Weight, Form and Profit

THIS week a dairy train toured parts of Kansas. It is a significant fact that in the states and foreign countries which make dairying a business farmers are most well-to-do and most comfortably fixed. It is a business that brings in cash the year around and does not destroy fertility. And we know that better methods are lightening the drudgery of it and increasing its rewards. Kansas is a great dairy state—in the making.

Double the Rural Route Circulation of Any Kansas Farm Paper

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WE WILL ACCEPT THIS COUPON AT
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Money-Saving
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Order Your Goods Direct From This Page, or From Our Catalogs

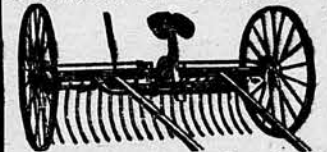
THIS great midsummer profit-sharing sale will give our customers the opportunity to save thousands of dollars within the next sixty days. Order from any of our Catalogs. Select anything you want except Groceries, and use the Coupons.

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Jones, Post & Co.

"Baisy" Hay Rake \$20.75
 8-ft. Size, F.O.B. Kansas City

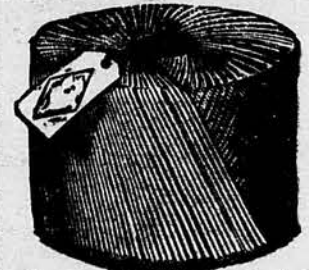


Self-Dumping—all work done by the horse. Teeth are flat-pointed sled-runner. Oil tempered, solid carbon steel. They don't scratch the ground. Coils are placed to give best results. Frame is high carbon steel, bolted, riveted and braced. Wheel double-hub, suspension staggered spokes. Nothing to get out of order. No jar. Cleaner bar has foot-lever to adjust teeth. See Implement Catalog for full description.
 2X8450—Each.....\$20.75

IRON PIG TROUGH \$4.75
 For 8 big pigs. Pour feed in center. One. Wt. 11 lb. not rust. Wt. 150 pounds.
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7½c Pound. Best quality, Standard. Insect proof—50-pound flat bale. \$3.75. Order at once as good Twine is scarce at this price.



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 2X7408—Pair.....\$1.65

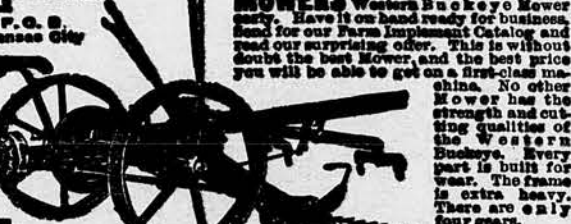
BIG CULTIVATOR BARGAIN

"New Climax" High Arch This "New Climax" is a high-grade Cultivator in every respect. Has great strength and durability; easy to operate, and the price is right. The couplings are low, which gives shovels good action. They can be adjusted to raise or lower the front ends of the gangs. The spread between the gangs can be varied. Arch is of steel with steel eveners. Low hitch. Reversible boxings, double action half-spring. Can be had in 4-shovel plain, or 4-shovel Spring Trip. If Spring Trip is wanted add \$2.00 to Cultivator to price given. This Cultivator has extra strong wheels, staggered spokes, shovels best quality soft-steel extra hard-ened. No better Cultivator made. Rush your order on these machines as soon as you need them. Weight, 250 pounds.



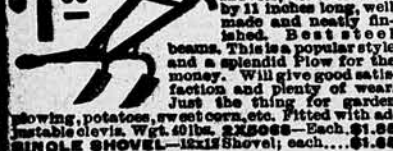
Price F. O. B. Kansas City. 2X8125—"New Climax" with four 4-in. shovels, complete.....\$12.95. We carry a full line of Cultivator Shovels, all Cultivator Shovels makes. If you are short write us. We ship direct.

WESTERN BUCKEYE



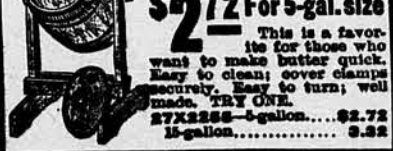
MOWERS Order your old reliable Western Buckeye Mower. Have it on hand ready for business. Send for our Farm Implement Catalog and read our surprising offer. This is without doubt the best Mower, and the best price you will be able to get on a first-class machine. No other Mower has the strength and cutting qualities of the Western Buckeye. Every part is built for wear. The frame is extra heavy. There are only four gears.

Iron Beam Double Shovel Plow \$1.15



Best crucible steel shovels, 4 inches wide by 11 inches long, well made and neatly finished. Best steel beams. This is a popular style and a splendid Plow for the money. Will give good satisfaction and plenty of wear. Just the thing for garden showing, potatoes, sweet corn, etc. Fitted with adjustable clevis. Wt. 40 lbs. 2X5008—Each.....\$1.15. SINGLE SHOVEL—12x18 Shovel, each.....\$1.15

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This is a favorite for those who want to make butter quick. Easy to clean; cover clamps securely. Easy to turn; well made. TRY ONE.
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 12-gallon.....3.22

"Great Western" Incubators



200-Egg.....\$13.75
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 Send for Catalog

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 Pure, grape juice unfermented, quart size, per dozen.....\$5.00
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LIME JUICE
 Imported from West Indies. Two tablespoonsful to a glass of water.
 ¼-dozen.....\$2.98
 One dozen.....4.10

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Made of Oak and varnished.
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 These Keys have handles and are handy to carry.

"JONES' JEWEL" Cream Separators



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 Positively the best all-round Cream Separator made. Skims four times closer than any other machine. Easy to clean, easy to operate; light running. Ball-bearings constantly bathed in oil. Gears do not leak the life out of the oil as in others, or throw it over the inside of Separator. Tests show that the "Jones' Jewel" will outlast any machine on the market. We guarantee each and every Separator against defective material and workmanship as long as you use it. Send for one and try it 30 Days Free, or send for special information and Farm Implement Catalog.
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 2X2255—No. 3, capacity 500 lbs.....45.00

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The lever on this Cultivator will quickly regulate the width of cut from 9 to 26 inches, making it one of the best Cultivators on even, or uneven rows. Has hinge-attachment not found on others. The ratchet, stop and expanding rods are made of good material and maintain the necessary rigidity at any adjustment of the cut. Order quick. Shipping wt. 55 lbs. 2X2646—Each.....\$285

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SWEET CLOVER WHERE RED CLOVER OR ALFALFA FAIL

THERE has come much change in sentiment about Sweet clover. A few years ago it was even legislated against as a "noxious weed." A Kansan in the southeastern part of the state, was the first to strongly advocate to the writer that Sweet clover held great possibilities as a useful field crop. His investigations revealed that it was being utilized in western Kansas and in other states, notably Iowa, with profit and satisfaction, and those who had experience with it were enthusiastic in praise of its qualities. This gentleman's thoughts were turned to it because it grew luxuriantly on soils that were inhospitable to alfalfa or Red clover. Said he:

"For three years we failed to secure a stand of alfalfa, on good sandy loam underlaid with red clay and hardpan, while a great abundance of Sweet clover grew naturally in all kinds of soils, among rocks, in coal banks, slate, gumbo, hardpan, and so on, wet or dry, continuing to spread, in the roads, lanes and elsewhere."

It is possible that tile draining and lime might have corrected conditions there for alfalfa, and alfalfa is worth the outlay, but the point to this was that Sweet clover flourished under circumstances that seemed all against alfalfa. The writer is not disposed to suggest any general planting of Sweet clover except where it has been positively determined that alfalfa or Red Clover will not prosper, although there are those who declare the Sweet clover is superior to the Red.

There is a trio of Sweet clovers, two of which are biennials, the white flowered (*Melilotus alba*), and the yellow flowered (*Melilotus officinalis*). The other (*Melilotus indica*) is a small, yellow annual, of little or no value. Of the other two the *Melilotus alba* is preferred. Generally, when referring to Sweet clover, that is the one meant. It is also frequently called Bokhara, melilot, Honey clover, Bee clover, and the like.

The hay has much the same feeding value as alfalfa, and more than that of Red clover. Animals show a marked fondness for the hay after having been accustomed to it—which by the way is usually a matter of education—and one well known Shawnee county dairyman avers that given a mixture of alfalfa, prairie hay and other forage his cows nose over the whole and pick out the Sweet clover first. He reports excellent results with it as hay and pasture, and is earnest in his belief that it is a wonderfully valuable plant under certain conditions, especially on land where alfalfa does but indifferently or fails of a stand entirely. It is excellent as a forerunner of alfalfa, having the same sort of bacteria on its roots, which are necessary for the prosperity of either. It is probable that a field previously unsuited to alfalfa may be found favorable for it after Sweet clover has grown there.

Its ability to improve soils lies not only in gathering nitrogen from the air and storing it in the earth where grown, as do the other legumes, but also in its uncommonly large roots, penetrating to considerable depths, perforating and sub-dividing the subsoil. Decaying they contribute humus, and the innumerable openings they cause admit air, light and moisture. Used for green manuring its value

The Hay Has Much the Same Feeding Value as Alfalfa and More Than Red Clover

BY F. D. COBURN

Written Expressly For Farmers Mail and Breeze

as a soil improver is still greater, the Illinois station finding that an acre of Sweet clover yielding 6½ tons of dry matter would furnish as much humus-forming material as 25 tons of barnyard manure. This action of its roots is especially beneficial to land that is sandy or too stiff and tenacious, as gumbo and hardpan. It thrives where humid conditions prevail, yet is notably drouth-resistant.

Those who have had experience with it are praise-ful of Sweet clover for pasture and hay. It provides early and late grazing about equal to alfalfa and Red clover, but without their tendency to bloat ruminants. Mixed with timothy and bluegrass or in native pastures it is well spoken of by its advocates. In its second year it is ready to graze upon as early as April. It may be thus used the first year until after killing frosts, and if not kept

developed beneath the surface soil, and successfully weather the severest winter. When cut early, though, say in June or July, 4 to 6 inches of stubble should be left, for cutting too close then will kill the clover, as its sprouts have not yet started. It is important that in its second year it be cut high. Cases are known where cutting in June 10 inches high resulted in killing the clover in spots.

Sweet clover may also follow either early oats or barley, but should be put in promptly after harvest- ing, for if sown late, say in August, it may not survive the winter in northern latitudes. Early spring sowing is best, as a rule, and the seedbed should not be freshly prepared. Sown on native or tame grass sod which has been plowed and disked, and worked down, a stand is practically certain.

It does not seed the first season, and is usually cut when attaining its maximum growth in autumn. The second year it is sturdier and more vigorous, growing coarser and higher, and produces a heavy tonnage in two to three cuttings of hay, according to location, or one to two of hay and one of seed. It seeds and dies the second year. When pastured, if not carrying too many animals, it will reseed itself, thus furnishing permanent grazing.

The second year's hay is cut at various stages. The preferable time is just before blooming, per- haps in June, and a seed or other hay crop will come later. Of course if pastured until June, then the

hay crop would mature in weather ordinarily much better for curing. Excellent hay has been secured by harvesting when in full bloom or a little later, with a self-binder, the bundles being placed in small shocks, and later stacked. This saves a large percentage of the leaves, which approximate in value those of alfalfa, pound for pound, and are practically the equivalent of bran in the feeding ration. Ordinarily, however, it is cut with a mower, and handled much the same as in curing alfalfa or Red clover. It should be put in the cock green enough so there will be a minimum of loss from shattering. A rain fall- ing on the freshly bunched clover does little if any damage, as the stems being smooth shed water better than either alfalfa or the true clovers but it takes longer to cure, as the larger stalks contain more moisture.

It demands a firm seed- bed, as does alfalfa. This is suggested by its natu- ral habits of growth in

abundantly reseeding itself along highways, for in- stance, where no cultivation or preparation is made. It may be broadcasted, covering lightly with a har- row, using 20 pounds of hulled seed to the acre, with or without a nurse crop. If drilled, somewhat less seed may be used. Fields that do not have the bacteria need inoculation, commonly had by distrib- uting 200 to 300 pounds of earth from tracts where alfalfa or Sweet clover have grown.

Those situated where Red clover and alfalfa seem unreliable or out of the question might do well to experiment with a patch of Sweet clover. If not liked it is easily eradicated. There is doubtless a great deal yet to learn about this plant that expe- rience and experiment will reveal.

F. D. Coburn



The corn growers in Mail and Breeze territory speak well of the two-row cultivator as a time and labor saver and a corn-making tool. It is possible to cover 18 acres a day with the two-row machine and save a man and a horse; and by doing its work well and quickly it is a yield promoter.

eaten too short a cutting of hay may be secured also. It requires no aftermath for protection through winter.

Oats, for pasture or grain, are not uncommonly sown with it, and some seed in winter wheat with it in the spring, as with Red clover. It will prob- ably do better, however, sown alone, and particu- larly if the season be dry, in which case it would need all the moisture. When seeded with a nurse, as oats or barley, using about three-fourths the seed commonly sown of either of the latter, a grain crop may be harvested unless rains are insufficient, when it should be cut for hay, in either case set- ting the sickle bar high. When the grain is harvest- ed, a good crop of excellent hay may be had in the fall, preferably after light frosts. It may be cut as close to the ground as desired at this season of the year without injury as the crown sprouts have

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ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor

A. L. NICHOLS, Associate Editor.

E. W. RANKIN, Advertising Manager.

Editorial Contributors.

F. D. COBURN, PROF. W. M. JARDINE,
PROF. CHARLES DILLON, EDWIN SNYDER,
PROF. O. E. REED, PROF. G. C. WHEELER,
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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.

HIGH COST OF LIVING. Without disputing the statement that trusts and combines have in many cases forced up and kept up the price of necessities to a higher level than is natural and that the greed for exorbitant profits, dividends on stocks and bonds that do not represent anything but water has had much to do with placing an unnatural and unnecessary burden on the consumers of this country, it is only fair to say that a considerable part of the increased cost of living in the United States results from the natural desire on the part of the great mass of the people to live more comfortably, to enjoy the things that the genius of this wonderful age has produced.

Let us consider some of what may be called by some the trivial things that enter into our daily expenses: Sixty years ago the tallow candle was the best light that could be found in a great majority of the homes even of the well-to-do. People were satisfied with that kind of light because they didn't know that it was possible to get any better. Of course the houses were dimly lighted, for a tallow candle didn't give any more light 60 years ago than a tallow candle would give now, but the average family didn't use much light. The doctrine of early to bed and early to rise was generally taught. Most of the people went to bed as soon as it got dark, and therefore didn't spend much money, even for candles. As they didn't have much time or opportunity to read they didn't spend much money for reading matter, either. The daily paper was unknown outside of the larger towns and cities. Magazines as we know them now were unheard of and although there were one or two unillustrated magazines printed, they had no general circulation among the people. The bill for reading matter, therefore, was small among the masses of the people.

By and by petroleum was discovered and a crude process of refining it was put into operation. It was a poor kind of illuminant, but the coal oil lamp was invented and people began to burn oil instead of candles. The lamps were poor, the light was poor as compared with the lights of today, but it was so much better than the old tallow candle that people thought it was fine. With the introduction of the lamp the lighting expense increased. People sat up longer at night. They therefore had more time to read and the amount of reading matter increased. The war brought out the modern daily paper, not the big daily such as we have now, but a daily that furnished the news every day. The interest of the people was, of course, intense, and the circulation of papers increased tremendously. The light bill and the reading bill was greatly increased. Then the gas light in the towns began to supersede the coal oil lamps not only for street lighting, but in the homes of the people. The gas lights were not very good, but they were away ahead of the coal oil lamp. Finally the electric light and gas mantles came into use, increasing the light power

tremendously. As the light improved, the desire to read increased. Daily papers became more common. Magazines increased in numbers and circulation. The poor man spent a good deal more for current reading and literature than the rich man spent a generation before. He had become educated to the new order of things, and what had formerly been considered a luxury became a necessity. As people became accustomed to better lighted houses they demanded more and more. Where at first a business house thought eight or 10 small electric lights were sufficient to light their places of business they increased them to 20, 40 or 60, and each light of higher power than the old. The same proportionate increase in light took place in the homes of the people.

Then came the invention of the telephone. At first the use of this invention was confined to a few business houses. Then people commenced to put telephones in their homes. Another case of what was considered at first a luxury came to be considered a necessity. Even day laborers began to think it was necessary to have telephones in their houses. It was a great convenience, but it added from a dollar and a half to \$2 per month to the cost of living.

Some genius discovered that it was possible to make water freeze by artificial means and manufactured ice came onto the market. Sixty years ago it would have been nearly impossible to find ice at the best hotels in the country. Even after the manufacture of ice commenced to be a regular business it was regarded simply as a luxury to be afforded only by the rich. But gradually the people were educated up to the point where they nearly all wanted ice. Now the family that does not buy artificial ice during at least a part of the year is the exception.

In the old days the wash tub was considered good enough for bathing purposes. The bath room and bath tub were luxuries. Now even the small cottage which is built new is equipped with the bath room and bath tub as a matter of course. All these things add to the comforts of life, but they all add as well to the cost of living. We could get along, I suppose, with the tallow dip, as our fathers did, and cut down our light bills to a quarter of what they are now, but we have no notion whatever of doing it. We could get along without telephones, as our fathers did, but we will not get along without them. We could get along without ice, but we are going to have it. There is no sort of doubt that people could get along with a quarter of as much meat as they do now and probably be as well off. The Jap in his native land eats little or no meat except, perhaps, fish. He has as much or more endurance than the American meat eater. Rice is cheap and nourishing. We could cut out meat and live on rice if we would, but we will not.

The man of 50 remembers when the barber got no money from shearing his locks. His mother did that. It wasn't an artistic job, but it was reasonably thorough, and it didn't cost any money. I have a friend who tells me that he has written a soulful poem on the subject, "When Mother Cut My Hair." She was the tonsorial artist not only for the children, but she also clipped the locks of her husband. Now practically every boy goes to the barber, who charges him 25 cents for the hair cut and also works him, in all probability, for a shampoo, which takes another quarter. Now we could go back to the time when Mother put a crock over the head of her hopeful and sheared around the lower edge of the vessel and save the barber bills, but we will not.

We have been educated up to the new order—to the electric light; to the daily paper and a half dozen magazines; to the modern bath tub; to artificial ice delivered every day; to the telephone; to clothes made to order instead of put together by the women at the house; to fruit on the table nearly every meal; to high priced cuts of meat. We could go back to the old order, perhaps, and save a good deal of money, but we will not. And really, why should we? This land is capable of furnishing all the people who live here not only as good and comfortable living as the average citizen gets now, but better than he gets now. When we have solved the question of distribution successfully; when we have unloaded the fellows who are simply roosting on the shoulders of the producers without giving anything in return for what they get; when we have cut down the tremendous burden of debt that is loaded on the backs of the people who do the work of the world; in short, when we have learned how to cut out the economic waste, everybody who is willing to work will be able to live more comfortably than the moderately well-to-do can live at present.

THE EFFECT OF ENVIRONMENT AND EDUCATION.

It has been a good many decades since Great Britain established a penal colony in the Australian continent. The policy was adopted of sending criminals abroad. It was rather easier to do that than it was to hang them and then there was a possibility that these deported criminals might be valuable there in subduing that wilderness.

It was figured that before the savages were subdued a good many white men would have to be killed and it was cheaper to let the savages kill these criminals than to send good Englishmen out there to be slaughtered.

It looked like a tough outfit with which to build up a new country, but at that time the Britishers

didn't consider Australia of much account, anyway.

What happened? These criminals were given a chance in that new land to work for themselves. The soil was fertile and opportunities abundant. And this was the remarkable result: These men given opportunity ceased to be criminals and commenced to build homes and found fortunes for themselves. It is said even now to be considered rather bad form in parts of Australia to ask a native there about his ancestry, for there is a strong probability that even if he is a leading citizen he has descended from a felon progenitor. Today the states that make up the Australian commonwealth are among the most progressive and prosperous in the world. They are as truly democratic in their form of government as the United States and even more so. They are far in advance of us in trying out new policies of government, such as the government ownership of railroads, the settlement of labor troubles and the assistance to farmers in the development of the lands by government loans at low rates of interest. All this simply goes to show that there is not so much in heredity as we are apt to imagine.

If you, my dear reader, were to run back far enough along your ancestral line the probability is that you would be humiliated by the discovery that some ancestor of yours was hanged for stealing sheep or cattle from his neighbors. If Mr. Darwin was correct in his philosophy, then none of us have any reason to boast of our original progenitors. Back far enough, a million years perhaps, before history began to be written, your ancestor and mine swung by a prehensile tail from the limb of some banyan tree and chattered his love to some hairy-faced monkey maid.

It is hard to believe that the long-snouted, rough-haired Arkansaw razorback and the blooded Kansas swine can possibly belong to the same family, and yet if you were to trace the ancestry of the Kansas hog back far enough you would find that he sprang from as ungainly, rough-haired and long-snouted an ancestor as any hog that roams through the woods of Arkansas. Environment, feed, education, opportunity; that has made the difference. Of course there was a long process of careful selection that has produced this nearly perfect Kansas hog, but there is still the element of the razorback in his blood. Just turn him out in the woods. Neglect him and in the course of a few generations his progeny will revert to the original type and be as rough-haired, long-snouted and unlovely as the present razorback of Arkansaw.

THE WILEY'S NEW BABY.

Dr. Wiley proudly announces to the world that he and his wife are going to raise that new baby of theirs according to rule, and inferentially that it is going to be the model baby of the age.

Maybe it will turn out just as Doc predicts, but there are a lot of Missourians in this skeptical age. Doc himself has shown some disposition to show irritation when an attempt was made to bind him too closely to rules. Like a good many people he rather enjoys making rules for other people rather than having them make rules for him. If that boy is like the old man, in the course of a year or two it will begin to promulgate a few rules of its own. Furthermore, it will be leading Doc and its mother about captives, even as the conquering Roman warriors led their captives chained to their chariot wheels. I am freely offering to wager a reasonable amount that within three years at the outside that baby will be running the Wiley ranch and making old Doc do the turkey trot and the bear hump at its pleasure. Or, if Doc really does persist in trying to raise that baby by an old man's rule and enforces his authority, then God help the poor baby. No antiquated pilgrim of 70 years or better knows how to raise a baby. No two babies can be raised successfully, in my opinion, by the same formula, because they are all built on a different plan. What is one man's meat is another man's poison. What one thrives on will kill another if he will stay with it long enough.

NOT SATISFIED WITH THE TEXT BOOKS.

Mr. A. L. Scott writes from Fort Scott, Kan., as follows:
The writer is a member of the board of education of this city and has in a small degree gained the reputation as an opponent of the old, antiquated methods of standpointism. I am convinced that the public school children are not getting a square deal in the matter of textbooks. I am desirous to know whether those who are opposing the present textbooks and the system of their selection have a constructive policy to present as a solution of these troubles? I should like to know what the facts are, if possible, about the book trust? I have read many articles in the Daily Capital regarding these matters, but have not seen anything that appeals to me as a remedy for our present troubles.

I am not at all surprised at the statement of Mr. Scott that he has not seen anything that appeals to him as a remedy for the present troubles. There are two problems to be considered in connection with the school book question, perhaps I should say three. One is the kind of books to be used in the schools; another is the cost of the books, and the third is best means of distribution.

I have not given enough time to the examination of the different school books offered to the public

to feel that I am qualified to pass on their respective merits. Those who pretend to be experts differ widely in their estimates of the quality of the books offered. Personally I confess to a prejudice in favor of the old readers and arithmetics and grammar I studied when I was a student and when I afterward undertook to teach in country schools. If I had my way, for example, I would select the old McGuffey readers and spellers and the old Rays series of arithmetics with perhaps a few alterations. I would also select the old Harvey's grammar, but perhaps I like these best because I am familiar with them. I do not say unqualifiedly that they are the best books that can be put in the public schools, I simply say that I like them better than any others I have seen. However, here is the trouble with our present method of selection of books. A textbook commission is selected. I have no criticism of the personnel of that commission. So far as I know them they are honest, scholarly men who are capable of making good selections if they have the time. However, they are all engaged in other business. At the appointed time for making the selections of books they meet in Topeka and devote a few days—I think at the last sitting the commission devoted some five days—to the important business of selecting all the books that are to be used in our public schools. The books presented for consideration by the various book publishing houses would fill a respectable sized library. It seems to me that it was utterly impossible for the members of the commission, in the brief time they had, to make a careful examination of the books submitted and come to an intelligent determination of their respective merits. The tendency of the present system also seems to be too frequent changes of books, which works a hardship to the poor people, who generally have the largest families, and consequently the greatest number of books to buy.

A second fault with our present system, in my judgment, is that the books selected cost too much considering their quality. What is the remedy? First, I think, the textbook commission should be composed of state officers who are devoting their entire time to state affairs. It should be made up, I think, of the governor, secretary of state, superintendent of public instruction, attorney general and state printer. No text should be adopted without being under consideration for at least six months. The state should increase the capacity of its state printing plant, both as to room and equipment, until it would be a thoroughly up-to-date plant capable of turning out any sort of book work at the lowest cost and in the most workmanlike manner. The cost of printing the books can be reduced by state publication at least 33 per cent below what the people of the state have to pay for books of a like quality. The advantages of this plan, in my judgment, would be first that more careful consideration would be given to the selection of texts; second, that the cost of books to the people of the state would be very materially decreased; and third, that there would be less frequent changes in textbooks. It will readily be seen that the state would not be disposed to frequently change books for the reason that such change would almost necessarily leave a stock of dead books on the state's hands. The McGuffey readers were used for more than a generation in some of the states. They are in use still in some states and experience showed that this stability was to the advantage of the scholars. The lessons of morality, philosophy and patriotism sank deep into the hearts of the children from frequent reading. The selections from the very best of ancient and modern literature established a literary taste that was of tremendous advantage. Ask the average man who was raised on those old readers what literature he remembers and 10 to 1 he will recall the selections he read in his old reader.

The state, however, should not be limited to state publication in the selection of books. If the state officials, after careful investigation, should find that certain books, for example, geographies, could be purchased in the outside market cheaper than they could be produced in the state plant, then the state should be free to buy on the outside. I do not know whether the foregoing will appeal to Mr. Scott or not, but it expresses my own ideas on the subject.

WORK OF GREAT VALUE TO KANSAS. Prof. TenEyck has worked out some new ideas in dry-farming at Hays which it seems to me will go further to put agriculture on a permanent footing in western Kansas than anything else we know at the present time.

The prairie gales of western Kansas, which in a few hours can blow a finely pulverized soil clear off the face of the earth, prohibit following some of the hitherto standard methods in dry-farming. In endeavoring to get around the difficulty and avoid soil drifting, new methods have been evolved at Hays which not only give vastly better results in western Kansas, but may later be found superior to the old, elsewhere. The new methods were explained in detail by Prof. TenEyck in the Mail and Breeze of April 20. In the main they consist of listing the soil in deep furrows and high ridges immediately after harvest, or in the fall. The soil of western Kansas is stratified in a vertical plane and the water which collects in the bottom of the listed furrows penetrates rapidly downward. Then as these ridges present less evaporating surface the moisture is in this way better conserved. The ridges also

protect the furrows from the wind and the direct rays of the sun, when the listing is done east and west. Furthermore the listed ridges, themselves, dry rapidly which operates as a further check to evaporation of the water in the subsoil, as the moisture is prevented from reaching the surface.

In a test at Hays of the water-storing powers of the two methods, it was found that about half the water of a 2-inch rain was absorbed by a smoothly cultivated field, while a deep listed field caught and stored nearly the whole amount.

It seems to me it is hardly possible to estimate the value to the state of this work at Hays. Speaking of Prof. TenEyck Secretary Coburn said recently:

"I have come to have a high admiration for Prof. TenEyck and his work. His practical knowledge of agriculture in general, and that which he has acquired during his many years here, as to Kansas' special conditions and needs, make him an especially valuable man for us, and it would be a misfortune if the state were not to avail itself in future of such an important asset. I question if we really appreciate his qualifications and industry at their full value, which each year of added service will enhance not a little."

It is Prof. TenEyck's opinion that if the western Kansas farmer will practice the methods of soil culture, crop rotation and livestock farming described in his Mail and Breeze article, his business will be just as permanent and his profits more certain than those of the farmer whose crops are apt to be injured by too much rain as well as too little.

A QUESTION OF TITLE. A subscriber from Oswego asks the following question: "Supposing that I had 80 acres of land in a bend of the river and there was 20 or 30 acres of land lying between my farm and the river that I had no deed for, could I hold it or not? Now if I can or cannot hold it, is there a limit to how much I can hold it if the land is as high as the other land the people are farming all over the river bottom?"

As to the first part of the question, the subscriber cannot hold the land to which he has no deed except by undisputed possession. If his possession continued long enough undisputed by any other claimant it would eventually ripen into a title. In this state undisputed possession for 15 years ripens into a good title with certain qualifications. If, for example, there were minor heirs to the land they would have two years after coming of age to lay claim to the estate. If they failed to assert their right in that time it would lapse. The last part of the subscriber's question I do not understand. What other farmers may be doing on the river bottom would have nothing to do with his title to this particular land.

OFFICES TO THE LOWEST BIDDER. A Winfield subscriber has a novel plan for conducting public business. He says: "I would like for you gentlemen to express your opinion on the following question through the columns of the Mail and Breeze. Instead of the salary or fee-grabbing system, why cannot the county offices be let out under sealed bids to the lowest bidder, as are public buildings, bridges and other public improvements; provided that said lowest bidder can give proper bond and is competent to handle the office, thereby giving the poor man who has not the means to pay campaign expenses the same chance for office as the man who has the means?"

I will admit that this is a new proposition to me, but at present writing I hardly think I would favor auctioning off the public offices. I would be afraid that it would result in a good many grafters in office. Men would bid for office at a rate that no honest man could take it, and live, and depend on working a profit out of it after he got it. It is true that bridges and public buildings are let that way, but the contract calls for the building according to certain specific plans and specifications. If the contractor does not do the work according to these specific plans, he can be forced to do so. It would be impossible, however, to lay down specific plans and specifications covering the whole conduct of a public office. There are a good many ways in which an officeholder can work a graft and not be detected if he is smart enough.

WHAT'S THE MATTER WITH OUR ARMY? Editor Mail and Breeze

I am not certain in my own mind as to whether or not it is a wholesome thing for the discipline of our army and navy to tell tales out of school, but the Mail and Breeze gave space recently to a letter written and signed by an ex-enlisted member of our navy that is prolific of much comment and criticism. The writer served nine months in the army as a volunteer soldier in our war with Spain, one month of which was spent in the field hospital, fighting a tropical fever instead of our friend, the enemy, and this short term of active service may not warrant an unqualified endorsement of every statement made in my sailor comrade's letter, as far as those statements apply to the army.

The particular man-o'-war on which he served may have had exceptional discipline, or lack of discipline, as compared with other vessels in the service. The particular regiment in which I had the opportunity to enlist as a volunteer may also have been exceptional in this respect, but I would not like to push this matter aside, and treat it as only a striking coincidence, that this letter of the

sailor boy should read substantially the same as if it were taken from my own "Diary and Notes of a Private Soldier on an Army Transport, in Camp and on the Skirmish Line," during the summer of '98.

"War is hell," and the engines of war will sometimes get into the hands of men who will make it worse than hell for him who makes the mistake of entering a protest against the established rule and the written "order."

Complaints and protests on the part of the enlisted man must be made to his "superior officer," who in turn reports it to his "superior," and so on up the line until it reaches someone who will either recognize grounds for complaint or apply the censorship, which, by the way, is the most rigid and autocratic of our government. There is also interminable red tape and the application of senseless rules, as far as the discipline of the average American soldier is concerned; and the average American soldier will quietly submit to this discipline and order until he is mustered out, and even after he is mustered out.

Now, what is this discipline and order of our army and navy? And where did we get it?

With the exception of some things recommended by Colonel Roosevelt and put into practice by himself in his characteristic way while he was in the service, the discipline bears little or no relationship to anything else that is branded American. It would be nearer the truth to say that it is a bodily importation from Europe, where the private soldier as well as the private citizen, is a serf, a vassal to his superiors and will take his orders with the servile salute of the slave from the master, rather than with the grace and courtesy of the well-bred American citizen, who has never learned the meaning of the terms serfdom and vassalage.

It must be borne in mind that none but the best physical types of young manhood can enter the service. If you have any doubts about this, try the physical examination for the "regular service" at the nearest U. S. recruiting station.

Now it happens, sometimes, that with a fine physical type there is a fine spirit, a fine individuality that might be used in a more honorable service for the state and the nation, and it seems a pity to waste it in the military or naval service. If he comes out of this service a stronger man than when he entered it, he owes nothing to this school of hell, so aptly defined by the grim warrior who knew from experience that it was no other kind of a school.

The war department reports that it is troubled with desertions, desertions running into the thousands every year, and is puzzled as to the cause and how to put a stop to them. If it were not a breach of discipline for an officer to "mess" with the men under his command and be willing to share the adulterated food out of the same can; if he could engage in a conversation with an enlisted man, without the fear of a court martial, or at least a reprimand from some one above him; in short, if he could throw off the old world discipline which we have imported and be an American, he might learn more about the men entrusted to his command and why they become restless in the service.

If we must have war; if we must continue to sacrifice the flower of American manhood on the altar of this blood-stained god of the battlefield, let us do it in the American way. It is more in keeping with the traditions of our national life.

GEORGE ALLAN KENNEDY.

Enid, Okla.

Never having been a soldier, my opinion is purely theoretical. But I believe Mr. Kennedy is right. The trouble with our system is that it is not American in spirit. It tends to destroy that spirit of independence that is strong in the mind and heart of every true American.

GOOD LOCAL ROADS FIRST

It seems to me that many of the advocates of better roads, who profess to speak for the farmer, do not have his viewpoint at all. The farmer wants good local roads. He wants a good road to his town and shipping point and to the school house and church of his neighborhood. He is not interested as yet in cross-state highways and automobile routes. His first consideration demands the improvement of the road or roads he must travel and travel often.

In my opinion this means that the well-drained, persistently-dragged earth road offers the most practical solution of the good roads problem in Kansas for many years to come.

In those thickly settled districts near the larger cities, where land is more valuable, where an abundance of rock can be had nearby, and where the county or township will not be overburdened by an outlay of \$3,000 a mile, the stone or rock road may be desirable. But I am absolutely convinced that continuous and intelligent road dragging is the cheapest, simplest, most effective method we have as yet of improving Kansas roads and the best means we have for enlisting public sentiment in behalf of road improvement.

Few of us I believe appreciate the wastefulness of our present system. It is probable that more money is wasted in the building of roads than in all the other forms of public work. It is wasted almost entirely through misdirected and unskilled effort, through work in the wrong places, or at the wrong time, through the improper use of both good and bad tools, and our universal lack of system in both construction and maintenance. Undoubtedly we have too many inexperienced, incompetent, inefficient subordinate road officials.

It should be our first care to provide good roads at a minimum of expense for the farmer's team. That is the most important end of our good roads problem at the present time and one not beyond our means or powers of achievement.

Arthur Capper

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 reasonable 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.

For nearly a week the farmers of this section have been marking time. A rain measuring 4.30 inches made the ground so wet it could not be worked for that length of time.

The soil in this part of the state is heavy and a rain stops work much longer than where there is more sand. Having lived in both sandy and heavy soil sections we are unable to say which has the greater advantage.

The heavy soil gets wet and muddy and the sandy soil blows. Which is worse is hard to say. When we used to see the wind blow we would think nothing could be worse but when mud is half a foot deep we have our doubts about the other being harder to contend with. There is no section but has its drawbacks.

It is not yet known whether or not the corn planted just before the big rain will make a stand. When corn has been planted long enough before a wet spell to get a good sprout started it will go through much trouble and still come all right, but where it has just been planted and that night a 4-inch rain comes followed by a few days of weather nearly cold enough for frost, it is hard on corn.

We all know how common it is to hire cattle pastured and what the usual charge is per head, but how many have ever heard of putting hogs out to pasture and know what a proper charge should be? A neighbor has just put 15 head out on another neighbor's alfalfa field and for his pasturage he pays 30 cents per head per month. They had never heard of hogs being pastured in this way and had hard work to fix on what they thought would be an equitable charge. Is this enough, or is it too much?

If we had hogs weighing more than 100 pounds and had no pasture for them and could get them into good alfalfa for 30 cents a month we should think we were making a profitable deal to have them pastured. A hog will certainly gain more than 30 cents worth in 30 days on alfalfa. On the other hand, a man with a good growth of alfalfa can make a good thing by pasturing hogs at that price; it would not take such a large acreage to pasture 100 head and that would mean an income of \$30 a month with no harvesting work attached and no danger of wet weather spoiling the hay.

Corn is so very scarce and high that many hogs will have to get through the summer on pasture alone. It is a question in our mind if it pays to keep hogs in this way. They need a little grain to give them strength and while the cost is going to be high we think it will pay to give the hogs at least three or four ears apiece each day. Hogs on pasture alone will make practically no gain but if they can have just a little corn they will do well.

Packers are keeping the price of hogs down to \$8 or a little below in Kansas City which makes them the cheapest thing there is now in the livestock line. That they have not gone higher is due to pretty fairly large receipts of rather common quality hogs. Corn is now from 80 to 85 cents in all western towns and this makes the feeding of hogs that bring from \$7.25 to \$7.50, locally, pretty poor business. It is this that is driving in such a lot of light hogs. Later in the season we cannot see how the \$9 hog is to be avoided and before the new crop is marketed we should not be surprised to see them bring \$10.

A year of hog feeding with no profit has the effect of cutting down the supply and those who keep on raising hogs make back what they lost later. In 1907 every man who fed hogs lost money and it was not until well up into 1908 that they could break even. For a year

after that it was just a question of swapping dollars to feed \$5 to \$6 hogs on 50 and 60-cent corn. And as it had been two years since anything had been made in hog feeding, everyone got sick of the business and shut down. This brought hogs up to \$11 later and those who had kept in the business got back what they had lost, for these \$10 and \$11 hogs were made on 60-cent corn.

These violent changes in the market are responsible for high-priced meat for the consumer and for losses in feeding for the farmer. A big run of stock brings down prices to those who sell; the packers buy this cheap meat and store it up and after they get everything full of cured meat, up go the prices. The farmers and consumers of this country would be better off if the markets could be held at a decent level at all times. If the feeder knew that he was going to make a fair profit he would feel more like producing the meat than if he felt, as he does at present, that he is as likely to lose all his feed as he is to make a profit. Manufacturers and business men can add a certain per cent of profit to the cost of their goods but the farmers and feeders can do nothing of the kind. It is this uncertainty that has made so many quit raising and feeding cattle and hogs.

But after all we cannot lay all the ills of our livestock market to the packers. While they make good profits we

We do not advocate that a man plant more acres, but that he should use more brains and less sweat.
—H. M. Cottrell.

question if it would be better for the big concerns to be broken up into little ones. Were we to depend on thousands of small markets we would get a great deal less for our stock than we have to take now and the consumer would have to pay much more. The big packing concerns have made a worldwide market for our meat, a market that small concerns could never have created. We know one thing; we should hate to depend on local butchers for our market. Regulation and not destruction of our big manufacturing concerns is to our mind the right thing to do. One big trust is better than a hundred small ones. The big trust is content with a moderate per cent of profit but the small combination of trusts don't know when they have a mouthful.

What to do with the hens that want to set is a problem that comes up every day now. If the hens could have their way they would increase the poultry supply until even the chicken thieves—who, by the way, are the lowest grade of thieves we have—would not look at them. So we have to do something to make the old hen forget about wanting to increase the supply and on this farm it is done by having a small house where they can be shut up until they have forgotten their desire to raise a family. A hen that wants to set is taken to this house and shut up for from three to four days. Then when she is turned out in four cases out of five she does not go back to her nest. Once in a while there is a hen so stubborn that she has to be shut up three and even four times before she quits. Such hens are usually poor layers and it is a good plan to get rid of them.

It isn't just the right thing to do to club hens that want to set, to pull out their tail feathers, to set the dog on them or to duck them in the tank. It takes many such lessons to break up the average stubborn-minded hen and in the muss they are likely to be hurt. The best way is to shut them up. We think they will go back to laying quicker if they are broken up in this way instead of by main strength. As we said before, the persistent, stubborn

setters are likely to be poor layers and the best thing to do is to sell them. We think many do this way for we have noticed that nearly all the hens that were sold in town the other day were clucking. One woman brought in four in a sack and the merchant who bought them said, "There's a bunch of setters, I'll bet," and sure enough they came out of the sack clucking. There is considerable satisfaction in selling an old hen that just won't quit setting and there is no harm done, either, for by the time they reach their destination they have forgotten all about wanting to set. But we do not think chickens should be brought to town in sacks in warm weather. We know it is handy to bring them that way when you want to drive in in the top buggy but it doesn't take more than five minutes to make a small crate which can be fastened behind and then you have the satisfaction of knowing that the chickens are taking their last ride in comfort. It is cruel to put chickens in a sack this weather and cruelty never pays, even in dollars and cents.

May Be Good Money in Beans

With hand-picked beans bringing \$2.60 and higher per bushel, the prospect of \$3 beans is exceedingly favorable—pretty fair profit from land that's only good enough to "grow white beans." It might pay to look into the bean proposition a little—even way "out here" in Kansas. The domestic crop of beans—in excess of 7 million bushels annually—has been proved entirely insufficient for home consumption. Large quantities are imported every year. Authorities tell us that any soil that will grow wheat and corn is adapted to the profitable production of beans. The bean experts recommend deep plowing—not less than 6 inches—to prepare the soil for beans. As to planting time, it is a wise rule to wait till the soil is thoroughly warmed, cold ground is death to the success of a good bean. The planting time recommended by the most successful bean growers of New York and Michigan is between June 5 and June 20. The time, of course, depends entirely upon geographical location and the condition of the ground.

Big Demand For Cowpea Seed

It may interest Mail and Breeze readers to learn how widespread is the interest this season in cowpeas—boom—I believe we called it a few weeks ago. We have a letter from D. J. Yoder of Haven, Kan., who has been running a 2-line ad in the "Farmers" classified page" of Farmers Mail and Breeze, advertising cowpeas. He writes that the first four insertions of this ad, just 8 lines in all, sold nearly \$1,000 worth of seed for him.

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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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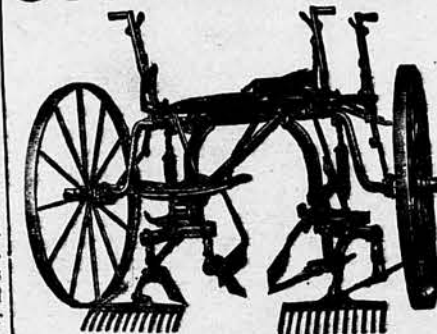
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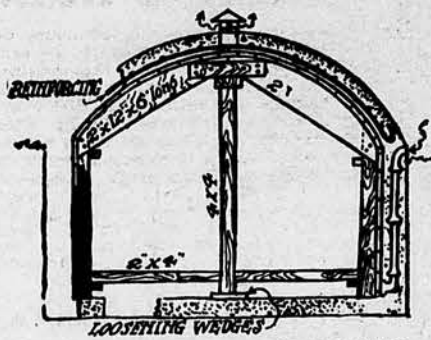
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Building a Cave With Concrete

HOW TO DO THE JOB.

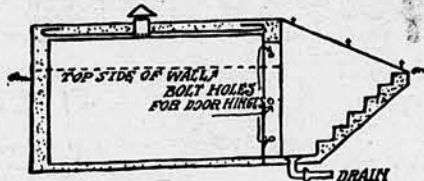
There are few farm homes where a good cave or outdoor cellar would not pay for itself. The cave may be no better than the house cellar as a place to store vegetables and other perishable products, but it has the added advantage of being a safer place of refuge in time



SHOWING ARCHES AND BRACING.

of storms. The concrete cave with concrete roof has done away with the faults of the old farm cave with its leaky roof and rotting walls.

A popular size for the average farm is a cave 10 by 14 feet, inside measurements, with a self supporting arched roof 5 feet above the floor at the sides and 7 feet 8 inches high in the center. The side walls are 8 inches thick. To start with, an excavation is made about 5 feet deep, 11 feet 4 inches wide, and 15 feet 4 inches long. At one end the earth is cut out to a width of 4 feet 4



A CROSS SECTION VIEW.

Entrance is in middle of cave, the long way.

inches and sloped upward for a stairway of 7 concrete steps, each step having a rise of 8 inches and tread of 10 inches. Concrete should be laid 4 inches thick below the steps proper. At the bottom an 18-inch landing is provided.

Making the Forms.

Make the forms for walls of 1-inch stuff and since the floor is to be 4 inches thick the forms should be set up 4 inches. For the door at the entrance set between the forms a frame 3 by 7 feet in the clear made of 2 by 8-inch plank. Mix 1 part cement with 4 parts bank run gravel, or 1 part cement to 2 parts sand and 4 parts crushed rock. Lay the floor without joint and then fill in walls with mushy wet concrete, an 8-inch layer at a time. It is a good plan to put one or more air shafts of 3-inch tile in the walls, for ventilating purposes. Have the inside openings of these shafts at floor level and the outside openings well above ground level.

The Reinforcing.

For reinforcing place two $\frac{3}{8}$ -inch steel rods the full length of the cellar 6 inches from the top of side walls and 1 inch from the outside. In the concrete 2 inches above the door frame, lay three 4-foot lengths of $\frac{3}{8}$ -inch rods. Roughen the top of walls to insure a good bond with the roof. The side walls of the cellar hatchway extend above the doorway so that sloping doors may be used outside.

How Cave Is Roofed.

When the side walls are a week old begin on the roof. To cut out the arches tie a pencil at the end of a cord and exactly 5 feet 11 inches from the pencil tie the string to a nail driven in the floor. Mark out a half circle and across this lay a 10-foot measuring strip so the ends will just touch the circle on either side. Place boards over this mark on the floor and nail them together, then reproduce the curve on the boards and cut out the boards to the mark. About six arches will be needed. Brace the arches securely and then lay on sheeting.

Reinforcing for Roof.

For reinforcing the roof lay $\frac{3}{8}$ -inch rods both ways. Have all the rods cut 14 feet long and space them 6 inches apart crosswise and 12 inches the long way of the cellar. Wire all crosses together, then work 1 inch of concrete under the reinforcing. Tamp the concrete

until the liquid cement flushes to the top, then finish the surface smooth with a wooden float and steel trowel. Do not stop for anything until the roof is finished. Make the roof 5 inches thick and set a tile chimney in the top with a hood over it, to remove foul air.

Materials That Are Needed.

The following is a bill of materials required for such a cave, but the prices may vary considerably in different localities:

Crushed rock, 13 cu. yds. at \$1.10.....	\$14.30
Sand, $\frac{3}{4}$ cu. yds. at \$1.00.....	6.50
Portland cement, 22 bbls. at \$2.50.....	55.00
Rods, 40 pieces, $\frac{3}{8}$ -inch by 14 feet, 206 lbs. at \$0.024.....	4.65
Total	\$80.45

Tongue Trucks For the Binder

BY J. B. MILLER.

[Written for Farmers Mail and Breeze.]

While still living in Kansas I bought binder tongue trucks and I wouldn't think of using either the grain or the corn binder without them. I have never heard of anyone else using trucks on a corn binder but they work well on it. The truck carries the entire weight of the tongue and holds up the front part of the frame which is on the ground as soon as the machine starts to mire. The weight of the machine tilting forward is taken by the trucks instead of pulling the frame down in the mud.

A binder with trucks can be run in a wet field where it would be impossible to cut without the trucks and then there is the other advantage of freeing the horses of the tongue weight. It also does away with all side draft and there is no jolting of the tongue when going over rough places. In turning, the machine is pulled around by the doubletree instead of the horse's necks and besides this a much better corner and shorter turn can be made with the trucks. The machine can be turned completely around while the bull wheel scarcely moves in its track.

A binder equipped with trucks requires only a stub tongue, long enough to keep the inside horse away from the gatherer in turning. By using a longer 4-horse hitch I can use four horses abreast which makes an ideal binder team. I have cut more with four horses this way than I ever could cut with five horses hitched the old way as there is always some time lost in turning the lead team. Another advantage is that in case of a stop in the middle of the field the team can be turned away from the grain without moving the machine.

Seneca, N. M.

Schooling Young Farmers

Farmers Mail and Breeze acknowledges an invitation to the commencement exercises of the Panhandle Agricultural Institute at Goodwell, Okla. Although young in years, this school is doing good work and will continue to, we believe, if the state does the right thing by it.

A BIG-VALUE BOOK OFFER TO MAIL AND BREEZE READERS.

"Kansas in the Sixties," by Ex-Governor Samuel J. Crawford.

The story of "Kansas in the Sixties" as told by Samuel J. Crawford, famous as the "War Governor of Kansas," is by far the most interesting historical work ever produced in Kansas. The book is having a large sale all over the country and it deserves a prominent place in the library of every Kansan. It contains something of vital interest to every citizen of the state. Governor Crawford writes in a style peculiarly his own and there is not an uninteresting paragraph in the whole 400 pages of this great Kansas book.

"Kansas in the Sixties" is substantially and handsomely bound in cloth, indexed, and sells for \$2.00 in all the book stores.

We have secured a quantity of these books for distribution among Mail and Breeze readers on this very liberal offer:

Farmers Mail and Breeze one whole year and "Kansas in the Sixties," sent prepaid for only \$2.00—regular price, \$3.00. Send in your subscription or renewal while this offer is still available. Address Mail and Breeze, Topeka, Kan.

Other people's mistakes aren't helping you if you make the same kind.



The Tree System—The Bell System

A NOBLE tree thrives because the leaves, twigs, branches, trunk and roots are all working together, each doing its part so that all may live.

Neither the roots nor the branches can live without the other, and if the trunk is girdled so that the sap cannot flow, the tree dies.

The existence of the tree depends not only on the activity of all the parts, but upon their being always connected together in the "tree system."

This is true also of that wonderful combination of wires, switchboards, telephones, employes and subscribers which helps make up what is called the Bell Telephone System.

It is more than the vast machinery of communication, covering the country from ocean to ocean. Every part is alive, and each gives additional usefulness to every other part.

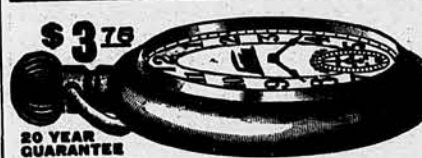
The value of telephone service depends not only on the number of telephones, but upon their being always connected together, as in the Bell System.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY AND ASSOCIATED COMPANIES

One Policy

One System

Universal Service



Eleven Jeweled

Genuine eleven jeweled Railroad watch, worth \$15 to anyone who requires an absolutely reliable timekeeper and a watch that will last a lifetime. Locomotive on dial, stamped and guaranteed eleven jewels, braket hairspring, patent regulation, quick train. Fitted in heavy or medium weight solid case—silver, stainless steel, or gold. Both case and works absolutely guaranteed for 20 years. To advertise our business, make new friends and introduce our great catalogue of Elgin watches we will send this elegant watch to any address by mail postpaid for ONLY \$3.75. Send this advertisement with \$2.75 and watch will be sent to you by return mail postpaid. Satisfaction guaranteed or money refunded. Send \$2.75 today. Address R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.

No More Scooping Corn or Grain! Biggest Loads Now Cribbed in 5 Minutes!

Men husk 20% more, when they don't have to scoop. They work for a quarter to a half-cent cheaper, when they don't have to scoop. Good huskers are easy to get and keep when there's no scooping to be done. Everybody hates the terrible work of scooping. Why not do away with it this year and forever! Investigate the famous Little Giant Portable Elevator that makes play out of unloading and cribbing corn and all small grains! Think of it! 60 to 100 bushel loads cribbed in 5 minutes or less! Your boy can do it—with the

Little Giant The Four Wheel Portable Elevator

Simply drive on jack, start horse or engine power! Little Giant is made of finest lumber and steel. Portable Derrick with four wide steel wheels. Tight bottom saves all loose corn. Triple geared, strong. Conveyors to suit every condition. Send your name! Catalog tells all about every Little Giant advantage by words and photographs. If you need a new crib or granary ask for Plan Book that saves you enough to pay for a Little Giant. Write us Now!

Portable Elevator Mfg. Co.
120 McClun Street
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Read!

R. F. Morgan, Wagner, S. D., Says: "My Little Giant" has done good work; have unloaded three loads of corn, over 90 bushels to the load in less than 15 minutes and wouldn't take \$500 for it if I couldn't get another. Have elevated over 10,000 bushels of corn and 400 bushels of wheat.

FARM Power

CONDUCTED FOR FARMERS MAIL AND BREEZE BY E. R. CHALK.

Questions answered about gasoline engines, automobiles, and engine troubles. Give full information about trouble symptoms, kind, type, and make of engines. An answer by mail if self-addressed stamped envelope is enclosed.

Will This Column Help You?

This is the second appearance of our new department of Farm Power. What do you think of it? Will it be of genuine service to the readers of Farmers Mail and Breeze? Its editor Mr. Chalk is ideally equipped for conducting such a department both by experience, technical skill and practical knowledge. He knows all about farm engines.

Writing from Agricola, Kan., A. F. Boswell says:

"Your column of Farm Power is good. Let us have it as often as possible. We must have it."

What do other readers of Farmers Mail and Breeze say? A postal card will do. Editor's Note.

This, That and the Other Thing.

Weak batteries cause a hard-starting engine and if your time is worth anything a battery tester will soon pay for itself.

Intermittent firing is a sign that you have a loose connection in your ignition system or that the wiring is broken in some place under the insulation.

The battery box may not be the brains of the gasoline engine and the ignition wires its nerves. But—a deranged ignition wire will cause nervous prostration for the man behind.

While the self cranking feature of the latest model automobiles is a very convenient feature, to be really popular with all the people it will be necessary to add an attachment that will make the auto self-supporting.

Air Valves as Fuel Savers.

Judging from the praise the motorists are giving the auxiliary air valve even the best carburetors on the market are none too good, as the users of the valve assert that it saves from 20 to 40 per cent of the fuel and the manufacturers declare that it will add from 3 to 5 horsepower to the engine. The air valves are of several different designs and range from a simple pet cock to a rather complicated device with a sliding valve perforated with small holes and equipped with a suitable control, operated from the dash, so that the mixture can be regulated. They are all screwed into the manifold between the carburetor and the cylinders and aim to make a better mixture by more thoroughly mixing the air and gasoline, in this way making it possible to use a leaner mixture.

One Man Who Made His Own.

One man made an air valve after his own idea and claims that it saves 40 per cent of the fuel. This man had a 40-horse power four cylinder car and used a 1/4-inch globe valve. The valve was attached to the manifold by a short nipple screwed into a tapped out hole in the manifold, the hand wheel was removed and an extension rod carrying the wheel was carried to the dash. Now he says he has the best device he ever saw and it only cost 50 cents.

The saving of fuel when estimated at 40 per cent may be too high but the introducing of air at right angles to the regular supply is sure to give a better mixture and consequently more power for a given amount of fuel. And if one can get a perfect mixture it will run the engine cooler and the cooler the engine the easier it is to lubricate the engine properly.

Peculiar Case of Misfiring.

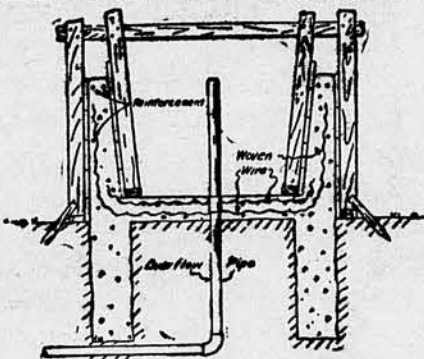
A peculiar case of misfiring came to my notice the other day. The patient was a big four cylinder automobile. While running idle the engine would run at any speed without a miss and the carburetor was so set that no matter how quickly the throttle was moved, either open or closed, the motor would

never miss. When taken on the road the engine would run perfectly on low or intermediate, but when the high speed was engaged the motor would begin to misfire and would continue to do so as long as we were running on the high speed. The wiring was examined, the magneto was tested and the spark plug removed and when tested in the open air we got a good spark. Finally we changed plugs with one of the cylinders that was working and found that the trouble was all in the plug and although we examined the defective plug we could see no defect and I am at a loss to account for its failure to work.

Build Your Stock Tank to Last

A WORKING PLAN.

Made right a concrete stock tank will last a hundred years and it won't leak and make a mudhole. The tank here described also provides against freezing and cracking in winter. A concrete stock tank, oblong in shape that will hold 30 barrels of water, is made in this manner: First mark out the ground plan 5 by 14 feet, clear away all trash inside these lines. Then dig a foundation trench 2 1/2 feet deep and 10 inches wide all around the inside of the boundary lines. Make the outside form 3 feet high all around which will allow for a 6-inch floor and



CROSS SECTION OF TANK.

The sloping wall 8 inches thick at the bottom and 5 inches thick at the top is a precaution against freezing, as the ice in forming will slide upward instead of pushing out.

leave the depth of the tank 2 1/2 feet. The inside form should be placed so as to have a wall 5 inches wide at the top and flaring at the bottom to 8 inches. This is a precaution against freezing since the ice will then slide upward in forming, instead of pushing outward.

Placing the Reinforcement.

The reinforcement is hog wire cut in strips long enough to cover the bottom crosswise and extend up in the side walls to within 6 inches of the top. Then a strip is cut 4 feet longer than the inside length of the tank to cover the bottom lengthwise and also extend up into the end walls to within 6 inches of the top. See that the inflow and overflow pipes are in place then mix the concrete in the proportion of 1 part cement, 2 parts sand and 4 parts crushed rock and fill the trench.

Before filling in the walls see the forms are level and true so the tank can be entirely filled with water. Place the cross strips of wire fencing so they will be imbedded in the floor 1 1/2 inches from the bottom while the long strip should be laid 1 1/4 inches above this. Finish off the floor like a sidewalk and then set up the inside form ready to fill in the walls. Half way up the side and 1 inch from the outside lay a 3/8-inch rod all the way around with ends hooked together. Two inches from the top and 1 inch from both inside and outside imbed two more 3/8-inch rods around the tank. The extra lengths of wire extending up into the walls should be fastened to these reinforcing rods.

If a Tank Cover Is Wanted.

Round off the upper edges of walls with a trowel and if a tank cover is wanted imbed some 1/2-inch bolts, head downward, for the fastenings. When the tank is 3 days old the inner form may be removed and in 10 days the tank may be put into use, but the outside form should be left up for a time longer. About 10 1/2 barrels of cement will be required which at \$2.50 per barrel would make the tank cost \$26.25, exclusive of labor and other materials.

GET A GOVERNMENT JOB.

All interested should write to Franklin Institute, Dept. B178, Rochester, N. Y., for free list of government positions open.



ONE of the first things a farmer wants to know about an automobile is—who makes it.

Farmers have learned by buying wagons and such things that a great deal depends on the manufacturer. Ask any farmer what kind of wagon the Mitchell wagon is, and he will say—"There isn't any better wagon than the Mitchell."

Same way about Mitchell automobiles, made by the same people, in the same honest way. Mitchell automobiles are built to give long and steady service without much expense—the ideal car for the man who can't afford to make a mistake.

Send for a catalogue of Mitchell automobiles and get full particulars; the more you learn about these cars, the more reason you'll see for buying a Mitchell in preference to any other car.

For 77 years our vehicles have given satisfaction; they'll continue to do so for another 77 years.

Buying a Mitchell means knowing what you are getting.

The new Six-cylinder—48 Horse Power—is a great country or city car; carries five comfortably; and gets there; \$1750.

The Six-cylinder—60 Horse Power—is a big 7 passenger car for the whole family; \$2250.

The four cylinder, five passenger Mitchell, 35 H. P., \$1350

The four cylinder, four passenger Mitchell, 30 H. P., \$1150

The four cylinder two passenger Mitchell Runabout, 30-H. P., without top, \$950

Mitchell-Lewis Motor Company

Racine, Wisconsin

Kansas City Branch, 16th and Grand Ave.

Omaha Distributor, 2050 Farnum St.

Adam Molz, Alfalfa Grower

A Shortgrass Landowner Who Grows Less Wheat

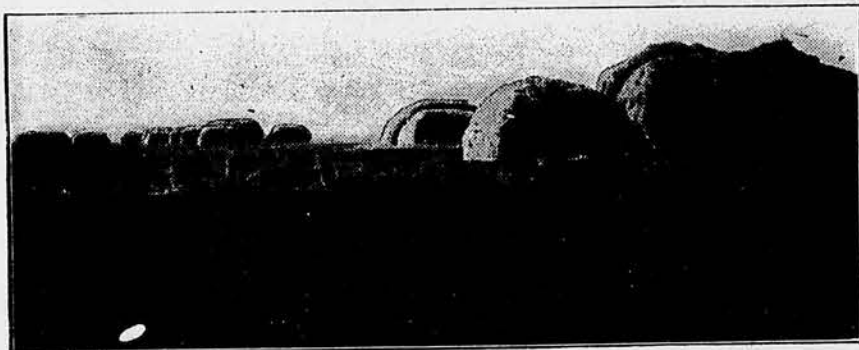
BY JOHN E. LANDER—FOR MAIL AND BREEZE.

It is refreshing to hear of a man in western Kansas who doesn't believe the western farmer's road to wealth is through a big wheatfield. A man who has given this notion a big jolt in Kearny county is Adam Molz. Less than 25 per cent of the acreage on his farm is given up to wheat and he makes that yield from 30 to 40 bushels per acre. There are 10 acres in an orchard! It may be objected that it is a bad thing to sell much alfalfa instead of feeding it. I am glad to observe there is a big barn on the place. Mr. Lander who has written this account of Mr. Molz's methods for Farmers Mail and Breeze is secretary of the Commercial club of Deerfield and knows Mr. Molz personally.—Editor's Note.

Ten years ago the half section on which Adam Molz now lives, a mile northwest of Deerfield, Kearny county, could have been bought for \$2,000. Mr. Molz moved onto this place a poor man.

it develop a strong root system. He cuts one crop of hay the first year and the second year the alfalfa is left for pasture.

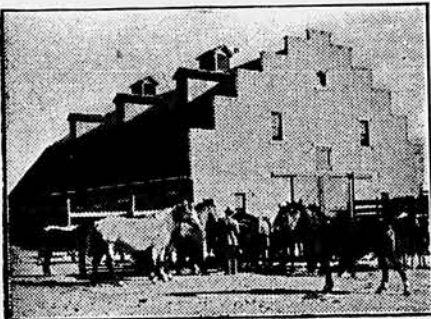
Wheat on the Molz farm will average about 30 bushels per acre in yield. In 1909 and 1910 the yield was close to 40 bushels, but in 1911 it dropped to 10 bushels. Mr. Molz plows and harrows his ground immediately after the wheat is cut. He has water rights in the Amazon canal, a farmers' ditch which diverts water from the Arkansas river 20 miles west of Deerfield. He usually irrigates his wheat ground late in summer and about September 1 sows 1 bushel of good Turkey wheat per acre. The wheat is not irrigated after being sown. With his good farming methods, Mr. Molz's wheat, milo and Kafir make good crops without irrigating. When it rains Mr. Molz does not kick on its being too wet, nor does he complain of its being



THE MONEY CROP—ALFALFA STACKS ON THE MOLZ FARM, WESTERN KANSAS.

about all he had was nerve and confidence in the future of the country. These, mingled with brains and an ability to work, have been the means by which he has made an exceptional success at farming. He now has about 240 acres in alfalfa, a fine orchard of 10 acres and the rest of the farm is in

too dry when it does not rain. He just keeps on sawing wood. His latest improvement is a new concrete block barn 54 by 154 feet in size. Alfalfa built the barn, the new home, and it also bought his auto. Adam Molz's success is a bitter pill for those who maintain that "no good thing can come from western Kansas."



BARN ON THE MOLZ FARM.
The Molz barn is built of concrete blocks and is 54 by 154 feet in size.

wheat. He adds from 10 to 30 acres of alfalfa each year and in a few years his whole farm will be growing this kind of crops.

Mr. Molz sells his alfalfa at from \$9 to \$15 per ton and this crop brings him in from \$6,000 to \$8,000 each year. In getting his alfalfa started Mr. Molz does something not usually advised by experts, he uses a nurse crop, either oats or barley. Having thoroughly prepared his seedbed he drills in 1½ bushels of oats or 1 bushel of barley per acre, in the spring, then cross drills his alfalfa, 20 pounds of seed per acre. The barley or oats are harvested and the stubble cut close and raked off the ground. Later the alfalfa is topped back to make

Knox on Farming in Kansas

When Philander C. Knox, secretary of state and smart lawyer, passed through Kansas the other day on his way from San Francisco to Washington, he told a Topeka Capital Reporter that Kansas looked like the Garden of the Lord, probably meaning Eden. Then he went on to say this was his first trip across the state since 1901 and that he noticed a great improvement in Kansas farming and Kansas farms. The fences and the buildings looked better. And when Mr. Knox is at home he lives in Philadelphia, the metropolis of Pennsylvania, one of the best farmed states in the Union.

Plenty of Prison Twine

Twine from the Kansas state prison plant will sell at 7½ cents a pound this year when sold to farmers direct. Retail dealers, buying in quantities, may have it at a cent a pound less. This will be a cent less per pound than the rates at which outside factories furnish twine to dealers. A large amount of twine was left over at the prison last year and the plant has been running full time ever since. There is now on hand about 4 million pounds, or about one-fifth the amount of twine used in the state during a normal harvest.



THE NEW MOLZ HOME THAT ALFALFA BUILT IN KEARNY COUNTY.



The Old Oaken Bucket

Filled to the brim with cold, clear purity—no such water nowadays.

Bring back the old days with a glass or bottle of

Coca-Cola

It makes one think of everything that's pure and wholesome and delightful. Bright, sparkling, teeming with palate joy—it's your soda fountain old oaken bucket.

Free Our new booklet, telling of Coca-Cola vindication at Chattanooga, for the asking.

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Whenever you see an Arrow think of Coca-Cola.



GREEN BACKS in STRAW STACKS

The wastage of grain by the average Threshing Machine is far more than many suppose. The Operator usually knows it, but he can't help it with that kind of Machine, so he covers it up all he can and lets it go at that. The Farmer suspects it, but thinks he has to put up with it, and much of his hard-earned money goes over into the straw stack.

This great wastage is the result of employing an incompetent type of Threshing Machine that rushes the straw to the stack, but does not beat the grain out of it.

It is up to you Farmers to say what Machine will thresh your grain this season. You have worked hard to grow the grain and you pay the bill for threshing it. You can't afford to divide your profits with the straw pile, for every bushel that goes into the stack is money right out of your pocket.

You Can Save Your Thresh Bill by Hiring a Red River Special to Do Your Threshing

It will save the grain for you; it will waste less of your time; it will do your job quicker; it will clean your grain better; it will pay you all around. It is the only Threshing Machine made that uses the true and sure method of separation by beating the grain out of the straw just as you would do with a pitchfork.

The Big Cylinder, the Man Behind the Gun, and the Shakers that toss the straw up and beat it as you would do with a pitchfork save the grain that others waste, whether it be wheat, oats, rye, barley, flax, peas, rice, alfalfa, timothy or other grains or seeds.

THE RED RIVER SPECIAL WORKS ON AN ENTIRELY DIFFERENT PRINCIPLE OF SEPARATION from any other make. It beats it out while other makes hurry the straw to the stack and expect the grain to fall out, which it does not do.

Have your threshing done this year with a Red River Special. IT WILL SAVE YOUR THRESH BILL.

Write us or call on our Branch House or Dealer for the proof.

NICHOLS & SHEPARD CO., Battle Creek, Mich.

The only builders of the Red River Special Thresher, Self-Feeders, Wind Stackers, Weighers, and N. & S. Co. Traction Steam Engines, Oil-Gas Tractors and Everything for the Thresherman.



It Pays to Clear Land

WITH



Red Cross Dynamite

The upper view shows how groups of big stumps are blasted out clean at one time, with all dirt off the roots and stumps shattered into kindling wood. At the same time the subsoil is thoroughly broken up, creating a fine home for the new crop. Lower view shows a celery crop worth \$800 per acre ten months after stumps were blasted out.

Booklet Free

To learn how progressive farmers are using dynamite for removing stumps and boulders, planting and cultivating fruit trees, regenerating barren soil, ditching, draining, excavating, and road-making, write now for Free Booklet—"Farming with Dynamite, No. 98."

DU PONT POWDER CO.
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WILMINGTON, DEL.



DON'T CUT OUT A VARICOSE VEIN

USE ABSORBINE JR. FOR IT

A mild, safe, antiseptic, disinfectant, resolvent, liniment, and a proven remedy for this and similar troubles. Mr. R. C. Kellogg, Becket, Mass., before using this remedy, suffered intensely with painful and inflamed veins; they were swollen, knotted and hard. He writes: "After using one and one-half bottles of ABSORBINE JR., the veins were reduced, inflammation and pain gone, and I have had no recurrence of the trouble during the past six years." Also removes Gout, Painful Swellings, Wens, Cysts, Callouses, Bruises, "Black and Blue" discolorations, etc., in a pleasant manner. Price \$1.00 and \$2.00 a bottle, druggists or delivered. Book & G. Free. Write for it. W. F. YOUNG, P. D. F., 208 Temple St., Springfield, Mass.

Shingles last longer

Improve appearance of your roofs, and shingles last three times as long painted with **AVENARIUS CARBOLINEUM** (Registered)
Preservative for all woodwork to prevent decay—roofs, barns, silos, windmills, etc. Applied to chicken houses, it keeps away chicken lice. Easy to apply. Freight prepaid. Circular free. Beware of imitations. Carbolineum Wood Preserving Co., Dept. 117, Milwaukee, Wis.

What Farmers Are Thinking

You are cordially invited to air your opinions in this column, but the Mail and Breeze reserves the right to condense such statements as far as possible to give other contributors a chance to say something. Short, crisp expressions of opinion on matters of interest or consequence to farm folks are welcome. All contributors must take their turn.

A Democrat, But for Capper.

Mr. Editor—I am a Democrat but think I shall vote for Mr. Capper for governor as I like the plain, business-like way in which he tells where he stands. I think that what he advocates is just what Kansas needs badly.
Chetopa, Kan. G. H. Harlow.

Why Not One Grand Big Trust?

Mr. Editor—We read a good deal about trusts and how the large corporations can manufacture products cheaper than the small ones. Why could it not be wise for us to form a trust more gigantic than any in existence and manufacture all our own necessities at a smaller cost, and thus cut out all the profit that is making millionaires?
Mingo, Kan. R. D. Misner.

A Square Deal for Mothers.

Mr. Editor—Most men take a sort of pride in being able to leave something for their children. Why should not a mother have the same privilege? There should be equal rights in the matrimonial partnership. If the husband dies first the property must be divided, and in justice I think if the wife dies first, the property should be divided also. If right one way it is certainly right the other way. Then after their joint property has been divided and the children have their rightful inheritance from either parent it will be perfectly right for the surviving parent to share his or her half of the property with another companion. I have not a word to say against stepmothers but the second wife should also be willing to take a man for "better or for worse" with half the property accumulated by years of labor and economy of himself and the first wife. I think all wives, whether first, second, or third, should have half the accumulated property at the death of the husband. I have said nothing about the ballot but am only asking the lawmakers for justice and a square deal for women.
Haviland, Kan. A J s Mother.

Would Like to Vote for Capper.

Mr. Editor—The first thing a voter should take into consideration is the standing, the qualifications, the honesty of the candidate who is up for office. Is he on the square? Will he sell out? Will he work for the welfare of the people? In Kansas you have a man who if elected governor of Kansas would go before the people clothed in the right. Every citizen of Kansas should know him well by the position he has taken for years. He is working for the farmer, for the laboring man. If we had more Arthur Cappers in office the trusts would be crushed. The voters of Kansas should cast party aside and line up for Arthur Capper, a man who if elected will show no favors to either party but who will be true and loyal to both. If elected he will not go into office to see how much money he can

make or for the honor there is in it, but for the good he can do the people of Kansas. The writer lives across the line and holds no right of suffrage in Kansas, but he would like to put in one vote for Capper.
E. L. Hadley.
Trumbull, Neb.

The Game Law is Telling.

Mr. Editor—I believe the benefits of the new Kansas game law in protecting the birds can already be observed. Last year birds of bright plumage and song birds were noticed in larger numbers than before but this year they are far more numerous. While sitting on the bank of the river I noticed at one time three bluejays, one orange and black oriole, two red birds, a bluebird, and two tiny bright yellow birds with gray wing tips. The red birds are especially numerous and unafraid. We observed five at one time this spring. During the cold weather last winter we fed them and to see them gather the crumbs off the snow cheered the heart like flowers at Christmas time.
Mrs. Frank Calvert.

Elmdale, Kan.

Let the Government Lend Money.

Mr. Editor—I cannot see why the government could not issue money and lend it direct to the people. I have studied this question for 20 years. In a message to congress Grover Cleveland said it cost the government $\frac{1}{4}$ to 1 per cent interest to create the national currency and lend it to the banks. Now it looks as though $1\frac{1}{2}$ to 2 per cent would cover the cost of lending money to the people and why should we pay more than the cost to get the money? Also I should like to ask why our financial system should be based on gold? Would not every dollar's worth of property in the nation be at the back of the issue of money and would it not be secured the same as our bonds are now? Sometimes we read of getting our bonds or the national debt paid off. If we should, what would become of our national banks that are based on the indebtedness of the nation?
Mingo, Kan. R. D. Misner.

Any High School Better Than None.

Mr. Editor—In a recent issue of Farmers Mail and Breeze I noticed a letter from a reader at Ozawie, Kan., relative to our school system. He aims particularly at our Barnes high schools. I would like to ask if he belongs to the class that believes things as they have been are good enough for the present as well as future. Why not make some progress and better our conditions? Our friend seems to advocate the idea of allowing the cities to have all the high schools to themselves. Is this fair treatment for the boys and girls in the country?

Our friend also asks about the high school qualifications for teachers. I can draw from my own experience here. I have found that in the study of the higher branches of learning the lower ones are far more easily mastered and clearly understood. Take it in arithmetic for instance; the study of algebra makes different processes much easier to grasp. Also the study of some foreign language will enable the teacher to better instruct others in language and words.
Merritt E. Ross.

Thayer, Kan.

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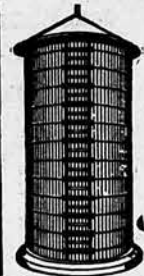
first instead of "working up to it." Get our free Art Book on Separating Cream and Handling Milk. Shows best methods, gives results of extensive experiments and information found nowhere else.

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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.

Foamy butter is a sign that the cream was too sour.

Soaking the churn in brine occasionally will help keep it sweet.

It takes just a little bad cream to spoil the whole batch for butter.

Anoint a caked udder with soft soap and rub gently but thoroughly.—F. H. Gripman.

If the cows or calves get lousy try an application of strong brine thickened with soft soap.

Summer or winter, a good dairy thermometer pays its way wherever dairy cows are kept.

To double the amount of milk per acre and cut the cost of milk production in two—build a silo.

The man with five cows and a separator is better off than his neighbor with eight cows and no machine.

A good heifer calf or yearling is pretty safe buying at any reasonable price whenever the chance offers.

A humane as well as effective way of dealing with a kicking cow is to fasten a strap about her body just in front of the udder.

Wash and dry the cow's udder before milking and keep 95 per cent of the dirt out of the milk that usually gets in otherwise.

Making Butter "Stand Up."

[Prize Letter.]

Mr. Editor—To have solid butter in summer without ice I take a large vessel and fill it half full of cold water, then stand a small jar in the large vessel so the water will almost reach the top. Put the butter in the small jar and cover with a wet cloth. Then lay a towel over it, letting the ends and sides rest in the water. Do this about 2 hours before wanting the butter for the table and it will be nice and firm by that time.

Mrs. Anna Gibson.

Kensington, Kan.

The State Will Aid Dairymen.

A good many problems and perplexities come up in the experience of dairymen from time to time and at such times it would be a great help to know to whom to turn for reliable information in short order. There are a number of state departments whose duty it is to help any citizen of Kansas with information or advice, without charge. D. S. Burch, the state dairy commissioner, has prepared a list of these departments whose duty it is to render service to dairymen especially and urges that no one hesitate to call on them when in need. The list follows:

Care of Milk in the Home—Domestic science department, Kansas Agricultural college, Manhattan.

Epidemics of Sickness from Milk—State Board of Health, Topeka.

Diseases of Cows and Tuberculin Testing—State livestock commissioner, Topeka, and state veterinarian, Manhattan.

Manufacture and Testing of Dairy Products—College creamery, Manhattan.

Silos, Dairy Building and Personal Advice—Extension department, Kansas Agricultural college, Manhattan.

Feeding and Care of Dairy Cows—Kansas Agricultural college, Manhattan.

General Information, Exhibits, Fairs and Statistics—State board of Agriculture, Topeka.

Experiments in Dairying—Director, Kansas Experiment station, Manhattan.

Enforcement of Dairy Laws and Other Information Not Listed—State dairy commissioner, Manhattan.

The dairy commissioner's office will also assist Kansas towns and cities in improving their milk supplies and establishing means for securing clean and better grades of milk.

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Cheapest As Well As Best

Every sensible person wants the best of everything, but in many things the best is beyond their means and they must necessarily be content with something less.

In the case of the Cream Separator, however, the best is fortunately the cheapest as well, and it is of the greatest importance that every buyer of a separator should know this.



Moreover, the best is of more importance in the case of the Cream Separator than in anything else, since it means a saving or a waste twice a day every day in the year for many years.

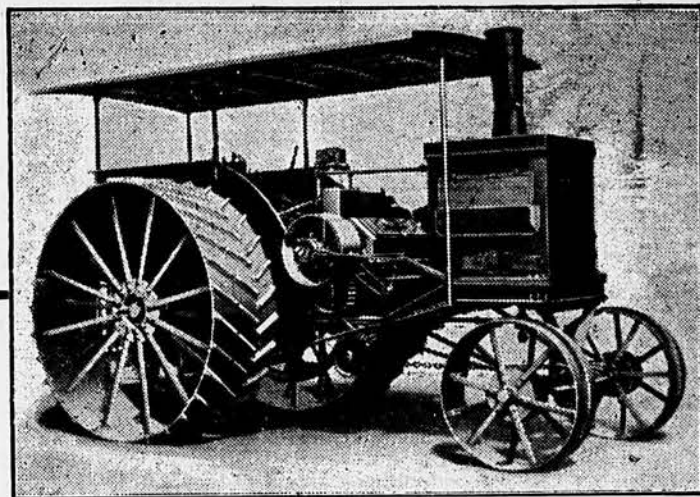
It is true that DE LAVAL Separators cost a little more in first price than some inferior separators, but that counts for nothing against the fact that they save their cost every year over any other separator, while they last an average twenty years as compared with an average two years in the case of other separators.

And if first cost is a serious consideration a DE LAVAL machine may be bought on such liberal terms that it will actually save and pay for itself.

These are all-important facts which every buyer of a Cream Separator should understand and which every local DE LAVAL agent is glad to explain and demonstrate to the satisfaction of the intending buyer.

If you don't know the nearest DE LAVAL agent please simply address the nearest of our main offices as below.

THE DE LAVAL SEPARATOR CO.
NEW YORK CHICAGO SAN FRANCISCO SEATTLE



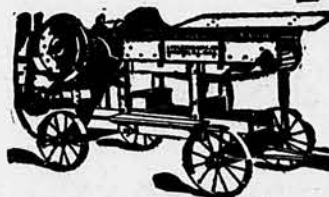
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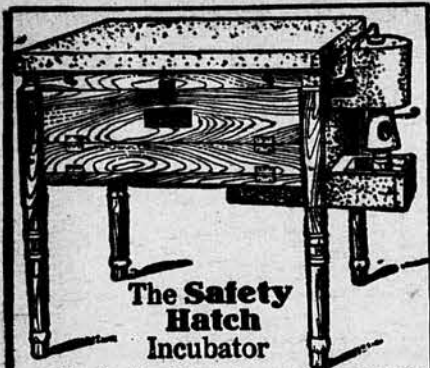
Many things enter into the cost of filling your silo, but the most important one is your Silo Filler. A poor machine means a high cost, and an

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means the lowest cost. The positive feed table, the large throat, big feed rolls, the four spiral tool steel knives and the powerful blower mean great capacity. The solid oak frame means strength. The single lever control, the handy side table, the flexible top distributor mean convenience. In fact, the whole machine means satisfaction, while our guarantee

that our Silo Filler will, under equal conditions, do more and better work with less power and will last longer, means absolute safety for you. More Silos will be built and more ensilage fed this year than ever before. We have already sold more Silo Fillers this year than we did in all of 1911. To insure prompt delivery you should arrange for a machine at once. Write to-day for free illustrated booklet.

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The Safety Hatch Incubator

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Strongest, Most Durable, Most Economical and Simplest Hay Press made—best work—greatest capacity—saves time, labor, trouble—exclusive features not in others. Fully guaranteed. Hand, Horse, Belt and Gasoline Engine Presses—also largest line of Ballers—write for free catalog. Whitman Agricultural Co., 6949 S. Broadway, St. Louis

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CROPS AND LIVE STOCK

POSTAL CARD REPORTS.

By Correspondents of Farmers Mail and Breeze.

Here are some of the latest expressions on continuing or discontinuing our rule of quoting local prices each week at the end of each crop report:

Please do not cut out the local quotations. **JOHN ZURBUCHEN,** Spearville, Kan. I always like to compare the prices. **J. H. WILSON,** Salina, Kan. I vote to cut out the local quotations during summer. **SAM TEAFORD,** Norton, Kan.

Do you always read this part of the crop reports? Are you interesting in noting the difference in values between one or more localities near you? In other words, shall we continue to print these quotations? I shall appreciate your opinion, either "for" or "against," on a postal card.—Editor's Note.

The dry, windy weather of the last two weeks was not the best thing for some crops but it was just what the alfalfa farmer wanted and as a bird in the hand is worth two in the bush the man with hay to put up was well satisfied with it. Rains have visited portions of Mail and Breeze territory within the last week but a good general rain would now come in good season. The hard, surface crust of early spring has reappeared in newly planted fields due to the warm winds following heavy rains and this is making it hard for germinating seeds to break through. This is proving partly responsible for poor stands of corn in some sections.

Wheat has suffered a little from the weather of the last two or three weeks where rainfall was short through the month of May, but this does not cover a very large territory. The north central portion of Kansas seems to have been hurt the worst in this respect. Southern Kansas and Oklahoma are getting ready for one of the biggest wheat harvests that part of the country has ever known. The weather has had a tendency to hurry the crop along and a report from Reno county, Kansas, says harvesting will begin as early as June 20 out there.

KANSAS.

Russell County—Early plantings of corn are up. Wheat is looking fine, but oats are a little backward. Rye is heading out.—**Mrs. Fred Clausen.**

Crawford County—A good stand of corn reported generally. Wheat and oats coming on nicely but show light stands. Alfalfa and other hay look well. Pastures are good and stock is in good condition.—**H. F. Painter.**

Smith County—Wheat needing rain but still looks well and promises a good crop. Some poor stands of corn reported. Alfalfa harvesting will begin about May 28 and crop will be fairly good.—**A. J. Hammond.**

Trego County—Farmers are busy planting feed crops and cultivating corn. Corn does not show a good stand. Wheat needs rain. Oats not growing very fast. Pastures are fine. Nice lot of spring colts.—**E. L. Dean.**

Franklin County—Considerable corn had to be replanted on account of cool weather and cut worms. First cutting of alfalfa about all up and the price of hay is down \$6. Plenty of rain and we are having good growing weather for wheat.—**H. O. Cain.**

Labette County—Had been very dry here but had a fine rain May 24, which is making pastures fine. Farmers are just finishing corn planting. Oats look fine and wheat is beginning to head. Late sown wheat is thin.—**Wilbert Hart.**

Books County—Wheat has been making a rank growth but shows need of rain now. Rooks has as fine a prospect for wheat as any county in the state. Corn shows an average stand. Pastures are good and stock is picking up.—**C. O. Thomas.**

Kiowa County—Much corn is being replanted due to cut worms and the hard crust forming after the heavy rains. Had a fine shower May 25. Wheat promises a fair crop. Good fruit prospects. Cream 24 to 30 cents, butter 22, eggs 15.—**H. E. Stewart.**

Clay County—Wheat and oats look sick due to strong winds and warm weather since May 18. Corn coming up poorly on account of a hard crust which has formed and also to poor seed. Alfalfa harvest is on in the south part of county.—**H. H. Wright.**

Dodge City Station—Good growing weather and wheat is doing well. Stand is somewhat thin but color is good. Pastures are good and alfalfa cutting began this week. Several silos will be built near here this summer.—**G. D. Noel, Supt.**

Greeley County—No rain here since May 6 and need it to keep things growing. Grass is better than it ever was in 1911. All stock doing fine. Farmers are busy putting out milo, Kafir, cane and broom-corn. Eggs 12½ cents, butter fat 24.—**E. L. Partington.**

Gray County—Wheat is about ready to head. Some fields look well and promise a good crop, while others look thin. Need rain badly, as we have had none to speak of since April 30. Feed crops about all planted in good shape. Oats and barley are late and small but show a good stand

generally. Considerable sod breaking being done. Stock gaining rapidly. Oats 70 cents, corn 70, eggs 15, butter fat 24.—**A. E. Alexander.**

Washington County—First corn planting about finished but a good deal of replanting is necessary on account of cool and wet weather following first planting. We need a good rain now. Pastures are good and cows give lots of milk.—**Mrs. Birdsey.**

Norton County—Dry, windy weather has damaged wheat considerably. Corn is growing nicely. Large acreages of Kafir, cane and millet put out. Milo is not very well liked here. Pastures good and stock doing well. Fruit trees of all kinds are loaded.—**Sam Teaford.**

Mitchell County—Weather dry and warm and crops need rain. Cut worms are doing damage in corn and also alfalfa. About half the alfalfa acreage is not yielding very well. Ground is too dry to plow for feed. Good prospects for all fruit.—**J. H. DePoy.**

Montgomery County—Some corn has been cultivated the second time and some is not planted yet. Oats growing fast but are late. First crop of alfalfa put up. Wheat has gained about 20 points in the last two months and is heading. Had a ¼-inch rain May 24.—**J. W. Elkenberry.**

Scott County—Wheat is promising where we have had sufficient rain. Barley good but oats are backward. Corn that is up shows a good stand. Cane, Kafir and milo being planted. Grass is fine and stock doing well. First alfalfa harvest is on.—**J. M. Helfrick.**

Shawnee County—Wheat and oats look fine and promise good crops. Corn coming up but shows a poor stand. Alfalfa harvest has begun. Have had plenty of moisture lately. All stock looking well. Hogs \$7.50, corn 75 cents, wheat 95, eggs 15, butter fat 28.—**J. P. Ross.**

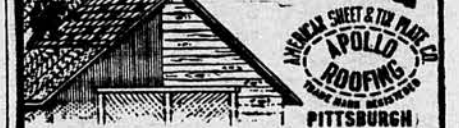
Johnson County—Had a fine 1-inch rain May 25 and wheat is booming. Some corn is up and looks well but most farmers had to replant from a fourth to all plantings. Some not through with their second planting yet. A few reports of damage from flies and chinch bugs in wheat.—**L. E. Douglas.**

Elk County—Some poor stands of corn caused by ground packing and baking but had one of the heaviest rains of the season May 25. Some corn still to plant. Alfalfa harvest began May 18. More Kafir being planted than usual. Grass growing fine. Strawberries are ripe.—**O. A. Kellough.**

Stanton County—Moisture is plentiful and grass is doing fine. Stock in good shape. Farmers are busy and quite a little improving being done. Some are getting ready to irrigate. Wheat that escaped winter killing is coming out fine. Eggs 10 cents, butter 20.—**G. S. Greger.**

Cloud County—Fine growing weather and crops are doing well. Corn was planted late and is coming up rather slowly. Oats are small and somewhat weedy. First crop of alfalfa being ready harvested. Wheat is jointing and a big, early harvest is looked for. A good many old pastures being broken (Continued on Page 17.)

Re-Roof your old Buildings



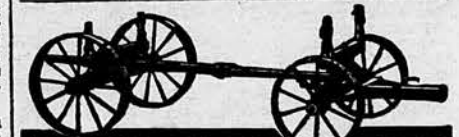
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A big garden of the always popular "Mums" may now be yours—and absolutely without cost! The beautiful Chrysanthemum collection described below is made up of First Prize Winners and is grown for us by one of the most famous firms of florists in America.

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:

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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.

National Egg-Laying Contest

CLOSE OF THE FIRST HALF.

A pen of five Barred Plymouth Rocks belonging to O. E. Henning, Mead, Neb., made the best record for April in the national egg-laying contest at Mountain Grove, Mo. This pen laid 137 eggs during the month and were closely followed by a pen of R. I. Reds entered by D. E. Hall of California, Mo., which laid 133 eggs. Another pen of Barred Rocks from the Brooks Sanitary Hennyery at Morgan Park, Ill., came out third best with 126 eggs.

April 30 marked the close of the first half of the contest which began November 1, 1911. In the highest average production per hen the Black Orpingtons lead with an average of 83 eggs for each hen of this breed in the contest. The following table shows the average individual records of the nine leading breeds or varieties:

Breed	Av. No. of eggs
Black Orpingtons	83
S. C. Reds	80
Buff Orpingtons	80
White Orpingtons	80
Buckeyes	78
Black Langshans	76
R. C. Reds	75
R. C. Brown Leghorns	75
Silver Wyandottes	72

Sixty-five individual hens have laid more than 100 eggs each since the contest began. The best record so far has been made by a R. C. R. I. Red hen which has laid a total of 137 eggs during the six months. Following is the record of the best dozen hens:

Breed	Number of eggs laid
S. C. Red	137
Silver Wyandotte	134
R. C. White Leghorn	134
White Orpington	132
White Orpington	132
Silver Wyandotte	129
R. C. Red	127
Silver Wyandotte	127
Buff Orpington	126
Barred Plymouth Rock	122
White Wyandotte	121
R. C. Red	121

Taking all varieties of breeds together puts the Orpingtons in the lead for the first half of the contest with R. I. Reds second and Leghorns third. Here are the figures:

Breed	Number of eggs laid
Orpingtons	493
R. I. Reds	394
Leghorns	321
Wyandottes	308
Cornish	307
Anconas	304
Langshans	299
Plymouth Rocks	277
Minorcas	262
Ducks	260
Brahmas	213
Hamburgs	185

Controlling Poultry Pests

BY GEORGE M. TURPIN,
Utah Experiment Station.

Mr. Editor—It is a good plan to have the poultry houses distinctly separated from all other farm buildings. Have all the interior fixtures of the poultry houses, such as roost poles, nest boxes, feed hoppers, etc., removable so that every part of the interior can be readily cleaned and sprayed.

Keep a good dust bath to which the fowls may have access at all times of the day. Common road dust with fine ashes and powdered sulphur or air slaked lime added is excellent. The road dust should be gathered during dry weather for use during the winter.

Good Spray Mixtures.

Spray the coops and fixtures with a good whitewash twice each year, adding 2 pounds of salt and 1/4 gallon of crude carbolic acid to every 50 gallons of the spraying mixture.

Spray the coops at more frequent intervals if necessary with kerosene, or a mixture of equal parts of kerosene and lice killer, or with 2 per cent solution of crude carbolic acid, or some similar coal tar product. This should be done during the early part of the day so that the spraying mixture will have largely evaporated before the fowls go to roost.

Use Care in Dipping Fowls.

In extreme cases fowls may be dipped in a 1 per cent solution of crude carbolic acid. Extreme care is necessary to prevent their taking cold, keeping them in a warm place free from draughts until they are thoroughly dry when this is done.

Setting hens should have access to a good dust bath such as previously mentioned. If lice are found later on the chicks, rub lard in the feathers of the head and throat and, in bad cases, also under the wings.

Reliable Poultry Breeders

WYANDOTTES.

WHITE WYANDOTTES. Eggs, 15 \$1.00, 100 \$4.00. A. W. Hargreaves, Abilene, Kan.

SILVER LACED WYANDOTTE eggs, 15 \$1.00, 100 \$5.00. Mrs. Janie Hunt, Lebo, Kan.

WHITE WYANDOTTE eggs, 15 \$1.00, 50 \$3.00, 100 \$5.00. Mrs. Geo. Downie, Lyndon, Kan., Rt. No. 2.

WHITE WYANDOTTE baby chicks 12c each. Incubator eggs, 100 \$4.00. Mrs. M. E. Johnson, Humboldt, Kan., R. 2.

PRIZE WINNING WHITE WYANDOTTE Eggs—Pens \$1.50 and \$2.00 per 15. Range \$4.00 per 100.—Mrs. M. F. Austin, Miltonvale, Kan.

KANSAS STATE SHOW, trap nest, White Wyandottes. Eggs \$2 and \$1.50. Quality and satisfaction guaranteed. Mrs. L. J. Fulk, Winfield, Kan.

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.

PARTRIDGE WYANDOTTES with a national reputation. A dandy flock in a large orchard. 15 eggs \$1.50; 30 for \$2.50. Write for mailing list of my prize winners. Page, The Chicken Man, Salina, Kan.

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.

ORPINGTONS.

IRVINDALE FARM White Orpington eggs half price. Free circular. Route 7, Topeka.

S. C. BUFF ORPINGTON eggs, 15 \$1.00, 100 \$4.00. Mrs. O. R. Gale, Cherryvale, Kan., Rt. 1.

OSCAR ZSCHEILE, Burlington, Kan. White Orpingtons exclusively. Eggs and cockerels.

BABY CHICKS—Kellerstrass Orpingtons 25 cents. Mixed breed 6 cents. Fred Baillie, Fredonia, Kan.

KELLERSTRASS ORPINGTONS—Eggs \$1.50 per 15, \$2.50 for 30. Hens with chicks. Free catalogue. Phillips Farm, De Soto, Kan.

SINGLE COMB BLACK ORPINGTONS—Six firsts, one second; heavy weights; heavy layers. Catalog free. Rose Cottage Poultry Yards, Phillipsburg, Kan.

DUCKS.

INDIAN RUNNER eggs \$1.00 per thirteen, \$7.00 per hundred. Orders filled promptly. Pearl Wertzberger, Alma, Kan.

INDIAN RUNNER duck eggs. Pen One, fourteen \$1.50. Pen Two, fourteen \$1.00. Julia Little, Conway Springs, Kan.

BUFF ORPINGTON DUCK eggs \$3 per setting. Prize winners. Something new. Satisfaction guaranteed. Mand Wadsworth, Mound Valley, Kan.

TURKEYS.

WHITE HOLLAND turkey eggs, \$2.00 for 11. Mrs. Grace Dick, Harlan, Kan.

EGGS from prize winning mammoth White Holland turkeys \$2.50 per setting. S. H. Lenhart, Abilene, Kan.

FOR SALE—Bourbon Red turkeys. Trio \$11.00. Pair \$8.00. Eggs 25 cents each. Mrs. M. H. Arnold, Toronto, Kan.

BLACK SPANISH.

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

WHITE FACED BLACK SPANISH exclusively for 17 years. Best blood in America. Eggs balance of season \$1.00 per 15. Circular free. Extra well packed. \$5.00 per 100. Chestnut & Son, Centralia, Kan.

TOULOUSE GEES.

EGGS from prize winning mammoth Toulouse geese \$1.00 per setting. S. H. Lenhart, Abilene, Kan.

HOUDANS.

HOUDANS—World's greatest winter layers. Eggs and stock. Mrs. Leo Biglin, Alta Vista, Kan.

ANCONAS.

MOTTLED ANCONAS. Eggs \$1.50 to \$3.00 per setting. Baby chicks \$2.50 and up. W. Hardman, Frankfort, Kan.

To Kill a Hog's Appetite for Hens.

Mr. Editor—I see N. K. of Jewell, Kan., wants a cure for chicken eating sows. Three of my sows had this habit at one time and I bought some meat meal, fed the three a pint a day for three weeks and it cured them. They ate no more chickens. It is a good plan to feed a little meat meal to sows, say twice a week, just for the purpose of keeping them from forming this habit. James Bingham.

Jewell, Kan.

Best One Out of Five.

Mr. Editor—We take five farm papers and think Farmers Mail and Breeze is the best among them all. Spearville, Kan. Mrs. M. T. Keith.

Reliable Poultry Breeders

RHODE ISLAND REDS.

SINGLE COMB REDS—100 eggs \$3.50. Gertrude Haynes, Meriden, Kan.

BABY CHICKS—Purebred S. C. Reds 10 cts. Mrs. Geo. Tudor, Osage City, Kan.

CHICKS from Rose Comb Rhode Island Red prize winners 10c each. S. H. Lenhart, Abilene, Kan.

PURE BRED S. C. REDS—15 eggs 75c, 100 \$3.50; baby chicks 10c. J. B. Scott, Gas, Kan.

ROSE COMB REDS—Eggs \$1 to \$5 per sitting, from prize winning birds. F. M. Thompson, Fairmont, Neb.

ROSE COMB RHODE ISLAND REDS—My 2 pens next 60 days reduced to \$1.00 15 eggs. Frank Tuttle, R. 2, Chanute, 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.

BUY S. C. RED eggs from my fancy pens, and get value received. Having excellent hatches reported. Write for prices. Clyde C. Whiteley, Wichita, Kan.

SINGLE COMB RHODE ISLAND REDS. Descendants of state winners. Heavy winter layers. 15 eggs \$1.00, 100 \$5.00. Chicks 15c. W. Drake, Nickerson, Kan.

SINGLE AND ROSE COMB R. I. REDS. Eggs from best laying, richly colored strains in the country. 15 for \$1. \$4 per 100. Col. Warren Russell, Winfield, 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.

CHOICE Rose Comb Rhode Island Reds, fine shape, splendid color and size, good layers. Eggs for sale \$1.00 for fifteen. Miss Jessie B. Starr, Vinita, Okla.

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.

BIG BONED deep R. C. Reds. Red to skia. Red eyes. Long black low tail. Scored 90 to 94. Eggs 25 cents; after May 20th 10 cents. Good hatch high scoring stock guaranteed. Highland, Hedrick, Iowa.

R. C. REDS EGGS—From pens headed by cock birds costing from \$10.00 to \$25.00. Eggs at sacrifice prices after May 1—\$1 per 15, \$2.75 per 50, and \$5.00 per 100. Grandview Stock Farm, Americus, 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.

LEGHORNS.

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

EXTRA GOOD S. C. W. Leghorns. Eggs, chicks. Armstrong Bros., Arthur, Mo.

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

PURE Brown Rose Comb Leghorns. Eggs 3/4 cents each. Laura A. Hazen, Hollis, Kan.

BROWN LEGHORNS, both combs. Won again. Eggs. Mrs. Ida Standiford, Reading, Kan.

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

PURE BUFF LEGHORNS, S. C.—Eggs, 30 \$1.75, 100 \$4. J. A. Reed, Route 2, Lyons, Kan.

ROSE COMB BROWN LEGHORNS—Kulp strain. Eggs, 100 \$3. Mary Miek, Ransom, Kan.

S. C. BROWN LEGHORN eggs for hatching, \$4.00 per hundred. H. N. Holdeman, Meade, Kan.

GUARANTEED thoroughbred pure White S. C. Leghorn eggs, 15 75c, 100 \$4.00. J. A. Blunn, Sta. A, Wichita, Kan.

DORR'S prize winning pure Single Comb Brown Leghorns. Eggs \$3.00 per 102; \$2 \$1.25. Chas. Dorr & Sons, Osage City, Kan.

SINGLE COMB BROWN LEGHORNS—Bred from best laying strains. Eggs at farmer's prices. J. F. Crandall, Barnes, Kan.

MY STANDARD BRED S. C. Buff Leghorns won at Newton 1st cock, 1st and 2d cockerel, 1st, 2d and 3d hen, 1st, 2d, 3d and 4th pullet, 1st pen. Stock for sale—cockerels \$1 and up. Eggs \$2.50 for 15; \$5 for 100. S. Perkins, 801 E. First street, Newton, Kan.

LANGSHANS.

BLACK LANGSHAN eggs from prize winning stock. \$1.00 per 15. Martha Haynes, Grantville, Kan.

SPECIAL SALE PRICE—Black Langshan eggs \$1 for 15, \$5 per 100. Mrs. Geo. W. King, Solomon, Kan.

BLACK LANGSHANS—Eggs from pens scored cockerels \$1.50-\$2.00; range \$1.00. John Bolte, Axtell, Kan.

BUFF AND BLACK LANGSHAN pullets, score to 96 1/4, cks. finest strains, 96. Egg orders filled promptly at \$1.00 to \$2.00 per setting and \$5.00 per 100. J. A. Lovette, Mullinville, Kan.

COCHINS.

PARTRIDGE COCHINS—Stock and eggs for sale. Mrs. C. Wonderly, Benedict, Neb.

BEST BUFF COCHINS in West. Eggs from four grand pens. \$2.50 per setting. J. C. Baughman, 2215 Lincoln St., Topeka, Kan.

Reliable Poultry Breeders

PLYMOUTH ROCKS.

THIRTY EGGS five dollars. Duff's Barred Rocks, Larned, Kan.

WHITE ROCK eggs, 15 \$1.00, 100 \$4. Mrs. Frank Powell, Buffalo, Kan.

BUFF ROCKS—Write me today for list. William A. Hess, Humboldt, Kan.

WHITE ROCKS—Quality good; eggs and chicks for sale. J. A. Kauffman, Abilene, Kan.

PLYMOUTH ROCK eggs for setting, \$1.50 per 15, \$2.00 per 30. J. R. Collins, Solomon, Kan.

BARRED ROCKS. Winners, weighers and layers. 15 eggs \$1. O. Warrenburg, Centralia, Kan.

"WHITE IVORY" WHITE ROCKS. Eggs \$1 15, \$5.00 100. Mrs. Harry Webster, Yates Center, Kan.

PRIZE WINNING Barred Rocks. Eggs \$2.00 15, \$5.00 50. Mrs. Chris Bearman, Ottawa, Kan.

BARRED PLYMOUTH ROCKS exclusively. Eggs 60 cts. per 15, \$3.00 hundred. Mrs. S. B. Shaw, Goff, Kan., R. 37th Wa.

PURE BRED WHITE ROCKS—Best strains. Eggs \$1.00 per 15, \$5.00 per 100. Mrs. E. E. Williams, Sabetha, Kan.

BARRED ROCK eggs, good boned, well barred, 75 cts. per 15; \$1.25 per 30; \$3.75 per 100. Mrs. Geo. Slater, Cleveland, Kan.

BARRED ROCKS—92 premiums. Eggs, 15 \$1.00, 100 \$5.00; special mating, 15 \$5.00. Stock \$2.00 up. W. Opfer, Clay Center, 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 Deventhall (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.

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 Fowell, McPherson, Kan.

BARRED ROCKS that have been Mrs. brood for 13 years; exhibition stock a specialty; must make room; cockerels \$1.00 to \$1.50. G. R. Miller, Bowling Green, Mo.

WHITE ROCKS (Fisher) scoring 94 1/2, from prize winners. Also Barred and Buffs. Separate farms. 15 eggs \$1.00; 50, \$3.00; 100 \$5.00. Chicks 15c. J. Drake, Nickerson, Kan.

BARRED ROCKS—Breeders \$1.00 to \$3.50. Babies each 20c, 12 \$2.00. Eggs 15 \$1.00, 60 \$3.25, 100 \$5.00. Winners Topeka, Manhattan, Topeka. Mrs. D. M. Gillespie, Clay Center, Kan.

BARRED ROCKS—Special prize matings of Missouri and Oklahoma winners. Eggs reduced to \$1.50 and \$2.00 per 15, beginning May 20. Splendid health and vigor. Mating list free. J. M. Wales, Springfield, Mo.

SHELLEY BROS.' BARRED ROCKS won 70 premiums—34 firsts, specials and sweepstakes—at Kansas' largest shows. Eggs, \$3.00 for 15; \$5.00 for 30; guaranteed. Circular free. Shelley Bros., Elmdale, Kan.

13 YEARS' experience with Onward and Upward Barred Rocks has put them in the very front ranks of breeding and individuality. 15 eggs \$3. Pullet mating only. G. E. Dyksterhuis, Holtz, Colo.

MINORCAS.

SINGLE COMB BLACK MINORCA eggs, 15 75 cts., 30 \$1.50. Sarah Peters, Nashville, Kan.

SEVERAL VARIETIES.

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

THIRTY-FIVE VARIETIES thoroughbred poultry. Catalog free. Jordan Poultry Farm, Coffeyville, Kan.

FOR SALE—Choice Single Comb White Leghorn and S. Sp. Hamburg hens. Vira Bailey, Kinsley, Kan.

43 VARIETIES, poultry, pigeons; cut prices on stock and eggs. Catalogue 3 cents. Missouri Squab Co., St. Louis.

BLUE BARRED ROCK and R. C. Choccolate Red eggs priced reasonably considering quality. Write Milton Deihl, Lawrence, Kan.

S. C. WHITE AND BROWN LEGHORNS and R. C. Reds. Eggs. Chicks 12c up. Circular. Prosperity Poultry Farm, Barnes, Kan.

MISCELLANEOUS.

WANTED—Baby chicks. Any size or age. State what you have. Write today. Shelton & Co., Alcott Station, Denver, Colo.

Cook's Barred Rocks

Are the greatest winners and layers in the West, large, healthy, farm raised and vigorous. Owing to the backward unseasonable spring I am going to share with my customers and offer eggs at the very low prices of \$1.25 per 15, \$3 per 50 and \$6 per 100. Better quality at the prices cannot be bought. Order at once.

CHAS. J. COOK, Box B, Marysville, Kansas.

Hardest Water Makes Softest Lather with JAP ROSE SOAP



JAP ROSE

pure vegetable oils soften the water as quickly as they soften the skin. With any water, hot or cold, soft or hard, the lather appears so quickly, and easily, and freely that using JAP ROSE is both pleasant and refreshing.

Skin made rough and imperfect by years of hard water and unsuitable soap, is smoothed, softened and purified by the beneficial JAP ROSE ingredients. The easily formed bubble lather is a skin care-taker for all. You cannot afford to be without it.

All Dealers **KYER** A Large Trans-
parent Cake 10c

Special Trial Offer: Send a 2c stamp and your dealer's name for a Free Trial Cake of JAP ROSE Soap.

JAMES S. KIRK & CO.
207 Michigan St., Chicago, U.S.A.

Meadows

Power Washer

Washes 100 pieces in 10 minutes. Self washer and wringer. You wash second batch of clothes while blueing and wringing first. Machine does all work—no scrubbing—no backaches—the "Meadows" Does Week's Washing in 10 mins.

You sit by and watch. Small power operates. Special low price offer if you write us today for free circular. Send postcard now.

MEADOWS MFG. CO.
Dept. O, Pontiac, Ill.

Huiskamp's Barnyard Shoes

Can't rot or break through from contact with manure and liquids. Worn by thousands of farmers and stockmen because it's a **Guaranteed Farm Shoe**. Money back if not as we claim—manure proof. Cuts your shoe bill half—costs no more than the common shoe but lasts twice as long. Specially tanned. Built on standard lasts they fit the foot. Comfortable. Durable.

Ask Your Dealer Bottle of special oil free with each pair. Preserves the shoes. If your dealer doesn't handle Barnyard write for literature and name of dealer who does.

The Huiskamp Bros. Co.,
204 Johnston St., Keokuk, Iowa

PATENT YOUR IDEAS

\$9,000 offered for certain inventions. Book "How to Obtain a Patent" and "What to Invent" sent free. Send rough sketch for free report as to patentability. Patents advertised for sale at our expense in Manufacturers, Journals. Patent Obtained or Fee Returned. **CHANDLER & CHANDLER, Patent Att'ys** Established 16 Years 975 F. Street, Washington, D. C.

"Magic Picture and Post Card Reflector" FREE and 25 View Cards

This wonderful machine will reflect any post card, picture, newspaper clipping, photo or object such as watch works, postage stamps, etc., in natural colors, magnified many times! The greatest little entertainer ever offered. No expensive slides or films to buy. Hundreds of pictures free by simply cutting them out of newspapers, etc. Send us your name and address and we will send you, prepaid, 16 Enamelled Art Pictures. Distribute the 16 pictures among 8 friends—a whole year's reading and 2 pictures for only 25c. When pictures are all distributed send us our \$2 and we send the "Magic Picture and Post Card Reflector" and 25 Handsome view post cards ALL FREE AND PREPAID. Only 2,000 Reflectors to be given away on this plan. Send your name and address at once. **MAGIC REFLECTOR CO., 106 Copper Bldg., TOPEKA, KANSAS**

The WOMEN FOLKS

Conducted by



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 triple-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.

Most of us waste a lot of energy every day in extra motions, just because we don't think. Yesterday I watched a woman in the restaurant. She started for one table, then stopped and looked around, started for another table, got there, changed her mind again, and finished up by going to a third. Then she hung her hand bag on one corner of the chair, walked around to the other side of the chair and sat down.

I walked up the street behind a pretty girl who swung her arms stiffly from the shoulder and several inches out from her hips at every step. You knew on the instant that every muscle in her arms was drawn tight, and some of the muscles in the shoulders and back as well. I've sat at the table many a time with women who just slid onto the edge of their chair, and balanced themselves there the whole meal through. I've ridden on the car with women who sat bolt upright in their seats during the whole trip, so anxious were they to get there. The car didn't travel any faster because they wore themselves out wishing it would. I've seen women out driving who never seemed to know the seat of their buggy had a back.

These are just a few illustrations, and any one of us could add to them indefinitely. None of us has any nervous energy to spare, and it seems a sad waste to throw away what we have, when we need it. That's the reason some of us are half sick half the time. It isn't economy to borrow from Peter to pay Paul; the rates of interest are always too high. In other words, though we may get the kitchen work done a little sooner this morning if we spend twice as much energy on it as it needs, in a month's time we will accomplish more and feel better if we have given to each task just the strength it needed, and no more. Watch for the little leaks. It's the little foxes, you remember, that spoil the vines. It's a great thing to be able to use just exactly as much energy as we need, and no more.

Helps in the House Work.

We all like the Mail and Breeze and could hardly do without it. I find the page for the Women Folks a great help in doing our house work.
Ames, Kan. Cora Chartier.

Cheese Pie.

One and a half cups cottage cheese, 1/2 cup sugar, 1 1/2 cups sweet milk, 2 eggs—the yolks added to the milk, the whites used for frosting. Mix all together and bake like custard pie.
Mrs. W. W. Purvine.

Okmulgee, Okla.

Welsh Rarebit.

Take 2 cups cheese cut very fine, add 1 cup sweet milk and put in a pan over the fire. Stir about 2 minutes, then add 1 well beaten egg, with salt, pepper and mustard. Cook 6 minutes, and serve hot with buttered toast.
Jennings, Kan. Pearl Chenoweth.

A Shining Kitchen Stove.

To make your kitchen stove look nice when polishing it, add to the blacking 1 teaspoonful of turpentine and a tablespoonful of sugar. Polish when cold, using a brush. If you have none take an old broom, or a woolen cloth. Rub hard for a few minutes, and the result will please you. Mrs. W. F. Smith.
R. 2, Chandler, Okla.

Swiss Beefsteak.

Have your butcher cut a piece 2 inches thick off the round. Lay meat on a board, cover well with flour and with a cleaver hack it thoroughly on both sides, adding more flour as necessary. Make it take in all the flour

possible. Have ready a skillet with burning hot lard and butter. Sear the meat on both sides, then cover with boiling water, set in the oven and cook 30 to 45 minutes. Salt and pepper when nearly done.
Mrs. Glenn Fitch.

Ottawa, Kan.

Recipe for Buns.

Two quarts of very light bread sponge, 1 quart sweet scalded milk, 1 cup sweet cream, 1 cup sugar, 1 egg, 1 tablespoon salt, 1/2 cup butter or lard. Mix like bread, let rise twice, working very smooth each time. Make into small balls and mash down the top, and they will rise like baker's buns. This will make 50 splendid buns.
Mrs. T. M. Baldwin.

Beloit, Kan.

No More Run-Away Spools.

One of the handy things we have is a spool holder. It can be made to fit a drawer, or any portion of it that you want to put it in. Drive nails into a block of wood far enough apart that each nail can hold a spool of thread.

Finishing nails are best, since they let the spool slip on over the head. This is handy for holding thimbles as well as thread.
Anna Ruppenthal.

Goltry, Okla.

This Makes a Pretty Waist.

Women who like pretty waists, and that means all of us, will appreciate the one illustrated here. The embroidery design consists of a single, effective spray of flowers, with scallops for a side opening. The embroidery is all solid, in white or colors, or, to give variety, the dots and flower centers may be eyelet. Any waist material is suitable for a waist cut in this style, but linen, cambric, flaxon, and voile are



8219T—EMBROIDERED WAIST.

most appropriate. The transfer embroidery pattern (No. 8219 T) with full directions for its use, may be obtained from the Mail and Breeze Pattern Department, Topeka, Kan., price 10 cents. Those who wish the waist pattern can also secure it from the Mail and Breeze Pattern Department, price 10 cents. The waist pattern comes in six sizes, 32 to 42 bust. The sleeve can be shortened to elbow length and edged with an embroidered scallop if preferred.

DARN YOUR OLD STOCKINGS

with the Capital Handy Stocking Darner. Fits any sewing machine. Will darn a sock or mend a hole in a grain sack in five minutes. So simple a child can use it. Mail and Breeze 13 numbers and one Darner 35c; 26 numbers and one Darner 55c; 52 numbers (one year) and Darner for \$1.00. Address Mail and Breeze, Topeka, Kan.

Start a Band



BIG PAY Easy to Learn

You can easily learn to play any instrument. We give a fifty lesson certificate FREE to customers. Organize a band or orchestra in your town. Lots of pleasure and you get big pay. We are one of the oldest and largest instrument houses in America. We have everything and we guarantee our goods to be right in price and quality. Send your name and address today and we will give you full particulars and free catalog explaining everything. Don't buy anywhere at any price until you hear from us. Write a letter today saying: "Please send me free catalog of musical instruments." **JENKINS MUSIC CO., 115 Jenkins Bldg., Kansas City, Mo.**



10 DAYS FREE TRIAL

We ship on approval without a cent deposit, freight prepaid. **DON'T PAY A CENT** if you are not satisfied after using the bicycle 10 days.

DO NOT BUY a bicycle or a pair of tires from anyone at any price until you receive our latest art catalogs illustrating every kind of bicycle, and have learned our unheard of prices and marvelous new offers.

ONE CENT is all it will cost you to write a postal and everything will be sent you free postpaid by return mail. You will get much valuable information. Do not wait, write it now. **TIRE, Coaster - Brake rear wheels, lamps, sundries at half usual prices.** **Head Cycle Co. Dept. K131 Chicago**

THIS BEAUTIFUL RING FREE!

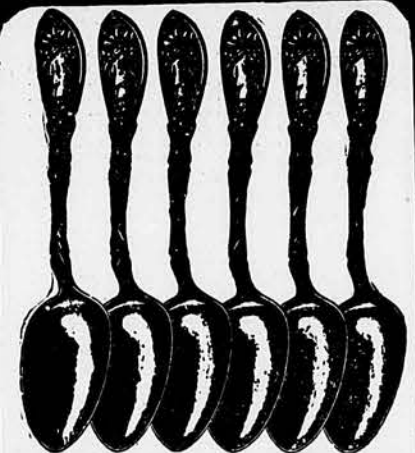
Set with four Sapphires surrounded with six bright sparkling diamonds. This is positively the most beautiful ring ever given and can be had without costing you one cent by distributing only four of our large beautiful pictures at 25c. by our special plan. We send pictures at once, all charges paid, all different, printed in 10 to 17 different colors. Send no money in advance. We trust you with pictures until disposed of. You can also earn Watch, Doll, Bracelet or Lace Curtain, if you wish. **KANSAS ART CLUB, Dept. 27, Topeka, Kan.**

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.**

SIX SILVER TEASPOONS

FREE



Greatest Premium Offer to Mail and Breeze Readers!

Here is an offer which should interest every housewife! No matter how many teaspoons you have you surely cannot afford to miss getting one of these beautiful sets on the very remarkable offer we are now making.

We purchased 1,000 sets of these spoons from the well-known Oxford Silver Plate Co. at a price so far below usual cost that we can afford to give one set free to all who accept our offer.

They are silver plated and handsomely engraved and embossed in the beautiful Narcissus design, which extends the entire length of the handles on both sides, making a most pleasing effect. Each spoon is full standard length and weight; the bowls are extra deep, perfectly plain and bright polished; the handles are finished in the popular French gray style.

Send us \$2.00 to pay for a new or renewal subscription to Farmers Mail and Breeze for 3 year, and we will send you, absolutely free and postpaid, one set of six handsome Silver Plated Narcissus Teaspoons.

Remember we have just one thousand sets of these spoons on hand and this offer is good only while our supply lasts. We will cheerfully refund your money if you are not perfectly delighted with the spoons after you receive them. Don't delay. Send your order today.

FARMERS MAIL AND BREEZE
Dept. 10, Topeka, Kansas

Narcissus Spoon Set Coupon

Mail and Breeze, Dept. 10, Topeka, Kan.
I enclose \$2.00 to pay for 3 year's subscription to Farmers Mail and Breeze. You are to send me free and postpaid the six Narcissus spoons described above.

My Name.....

Address

HOME DRESSMAKING

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



- 5833—Ladies' Coat, with long or short sleeves, 6 sizes, 32 to 42 bust.
 5359—Ladies' Waist, 6 sizes, 22 to 42 bust.
 5329—Seven-Gore Skirt, 6 sizes, 22 to 32 waist.
 5590—Underwaist and Bloomers, 5 sizes, 4 to 12 yrs.
 4949—Girls' Dress, 5 sizes, 4 to 12 yrs.
 5269—Boys' Scout Suit, 5 sizes, 4 to 12 yrs.
 2654—Child's Apron, 11 sizes, 2 to 12 yrs.
 5292—Work Apron, sizes 32, 36, 40, 44 bust.
 5827—Three-Gore Skirt, 5 sizes, 22 to 30 waist.
 4635—Boys' Shirtwaist Suit, 5 sizes, 4 to 12 yrs.
 5496—Girls' Dress, sizes 6, 8, 10, 12 yrs.
 5829—Men's Coat, 6 sizes, 34 to 44 bust.
 4430—One-Piece Nightgown, 7 sizes, 32 to 44 bust.
 5832—Ladies' Waist, with deep peplum, 6 sizes, 32 to 42 bust.
 5071—Child's Dress, sizes 1, 3, 5, 7 yrs.
 5117—Boys' Shirt Blouse, 7 sizes, 4 to 16 yrs.
 1230—Short Trousers, 12 sizes, 3 to 14 yrs.

Things Other Women Do.

A nice way to cook green peas is to put them in boiling water with a few sprigs of mint. When tender add a little sugar, salt, and butter.—Mrs. D. H. Blossom, R. 2, Avery, Okla.

To clean an ironing board cover that is not easily removed take your scrubbing brush and wash it, then stand in the sun to dry.—Mrs. Allen Palmer, Harper, Kan.

Equal quantities of turpentine and camphor shaken together and applied to chiggers means death to them and relief for you.—Mrs. P. B. Crooks, R. 4, Fredonia, Kan.

Put buttermilk in a glass that has been stained by water standing in it, and the glass will be as clean as ever.—Mrs. C. C. Pardee, R. 1, Monrovia, Kan.

As soon as you discover a little crack in your taffeta skirt or waist take a piece of court plaster of the same color and paste on the wrong side of the goods. It will prevent a longer rent.—Mrs. M. C. M., Darlow, Kan.

To remove grease spots from a carpet sprinkle thickly with cornstarch and cover with a newspaper. Leave for a day or two, then sweep off, and the spots will be clean.—Mrs. M. M. B., Humboldt, Kan.

Instead of shelling the peas by hand put them on to cook in cold water. When they boil the pods will open and the peas drop to the bottom, when the pods can be skimmed off.—Mrs. Mary Bahls, Lincoln, Kan.

When Life is Not Worth Living.

When one has lost self respect.
 When one has not won the respect and confidence of friends and relatives.

When your neighbors are afraid to repeat what you tell them.

When your word does not stand for anything in your community.

When the neighbors would not consider your departure a loss.

When one has not learned the art of self control.

When young people cannot mix and mingle with you with any comfort.

When all that is good and sweet and noble has evaporated, and you are filled with envy and jealousy, making a good outward appearance when the heart is evil. Then life is empty.

Mrs. Samantha Gillock.

R. 3, Bowers Mill, Mo.

The Fountain of Youth.

To keep young is to think young thoughts. If you have the idea that you are too old for certain pleasures, too old for certain styles, dismiss these mistaken ideas at once. This world is very beautiful, and always progressive. Keep pace with it. Don't drop out and get bent and gray and old and ugly at 45 or 50. If you are a mother go out with your children. Make their pleasures yours. And just here let me tell you something: Look nice. Why wear your hair in a tight roll, always unbecoming, and wear a long wide skirt when you know the shorter, narrower ones are in style? You owe it to God always to look well. He gave you a good body, one of beauty. What have you done with it? Don't give up. Enjoy life and be useful. Think health and happiness and they are yours.

Salina, Kan. E. W.

USE THIS COUPON FOR PATTERN ORDERS.

Farmers Mail and Breeze, Pattern Department,
 Topeka, Kan.
 Dear Sir—Enclosed find cents, for which send me the following patterns:

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

Name

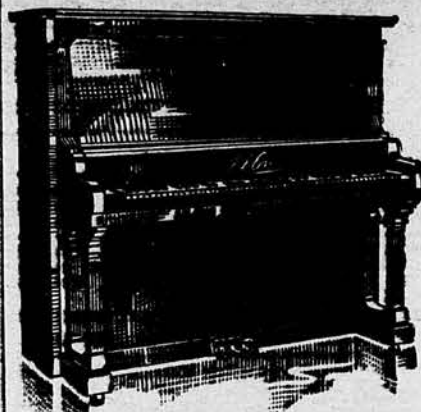
Postoffice

State

R. F. D. or St. No.

BE SURE TO GIVE NUMBER AND SIZE.

IF YOU DOUBT Our Word About the Elburn H-2 Take the Word of Others



\$225 Buys This Brand New Elburn H-2 \$1.50 Weekly Pays For It.

Gentlemen—About eight years ago I purchased from your Kansas City house, an Elburn piano. This instrument was shipped to me at Lindbergh, Kan.; since that time this piano has been moved four times, not including about 2 years that it was in a boarding car with an extra gang on the Missouri Pacific. The piano has certainly been subject to very severe treatment, but regardless of that it has only been necessary to tune it once. I can truthfully say that I never saw a piano that stands up as well as this one, and it is a pleasure for me to be able to tell you about it.

(Signed) L. F. BARNES, Sycamore, Kan.

We are quoting in this advertisement another letter we recently received, testifying to the merit of the Elburn H-2.

This is a pretty strong letter isn't it? It proves, as do the many other letters we have quoted in our advertisements that the Elburn H-2 is \$150 to \$200 better in value than our very low price suggests.

The income you realize from one of your cows or from a few of your chickens will buy this splendid piano. You would never miss the money, it would be no sacrifice and you would bring a refining and educating influence into your family that you would never regret.

REMEMBER OUR OFFER—We will send you an Elburn H-2 freight prepaid for trial. You can thoroughly test it; you can have all the musicians in your neighborhood test it. And if it does not measure up to what we say about it, send it back, the cost to you will be nothing.

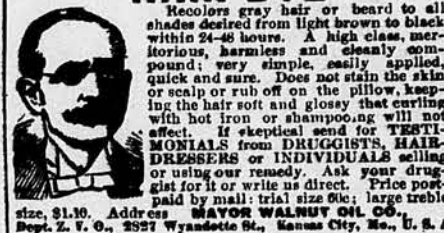
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J.W. JENKINS SONS' MUSIC CO., Kansas City, Mo.

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A thorough course in cutting, fitting and finishing garments. Open all year. Write for free catalog. Out-of-town pupils given special attention. Address: MRS. M. G. GILBERT, Principal, 714½ Franklin St., ST. JOSEPH, MO.

MAYOR'S WALNUT OIL HAIR DYE



Recolors gray hair or beard to all shades desired from light brown to black within 24-48 hours. A high class, meritorious, harmless and cleanly compound; very simple, easily applied, quick and sure. Does not stain the skin or scalp or rub off on the pillow, keeping the hair soft and glossy that curling with hot iron or shampooing will not diminish. If skeptical send for TESTIMONIALS from DRUGGISTS, HAIRDRESSERS or INDIVIDUALS selling or using our remedy. Ask your druggist for it or write us direct. Price paid by mail; trial size 50c; large treble size, \$1.10. Address: MAYOR'S WALNUT OIL CO., Dept. Z. F. O., 2927 Wyandotte St., Kansas City, Mo., U. S. A.

FREE Literature will be sent to anyone interested in the wonderful Sacramento Valley—the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. Write to a public organization that gives reliable information. Sacramento Valley Development Assn., Sacramento, California.

FLOWER POST CARDS FREE—Five of our prettiest cards, all different, beautiful rich colored Forget-me-nots, Violets, Roses, Pansies, etc. Send 2c stamp for postage. W. H. Gates, 803 Jackson St., Topeka, Kan.

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47 PERFECT-PRACTICAL FREE

In handsome nickel 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, Tweezers, Compass, Saw, Protractor, File, Round File, Rule, Bevel, Universal Chuck, Tool Handle, T Square, Tri Square, Scratch Gauge, Depth Gauge, Rule Gauge, Slide Calipers, Reamer, Counter Sink, Bradawl, Harness Awl, Scratch Awl, Straight Edge, Ink Eraser, Tack Claw, Nail Set, Center Punch, Bag Needle, Ball Needle, Button Hook, Spatula, Scraper, Stiletto, 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.

This Big Leather-Bound Webster's Reliable Dictionary

Sent Prepaid to Mail and Breeze Readers

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Here is a book that is constantly needed by every man, woman and child. No other one book contains so much of practical educational value. The book illustrated here is a book such as would ordinarily retail for a high price. It is handsomely and substantially bound in soft leather covers and printed in large, clear, easily-read type. It is just the right size for home, office or school use. It is thumb-indexed for quickly finding the word you want without any loss of time. No home library, no reading table, no student's outfit is complete without a good dictionary—and there is none other more authoritative or more complete than the famous Webster.

I have just made one of the largest dictionary purchases ever shipped into the West—two entire car loads. I got them for a price away below the usual wholesale rate—a price so low, in fact, that I can give these books free—as long as my supply lasts—to the readers of this paper. I will send one of these big value dictionaries free and prepaid to all who fill in the accompanying coupon remitting just \$2.00 to pay in advance for a 3 years' subscription (156 big numbers) to my well known farm weekly, "The Farmers Mail and Breeze."

My supply, while large will not last long on such an offer as this! So if you want to get in on this great bargain, sign and return the coupon with \$2.00 today.

The coupon must be used, or the wording copied on a piece of letter or note paper in order to secure this special price. Renewal or extension subscriptions accepted on same terms as outlined above.

Cut Out and Mail This Coupon Today!

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

Dear Sir: I desire to accept your special offer and enclose herewith \$2.00 to pay for 3 years' subscription to Farmers Mail and Breeze, and you are to send me, prepaid, one leather-bound "Webster's Reliable Dictionary" as per your offer.

Name

Postoffice

R. F. D.

State

State

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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.

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

BLUE RIBBON cane seed, first premium. Jno. Shubkagel, Bigelow, Kan.

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

GOOD clean improved Whippoorwill cowpeas, \$2.25 per bu. Phil Richard, Sand Creek, Okla.

LARGE Whippoorwill cowpeas, hand picked, \$2.10 per bushel. Henry Elkins, Aline, Okla.

STARK Bro's, Louisiana, Mo., big idea in tree selling. Best terms known to nursery world. Box 98.

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

HARDY BERMUDA roots, \$1 per bran sack, 6 sacks \$5 f. o. b. Santa Fe, Rock Island or Frisco. M. E. Shockley, North Enid, Okla.

COWPEAS for sale. I have some first class Whippoorwill cowpeas. Well cleaned and in nice shape. Price \$3.00 per bushel. H. S. Davis, Amorita, Okla.

PLANTS FOR SALE—Cabbage, Sweet potatoes, tomatoes and peppers. Shipping orders given prompt attention. Gilmore Fruit & Plant Co., 1500 Kansas Ave. Ind. phone 1252 or 1933 Ring X. Topeka, 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.

FOR SALE—Short Orange cane seed. A special sorghum cane for syrup purposes—ten days to two weeks ahead of any of the earliest around here. It is very sweet and makes large yield of syrup. A vigorous grower and does not blow down. C. P. Nettleton, Lancaster, Kan.

FOR SALE.

FOR SALE—2 pool tables. Geo. D. Butts, Topeka.

MOTOR BUGGY—Rare bargain. J. E. Frampton, Lamar, Mo.

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

FOR SALE—Moving picture film 1c foot. Moving picture machines \$40. H. Davis, Watertown, Wisconsin.

ASH GROVE No. 1 alfalfa hay \$12 f. o. b. Gem. June delivery. Weights and quality guaranteed. K. C. Knudson, Gem, Kan.

CAPONIZING tools for sale \$2.50. Capons and Why—a book on capons, price fifty cents, 50c. L. Henderson, Willard, Kan.

AUTOMOBILE for sale. 5 passenger, top and headlights, solid tire, shaft drive, nearly new. A bargain at \$750.00. Emmett Taylor, Lawrence, Kan., Rt. 7.

FOR SALE—Complete Gaar-Scott threshing rig. Fine condition. Engine 25 H. P. A bargain. Price and description. Address W. H. Lowe, Caldwell, Kan.

BIRD STORE—Gold fish, parrots, canaries, puppies, monkeys, bird seeds and song restorer; all kinds pets and their supplies. Pollys, 212 E. 14th, K. C., Mo. Write for catalog.

FOR SALE—One threshing machine. 14-horse Peerless engine and 30x46 Nichols and Shepard Red River Special separator, all equipped and nearly new. Sold cheap if taken soon. Will Herder, Yates Center, Woodson county, Kansas, Route 5.

FOR SALE—Butcher shop complete, in famous Payette valley, Payette, Idaho. Cold storage machine, horses and wagons, slaughter house, with lease on shop and slaughter house good for 3 years. Cheap rent. If you want to buy write us for full particulars. Independent Meat Co., Payette, Idaho.

FOR SALE OR EXCHANGE.

FOR SALE OR TRADE—My equity in 69 acre farm 4 miles from Valley Falls, Kan. My equity is about \$3,000. Would like a small farm clear. W. H. Allen, Rock Creek, Kan.

LOOK HERE—John M. Wilkerson has a number of improved and unimproved lots in North Topeka and Highland Park that he will sell at a bargain or trade for cattle. See him if you have any stock to trade or leave word at Matt Campbell's law office, 525 Kansas avenue, Topeka.

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FOR EXCHANGE—Hardware, harness, furniture, undertaking stock and buildings, by Owner, Box 186, Renfrow, Oklahoma.

WANT TRADE—Combination scholarship in a reliable Kansas City business college for a full set of carpenter's tools. Fred M. Fleming, Cherryvale, Kan.

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REGISTERED yearling Hereford bull. Sixty dollars buys him. F. R. Machin, Russell, Kan.

RED POLLS—27 year breeder of best farmers' cattle that live. Bulls for sale. D. F. Van Buskirk, Blue Mound, Kan.

JACK FOR SALE—Kentucky. Breeding fine individual, five years old; can show fine colts, \$500 or will trade for mares. D. W. Little, Conway Springs, Kan.

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FOR SALE—Setter puppies. Registered. C. W. Colgin, Brownsville, Tex.

SCOTCH COLLIE pups, good color and good workers. Address A. W. Toews, Inman, Kan.

LANDS.

HOMESTEADS—Special information. Riverside Kolona, Harrison, Ark.

FARM SALE—160 a. or 320, near town, cheap; must sell; write for particulars. Fred Scott, Lovell, Okla.

FOR SALE—423 acres improved land in Pratt Co. In the great wheat belt. Levi J. Tobias, Rt. 1, Box 42A, Iuka, Kan.

FOR SALE—Good ¼ land in Haskell Co., Kan. \$8.00 per acre. Need the money. Write owner, W. A. Fribley, Winthrop, Ark.

\$5 DOWN, \$5 monthly, buys 40 acres near town, southern Missouri. Price \$160.00. Big bargains. Write for list. Box 372, Carthage, Missouri.

GOOD Missouri quarter land to trade for horses or good auto. Auto for livery stock or merchandise. Meat market for sale. L. R. Painter, Lenora, Kan.

FOR SALE—At Manhattan, Kan.; four room cottage; two blocks from college campus; nice location for college students. George Wheeler, Tyro, Kan.

WYOMING FREE! For limited period, we will pay excursion round trip rates from Chicago for each 80 acre purchaser. Write Wyoming Development Co., Cheyenne, Wyo.

FOR SALE—2,600 acre ranch, good improvements, at \$20 per acre, part alfalfa and meadow, in Las Animas county, Colo. Good outside range. Write me. Gus Jeannin, Barola, Las Animas Co., Colo.

FOR SALE—Quarter section medium black rice land, mid-coast country, Texas. I guarantee this land to pay 8 per cent on the investment. For description address F. L. Giddings, Burns, Kan.

DO YOU want to sell your farm? If so give me price, description and state when possession can be had. I wish to hear from owner only, who will sell direct to buyer. Rex S. Leonard, Andover, Ohio.

40 ACRE poultry farm for sale in Saline Co., 5 miles of good market, near church and school, land lays well and nicely improved. Price \$2,600 if taken at once. Address Owner, care of Mail and Breeze.

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DELIGHTFUL OREGON: Famous Sutherland Valley orchard lands offer wonderful opportunities. Illustrated literature, maps, prices and particulars free. Luse Land & Development Company, Ltd., St. Paul, Minnesota.

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

OREGON and southern Washington. Write before investing or coming West, so you can learn the facts about the Oregon country, its attractive climate and its agricultural and other opportunities. Official information gathered and vouched for by over 150 commercial organizations and by Oregon State Immigration Commissioner will be sent free on request; all inquiries answered in painstaking detail. For full information write to Room 637, Portland Commercial Club, Portland, Oregon.

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ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 100,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 25c per line of seven words. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

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WILL BUY good farm. Well situated. Owners only. Give description and price. Addr. Coens, Box 754, Chicago.

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GOVERNMENT wants employees. Write for list of positions open. Franklin Institute, Dept C 55, Rochester, N. Y.

WANTED—Reliable man to sell nursery stock. We have a splendid position to offer. Write today for particulars. James Trullitt & Sons, Nurserymen, Chanute, Kan.

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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.

WANTED—Active man in every lodge. To join this Society. Carry its sick, accident, death benefits. Get friends to join. Spare time. \$50 to \$150 a month. Write for particulars. Box BQ-293, Covington, Ky.

YOU ARE WANTED for government job. \$30.00 month. Send postal for list of positions open. Franklin Institute, Dept C 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.

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, 1157 Marden Building, Washington, D. C.

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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.

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WANTED—Men and women; for government positions. \$50.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept C 55, Rochester, N. Y.

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SITUATION WANTED—A position as housekeeper by middle aged woman. Apply Box 344, Blue Rapids, Kan.

WANTED—Position on farm by single man. 25 years old. Best of references. Experience with gasoline engines and all kinds of farm work. Alfred Greenwood, Wakeeney, Kan.

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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—\$35 weekly easily made; self selling auto necessity; big demand; exclusive territory; write us for particulars. Hackett Sales Co., Box KO300, Kansas City, Mo.

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.

WE WANT AGENTS. Ladies, write us today. We have a splendid proposition for you. \$5 per day easily made working for us. Write now and receive our catalogue of articles we manufacture and high grade premiums. Address Box 1265, Edina, Mo.

WANTED.

WANTED—To buy hedge posts for cash in carlots. Box 202, Winfield, Kan.

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SEND FOR FREE BOOKLET, All About Patents and Their Cost. Shepherd & Campbell, 500 C. Victor Bldg., Washington, D. C.

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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.

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FOR RENT—Completely equipped 7 thousand bu. elevator. Would sell. Address Pres. Farmers' Co-Op. Assn., Ray, Kan.

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OLIVER VISIBLE TYPEWRITER for sale cheap. Perfect condition and does splendid writing. Could send on trial. Charles B. Rickart, Route 5, Rosedale, Kan.

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MISSOURI AUCTION SCHOOL, largest in world. Own largest living mule. 1404 Grand, Kansas City.

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HARNESS—Our harness is correctly made and prices right. Write for catalogue. Ed Klein, Lawrence, Kan.

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Mr. Bolan's Awful Example

Recently Farmers Mail and Breeze published a letter from a Russell county contributor in which he made the point that the average newspaper writer in writing up the farmer counts the income but fails to see the expense side, which is true enough. This contributor then went on to indicate the equipment necessary for the average 160-acre wheat farm, and figuring in the cost of repairs, labor, taxes, etc., estimated that such a

farmer would clear about \$407 a year on his work and investment, not a princely sum with which to maintain a family.

The Mail and Breeze published the letter with the comment that it made a strong case in proof of the absolute failure of exclusive grain farming. Later the letter was brought to the attention of Prof. Jardine, head of the farm crops department at Manhattan, where it was recently reprinted with his comment in the Industrialist, published at the college.

Quoting Prof. Jardine, the Industrialist says in one place.

Mr. Bolan's figures represent a fair average income for farms of 160 acres. A man who tills a 160-acre farm and does not maintain some poultry, some hogs, a few dairy cows, and rear a good colt or two each year, can never expect to get ahead much under any system he might adopt in cropping his land as far west as Russell county.

Air Cure for Milk Fever.

Mr. Editor—Some time ago we saved two good dairy cows that had bad cases of milk fever by simply filling their

udders with air with a bicycle pump. But in using a pump in this way it must first be thoroughly disinfected.

Bennett, Colo. G. H. Shoemaker.

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.

Crops and Livestock

(Continued from Page 12.)

up. Farmers are much interested in good roads movement, especially the Meridian road across the state.—W. H. Plumly.

Finney County—A great deal of milo and other feed crops sown early will have to be replanted. Most wheat looks fair. Cattle and horses on range look fine and grass is better now than any time last year. Had a number of good showers so far this spring. Eggs 15 cents, butter 25.—Frank Coen.

Marshall County—What wheat was left is looking all right on bottom land but not so well on upland. First plantings of corn are up and most fields show a good stand. Late plantings need rain. High winds have dried out the surface lately. Good crop of alfalfa hay being harvested.—F. G. Stettinich.

Republic County—Corn was planted 10 days later than usual and was finished last week. Have had no rain lately and the work was rushed. The ground is crusted and wheat and oats need rain. Chinch bugs have appeared in wheat and may do damage if weather continues dry. First crop of alfalfa ready to put up.—Ed Erickson.

Ford County—Had a shower of rain here May 25 but it had been hot and windy before. Will need a good heavy rain for wheat soon, although it has been doing well. Corn shows a good stand and is being worked the first time. Oats and barley are doing fine. Wheat \$1.07, corn 85 cents, eggs 15, cream 24.—John Zurbuchen.

Thomas County—About 50 per cent of wheat acreage abandoned in the county. What is left looks well and is growing nicely. Plenty of moisture in subsoil but need rain to keep surface crust loosened up and dust from blowing. Cut worms doing considerable damage to gardens and corn. Weather warm.—J. D. Graham.

Grant County—Farming operations are late and considerable planting still to do. Plenty of moisture but cool weather has been holding crops back. Much milo and broomcorn still to be put out. Wheat promises about 75 per cent of a crop. Grain and hay very scarce but grass is best in five years. Butter 15 to 25 cents, butter fat 25.—J. L. Hippie.

Logan County—Have had a few showers lately but need a good rain badly. Some wheat will be a total failure and the general crop very short. So far this year seems to be a duplicate of last year. Plenty of time yet for corn and feed but many farmers are discouraged. Hay \$24, corn 90 cents, eggs 16, butter fat 23.—A. O. Brookings.

Allen County—Some corn is being replanted. Flax looks fair but oats are not so good due to chinch bugs. Large acreage of Kafir being put out. Meadows look promising. Worms have done much damage in apple orchards. Good crop of straw-berries. Hay \$15, bogs \$7.25, corn 75 cents, oats 60, Kafir 75, eggs 16, butter fat 23.—George O. Johnson.

Lyon County—Heavy shower of May 24 did much good to corn and other spring planted crops. Had been a little dry before this. Nearly all alfalfa was cut and stacked when rain came. Most corn is out of the ground and some has been cultivated. Some listed fields have had to be replanted. Worms have been bad in orchards. Butter 20 cents, eggs 14.—E. R. Griffith.

Pottawatomie County—Farmers thought they were through planting corn but some are having to replant. The seed was not strong and is not coming up good. Wheat that was not winter killed is making good growth but needs rain. Apples promise a good crop. Many cherries have been blown off and peaches will be a failure. Corn 85 cents, cream 26, eggs 15.—W. H. Washburn.

OKLAHOMA.

Pawnee County—Cotton is coming up slowly and the overflow land is not all planted yet. Oats are beginning to head.—V. Funkhouser.

Washington County—Corn all planted but some must be replanted over. Early plantings are being cultivated. Quite an acreage of milo and Kafir out. Wheat is heading and oats coming on in fine shape. Pastures were never better. This has been the

wettest spring for many years and crops along streams have suffered from high water.—J. M. Brubaker.

Reggio County—Corn was planted between showers and some not through planting yet. Oats doing well but acreage is small. Everything in the feed line high and going higher.—A. Cochran.

Cherokee County—Corn looks well but much cotton will have to be replanted. Wheat shows a poor stand but oats look well. All feed high. Some horses dying. Corn \$1, eggs 15 cents, butter 24.—L. J. York.

Beaver County—Wheat is heading. Small acreage of corn out. Kafir and broomcorn coming up in good shape. Bugs are damaging gardens. Fruit looks good for a fair crop. Weather warm and nice.—M. B. Edwards.

Payne County—Corn growing well. Cotton and Kafir are up. Chinch bugs are bad in wheat and oats. Good prospects for potatoes. Stock doing well on grass.—A. M. Leith.

Garfield County—Kafir and cotton being planted. Cotton acreage not as large as last year. Wheat heading out and looking good. Oats promise a good crop but acreage is a little short. Good chop of alfalfa being harvested. Plenty of rain and pasture is good.—H. C. Waggoner.

Gavin County—Early plantings of cotton show a good stand. Later plantings show a half stand and some replanting being done. Corn has had its first working. Wheat and oats look good. Last year's acreage of Kafir about doubled. Grass is good and all stock doing well.—H. H. Roller.

Grant County—Fine growing weather and everything doing well. Wheat is the largest and rankest we ever saw. Oats and corn growing fast. Considerable Kafir had to be replanted. Heaviest spring crop of alfalfa ever harvested here and is selling at \$10 baled. Trees are full of fruit.—A. C. Craighead.

The New Heider Catalog Free.

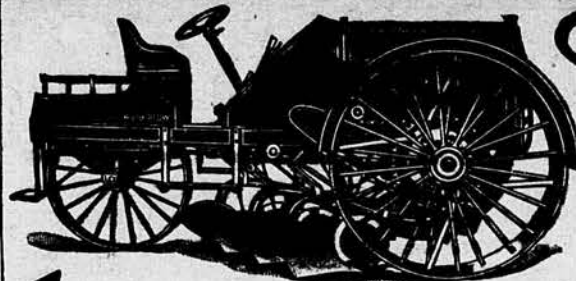
Every progressive, up-to-date farm owner should become familiar at once with the time and labor saving possibilities that are possible with the Heider Tractor. This remarkable tractor, which costs less than eight horses, has revolutionized farming in the Central West. It eliminates the hard work of the past and overcomes the labor



difficulties inasmuch as it does all the work on the farm from running a cream separator to threshing and meets all the power requirements of the farmers in the great West. Briefly stated, the Heider Tractor is the farm hand and work horse of the present and future and we suggest to our readers that before buying any tractor they investigate the Heider by writing for free illustrated descriptive catalog. Address Heider Mfg. Co., 455 Main street, Carroll, Iowa.

A Useful Invention.

Crane & McCullough are introducing in Kansas what seems to be a most convenient and useful invention, viz: the New Era Rope Maker. This machine, sold at moderate cost, will enable any farmer to make all the rope he may require of any size or length and at a cost about 50 per cent of what he would have to pay for rope at the store. The machine can also be used for making wire cables of any length and size up to an inch in diameter. The Mail and Breeze believes this a good thing and that every farmer will find it not only a convenience but a money saver.



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The only "One Man Machine" on the market that can be used for plowing, as a stationary engine for power purposes, and as a tractor for hauling loads, etc.

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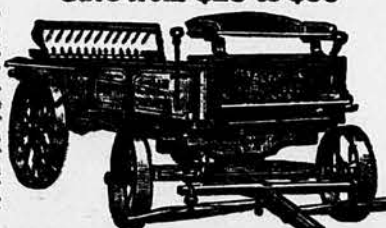
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Save from \$25 to \$50



Now! Join the growing army of money-saving Galloway customers and keep the middlemen's slice of the melon at home—in YOUR home—where it rightfully belongs. I've beaten the middlemen at every step—quality, price, service, satisfaction, and I am now handing them another jolt by making this "10 or more men" proposition. Take advantage of it quick. Write a postal. Say whether you're interested in a spreader, separator or engine. I'll also mail you free, my money-saving catalog of everything needed on the farm.

WANTED 10 OR MORE MEN IN EVERY TOWNSHIP!

SEND me your name tonight sure! My proposition to 10 or more men in every township has got the middlemen all buffaloed! They know the farmers have been coming to Galloway stronger and stronger. And now this "10 or more men" proposition caps the climax.

Now! Join the growing army of money-saving Galloway customers and keep the middlemen's slice of the melon at home—in YOUR home—where it rightfully belongs. I've beaten the middlemen at every step—quality, price, service, satisfaction, and I am now handing them another jolt by making this "10 or more men" proposition.

Stop!

The \$25 to \$50 you save on a spreader by accepting this great offer to "10 or more men" in every township is not your greatest advantage. Get the new Galloway Spreader with Mandt's New Gear because it has eleven distinct features which make it the best spreader in the world regardless of price. Just let me send you my fine spreader book and "10 or more men" offer to prove quality and the savings I make you. I'll also mail you "A Streak of Gold"—my latest and greatest book—worth real money to you if you have manure to spread. It tells about a gold mine right on your farm and tells how to cash in its fullest value.

Look!

Get this Galloway Bath In Oil Cream Separator on your place and make the dealer show you wherein his machines are worth \$20 to \$40 more than my price! He can't! Quality is the result of finest materials, skilled workmanship and accurate automatic machinery. Beyond that no one can go. Why pay \$20 to \$40 in tribute to the many Profit System?



Listen!

\$25 to \$300 is what I save you on an engine, quality for quality—size for size. Let me prove it at my risk. I want to show you that Galloway Engines can't be beat—that they've got the quality, the power, the simplicity, the reliability and durability you want. Middlemen knock Galloway Engines because they are afraid of such competition. Get the facts. Write today for my big engine book and special offer.

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MARKET PROBABILITIES

Grain Fed Cattle May Hold Their Price, But a Break in Grass Fat Beef Is Looked For—Heavy Receipts Keep Hogs Weak—Corn and Wheat Show Strength, But Hay Is On the Slide.

[Written Specially for the Farmers Mail and Breeze.]

There was a fairly liberal supply of southern grassers in both St. Louis and Kansas City Monday. The latest new record added to the list was 20 steers at \$8.45 in Kansas City. They came from below the quarantine line and brought the highest price ever recorded. Prime mature steers sold at \$9 and better on all the markets. The livestock market must undergo a readjustment. The trend in prices which has been upward for two months past cannot be maintained much longer, and there are factors ready to influence a tendency downward. There may be no break in store for grain-fat cattle, because they are scarce, but values on grass-fat steers are in for a seasonable decline. Lower prices for them will reduce the cost from medium to fair fed grades. A little more than two weeks ago Texas began marketing steers fed cake on grass and straight grass and it is estimated that about 250,000 to 300,000 of them will be available during June and July for the Fort Worth, St. Louis and Kansas City markets. If prices at these points slump materially some will go on through to eastern markets. With a shortage showing in both St. Louis and Kansas City it is quite evident that most of them will find an outlet in the West. At present the grass-fat steers are selling at \$5 to \$6.25, and the cake variety up to \$7 or better. As the season advances they should show better quality. Regardless of what future changes may occur, the past week established high record values for this season of the year. In Chicago the top price was \$9.40, in Kansas City \$9.25, at the other markets \$9 to \$9.15. Other incidentals in the price line were yearlings at \$9, steers and heifers mixed \$8.50, heifers \$8.25 and cows \$7.75. The bulk of steers would figure between \$7.75 and \$9 per 100 pounds. Though killers are complaining of the unusual high cost of the beef, and consumers even more so, there has been active trading. There will be no cheap beef to ballast down the trade for winter, and it will require large feeding operations this fall for supply to keep up with demand.

Fed Butcher Cattle Needed.

When grain falls to show in butcher cattle, buyers have been afraid to take hold, consequently the greenish classes of cows and heifers have declined some in the past week. For the good fed grade the trade is active, and prices ruled a little higher. The most urgent demand is for the fed heifers and steers and heifers mixed. Record prices are being paid for them at all the markets, and according to reports the supply will not last much longer. Veal calves are recovering from the avalanche from the dairy district that swamped the market in April and prices are up 25 to 50 cents. Bulls are quoted firm.

Quality Line Drawn on Stockers.

Thin cattle in all weights and with quality are selling as high as ever, but the common kinds (and they predominated the past week) were quoted down 40 to 50 cents. When feeders pay high prices they demand quality. Some of the common kinds look like bargains in comparison, but buyers say they are the most expensive of the two. Few good western feeding steers are available.

Hog Market Weakened Again.

Fairly liberal receipts on Monday sent prices for hogs to new low levels since March 24. At all markets prices were quoted 5 to 10 cents lower than Saturday. The top price for hogs in St. Louis and Chicago was \$7.75; in Kansas City and St. Joseph, \$7.65, and Omaha \$7.60. Bulk of hogs sold at nearly uniform prices at all markets, and largely at \$7.40 to \$7.60. Two weeks ago, when prices for hogs were close to the 8-cent level, the supply was small, but those prices had the effect of increasing receipts last week and the market promptly declined. Eight dollars seems to be the limit of packers' money, and though the talent is confident of higher prices later, packers will be able to control the market on that basis for a few weeks. Omaha and Chicago are showing decreases, and St. Louis and Kansas City continue to fall behind. There are relatively fewer hogs in Missouri and Kansas than any other states. The decline did not hit the hog market until the middle of last week, when provisions were down 35 to 50 points. Later they made a partial recovery. Packers

are moving hogs from one market to another. Omaha and northern markets are sending a good many hogs to river points, and some are being reshipped to eastern markets. However, prices at all points are too near uniform to permit of a very big speculative turn at any of the markets.

Sheep Market on New Basis.

Moderate strength developed for sheep, though prices were not materially changed from last week. Practically all the offerings were grassers. The sheep market now is practically on a summer basis. That is, most of the offerings coming are grassers seasoned with a sprinkling of spring lambs. There are a few fed woolled and clipped lambs still available, but next week will see that supply disappear. Texas is the principal supply source for western markets at this time. A slump in prices two weeks ago reduced the movement last week and the market rallied strongly, in some cases gaining 25 to 40 cents. The first rush to market is over, and a more seasonable movement is expected for the next few weeks, insuring better markets. Some southern spring lambs have reached Louisville and St. Louis, but none went to northern markets. According to reports the southern lamb crop is about 25 per cent short this year, and a high summer market is predicted for the baby ovine stock. The abundance of good grass in the West, if continued, will reduce the available supply of feeders this fall materially.

Movement of Livestock.

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

	Cattle	Hogs	Sheep
Kansas City	23,475	51,500	40,100
Chicago	42,600	153,000	68,000
Omaha	10,500	71,100	16,300
St. Louis	14,400	40,000	13,800
St. Joseph	6,200	37,900	5,000
Total	97,175	353,500	141,200
Preceding week	88,830	344,500	150,500
Year ago	128,700	389,300	180,300

The following table shows receipts of cattle, hogs and sheep at the five western markets Monday, May 27:

	Cattle	Hogs	Sheep
Kansas City	5,800	10,100	10,600
Chicago	20,000	53,000	22,000
Omaha	3,000	7,600	8,800
St. Louis	2,200	10,000	2,500
St. Joseph	1,800	8,000	2,000
Total	32,800	88,700	45,900
Preceding week	34,080	87,700	41,400
Year ago	44,100	71,710	30,000

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..	\$9.40	\$6.40	\$7.67 ½	\$6.20	\$7.50	\$6.85
Kan. City	9.25	6.15	7.70	6.15	6.00	6.00

Diversified Demand for Horses.

Regardless of the approaching warm weather there is a strong demand for all horses with quality and weight. The Mexican government is buying some horses, rumor places the number at 2,000. Eastern demand is still good, entirely for chunks and drafters. There is a large amount of construction work going on that requires heavy mules. Receipts continued light, largely because farmers are too busy to pay any attention to selling horses. There will be an improved demand just before harvest begins.

Grain Rallies; Hay Slumps.

Early last week prices for grain were down several cents and demand was indifferent. Later in the week reports of damage to the growing crop turned the market up, corn selling up to 87 1/4 cents, the highest price this year. Oats did not follow the lead of corn and wheat. New alfalfa began moving freely this week, and prices slumped about \$6 a ton. Other hay was off 50 cents to \$3 a ton. Prairie and timothy declined the least.

The following prices prevail for grain in Kansas City and St. Louis:

	Wheat—	Kansas City	St. Louis
Hard No. 2...	\$1.11	@1.15	\$1.14 @1.17 1/2
Soft No. 2...	1.15 1/2	@1.16 1/2	1.16 @1.20
Corn—			
White No. 2...	.85	@.86	.86 @.87 1/2
Mixed corn...	.82	@.82 1/2	.83 @.84 1/2
Oats—			
No. 2 white...	.54	@.54 1/2	.55 1/2 @.55 3/4
No. 2 mixed...	.51	@.51 1/2	.54 @.54 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
1912 1911 1912 1911 1912 1911			
Chicago...	\$1.21	\$1.03	\$1.04
Kan. City..	1.16	.93	.84 1/2

Seeds and Broomcorn.

Sorghum, amber, \$1.50@2.00 per cwt.; sumac, \$1.40@1.85; broomcorn dwarf, \$1.40 @1.50; standard, \$1.30@1.45; cowpeas, New Era, \$1.90@2.10; Whippoorwill, \$2.10@2.25; millet seed, \$3.00@3.15; clover seed, \$12@20; timothy, \$10@15; alfalfa, \$10@14; flaxseed, \$2.00@2.10; seed corn, bulk, 95c@1.40 a bushel; Kafir corn, No. 3, white, \$1.36@1.40 per cwt.

Butter, Eggs and Poultry.

Elgin, May 28.—Butter this week firm at 25 cents.

Kansas City, May 28.—Prices this week on produce are:

Eggs—Firsts, new white wood cases included, 16 1/2 c a doz.; seconds, 13c.
Butter—Creamery, extras, 26c a lb.; firsts, 24c; seconds, 23c; packing stock, 19c.
Live Poultry—Broilers, 1 1/2 to 2 lbs., 30c a lb.; under 1 1/2 lbs., 25c; hens, 12c; roosters, 7 1/2 c; turkey hens and young gobblers, 12c; old toms, 10c; culls, 7c; ducks, 12c; geese, 5c; pigeons, 60c a doz. Dressed poultry sells for about 1 1/2 to 2 1/2 c a lb. above live stock quotations.

Poultry Prices Now and One Year Ago.

	Butter	Eggs	Hens
1912 1911 1912 1911 1912 1911			
Chicago....	25	23	17 1/2
Kan. City..	26	20	16 1/2

Eastern Colorado Lands.

Eastern Colorado, in the year 1911, had one of the worst seasons in its history. But regardless of that fact, its future stands out much brighter today than ever before. In the territory embracing Lincoln and Elbert counties will be found one of the best grazing, alfalfa and general farming territories to be found in the West. This territory embraces what is known as the rain belt or divide country, where everything is raised without irrigation. During the past severe winter, the cattle in this territory went through the winter without being given any feed whatever and in many cases came through ready for the butcher block. In this territory is to be found shallow water land, suitable for the growing of alfalfa. This land can be bought for around \$20 per acre. Alfalfa averages four tons per acre, per year. Last year the farmers were able to net \$35 per acre from their alfalfa. The divide or upland produces fine crops of corn, potatoes, winter wheat, all spring grain and garden products in large quantities. An investigation of this country will prove that this is the place to make money in general farming, dairying and ranching. For particulars concerning the value of lands in this part of Colorado, we refer you to Carl M. Cook, Limon, Colo.

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. L. ROOT COMPANY, BOX 219, MEDINA, OHIO.

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Iron Pumps	1.80	
Steel Tanks	2.70	
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With Base Anchor and Inner Anchoring Hoop

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New Era Ball-Bearing Rope Machine

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Kouns' Galvanized Steel Stackers, Rakes and Sheds Make Good Hay. LET ME SHOW YOU. Wesley Kouns, Dept. A, Salina, Kansas

As a Candidate For Governor of Kansas These Are the Things I Stand For

For revision of taxes downward—on city, county and township as well as state taxes.

For the strictest economy in public expenditure—a dollar's worth of service for every dollar of the people's money.

For all legislation which eliminates useless officials, clerks, commissions and boards, usually created to give jobs to political leeches and grafters.

For the civil service and merit system in the transaction of all business of the state.

For consolidation of boards and other public offices wherever possible.

For salaries for county officials instead of the present fee-grabbing system.

For a more efficient primary law, including a presidential preference, and the fullest publicity to campaign expenses and contributions, and the elimination of the slush-fund in politics.

For government by the people and not the bosses, the politicians and favored special interests.

For the election of state and county officers for a term of four years, subject to recall, and making state officers ineligible for more than one term.

For the election of United States senators and all officials by direct vote of the people, and for the non-partisan election of judicial officers.

For abolition of life terms of office of federal judges and substitution thereof of limited terms.

For an amendment to the present inheritance tax law, exempting all direct heirs up to \$25,000.

For the state publication of school books and distribution to patrons at actual cost.

For the Initiative, Referendum and Recall.

For a practical, sensible good roads law, that will do away with the wastefulness and inefficiency of the present system.

For the assessment of real estate every four years, and abolishment of the office of county assessor, except in counties where the office is created by vote of the people.

For less technicality and speedier justice in courts.

For legislation to increase the efficiency of the rural and grade schools.

I am opposed to the resubmission of the prohibitory amendment and am for the strict and impartial enforcement of all the laws of the state without fear or favor, for rich and poor alike.

For a law to give to a convict's dependent family a portion of his earnings while in the penitentiary.

For more farmers and business men and fewer lawyers and politicians for legislative work.

There are too many useless and foolish laws in this state. I favor their repeal or revision.

I favor prison for the big thieves as well as the small ones, and am opposed to paroles for bankers.

For substantial tariff reductions to the lowest basis that will support the American standard of wages.

For a law that will effectively stamp out the white slave traffic.

For public officials who respect their oath of office and who regard their campaign promises as a binding agreement with the people who elect them.

If you believe this is a platform farmers should vote for and support I shall be glad to have you mark it or clip it from the paper and hand it to your neighbor.

Arthur Capper

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.
J. W. Johnson, Beloit, Kan., Kansas and Nebraska.
C. H. Walker, Kansas, Missouri and Nebraska, 1015 Central, Kansas City, Mo.
Geo. W. Berry, E. Kansas and southern Missouri, Capper Bldg., Topeka, Kan.
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 7—Jos. Miller & Son, Granger, Mo.

Berkshire Hogs.

Aug. 27—J. T. Bayer & Sons, Yates Center, Kan.

Poland China Hogs.

Aug. 7—John B. Lawson, Clarinda, Ia.
Aug. 8—J. W. Pfander & Sons, Clarinda, Ia.
Aug. 9—L. R. McLarnon, and J. O. James, Braddyville, Iowa.
Aug. 28—A. B. Campbell, Geary, Okla.
Oct. 2—Herman Groninger & Sons, Bendena, Kan.
Oct. 15—H. C. Graner, Lancaster, Kan.
Oct. 16—H. B. Walter, Effingham, Kan.
Oct. 18—W. E. Long, Meriden, Kan.
Oct. 19—C. L. Branic, Hiawatha, Kan.
Oct. 22—Jno. W. Noll, Winchester, Kan.
Oct. 23—W. E. Epley, Diller, Neb.
Oct. 24—L. E. Kline, Zeandale, Kan.
Oct. 25—J. J. Hartman, Elmo, Kan.
Oct. 26—R. B. Davis, Hiawatha, Kan.
Nov. 1—Walter Hildwein, Fairview, Kan.
Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.
Nov. 13—Herman Groninger & Sons, Bendena, Kan.
Jan. 30—C. W. Jones, Solomon, Kan.

Duroc-Jersey Hogs.

June 4—J. J. Baker, Independence, Kan.
Aug. 31—J. R. Blackshear, Elmdale, Kan.
Sept. 4—W. R. Huston, Americus, Kan.
Oct. 19—H. B. Miner, Le Rock, Neb.
Oct. 23—P. H. Pagett, Beloit, Kan.
Oct. 26—E. M. Myers, Burr Oak, Kan.
Oct. 29—W. W. Bales & Sons, Manhattan, Kan.
Oct. 30—Thompson Bros., Garrison, Kan.
Jan. 22—Thompson Bros., Garrison, Kan.
Feb. 5—Samuelson Bros., Cleburne, Kan.
Feb. 6—Samuelson Bros., Blaine, Kan.

O. I. C. Swine.

Oct. 24—R. W. Gage, Garnett, Kan.

Kansas and Nebraska.

BY J. W. JOHNSON

H. H. Shaw, Hebron, Neb., is advertising some fall Duroc-Jersey boars and a few choice sows. Also spring pigs at weaning time.

A. L. Albright, Waterville, Kan., has some choice fall Poland China boars for sale and also some yearling boars. Real herd header material. Prices to move them quick.

P. H. Pagett, Beloit, Kan., one of the best known breeders of Duroc-Jerseys in the state and secretary of the Mitchell county fair, has over 200 March and April pigs that are coming along in fine shape. Remember this herd when you get ready to buy a boar.

S. B. Amcoats, Clay Center, Kan., has some choice Shorthorn bulls for sale. Some are pure Scotch and the others are Scotch tops. Roans and reds. They are a choice lot of young bulls ready for service. They will be priced right considering quality. You can't possibly do better than investigate Mr. Amcoats's offering if you want a well bred Shorthorn bull ready for service.

W. E. Epley, Diller, Neb., is a breeder of strictly big type Poland Chinas. His herd

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Some few years ago I made a yearly contract for a one inch ad in Farmers Mail and Breeze. This is the first advertising we had ever done in papers. We attribute our great success to this start. At present we are advertising in all your publications and expect to continue. Our ad also runs in about forty other leading papers. We consider the Mail and Breeze next to the best of all other papers we advertise in as a result bringer. Yours truly,

GRAHAM BROS.,
Real Estate Dealers,
Eldorado, Kan., Nov. 13, 1911.

Farmers Mail and Breeze, Topeka, Kan. My ad that I have been running on livestock has given good returns. I have had many inquiries and made two sales through it. Will be with you again later on. BEN ANDERSON,
Breeder of D. S. Polled Hereford Cattle and Poland China Hogs,
Knox City, Mo., Jan. 4, 1912.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

is one of the real good ones of southern Nebraska. He has a nice crop of March and April pigs that are coming along in fine shape. He will also have a number of sows to farrow in the next few weeks. Remember that W. E. Epley (the hog man) will be ready to price you a boar any time after July 1.

The Best of O. I. C. Swine.

F. C. Gookin, Russell, Kan., is a breeder of O. I. C. swine at that place. He has been engaged in the business for a number of years and has shipped purebred hogs to several states. He has advertised in Farmers Mail and Breeze occasionally for the past two or three years and arranged last Monday for a card to run regularly by the year. His herd boar is registered as King and was sired by Jackson Chief 2d and was bred by W. H. Lynch of Reading, Kan. He has a number of good herd sows of popular breeding and is offering for immediate sale one fall boar and one yearling. All his stock is registered in the National association. Mr. Gookin is a young man that impressed us as up to date and being a good stockman and farmer. He owns a nice farm near Russell and is putting out more alfalfa this spring. He is in the O. I. C. hog business to stay and will have stock to sell right along. He ships nothing but good animals and has been very fortunate in giving perfect satisfaction wherever he has made sales.

Col. Young, of Glasco.

In this issue we are starting the advertisement of Col. S. B. Young of Glasco, Kan. Col. Young is probably as well known to the breeders of central Kansas as any auctioneer that has been in the business for years. He has bred Shorthorn cattle and Poland China hogs at Glasco, Kan., for years and has made a success of the business. This spring to close up a partnership he dispersed his herds and expects to be in the business again in a short time. He "hung" out his shingle as an auctioneer this spring and has received flattering encouragement. An auctioneer, especially of fine stock, should have a knowledge of purebred animals and should have a good acquaintance among breeders, both of which Col. Young has. He is one of the best boosters for better farm animals in the country and popular with the breeders and farmers. Write him for dates. If you have already made arrangements for your auctioneer you better get Col. Young to help as he will make good on your sale.

The Best of Breeding.

J. M. Baler, Elmo, Kan., veteran breeder of Poland Chinas, was visited one day last week. Joe, as usual, was mighty busy but not too busy to visit with the "paper man" a little. Mr. Baler is a regular advertiser in Farmers Mail and Breeze. His herd was founded a number of years ago and some of the best blood lines known to the breed was, and is still owned on this farm. Tom Lipton, by Grand Chief, Welcomer, by Tom Lipton, Iron Clad 2d, by old Iron Clad, Star Pointer, by Masticator, dam Thistle Top, the dam of Meddler 2d 11111, are boars that are doing service in his herd at present. About 50 spring pigs are coming along nicely. Twenty fall gilts with some boars of the same age are for sale. Also some tried sows. If anyone is looking for a herd boar that is bred in the purple and a boar that has already made a record as a breeder they will find just such a boar in Mr. Baler's herd that can be bought worth the money. Address J. M. Baler, Elmo, Kan.

Hartman's Good Poland Herd.

J. J. Hartman, Elmo, Kan., is a breeder of big, smooth Polands, and is making good. He has 150 March and April pigs, sired by two boars that would please the most exacting. One is Hartman's Hadley, by Knox All Hadley, a big massive fellow with lots of size and quality. His grand sire was Big Hadley. The other boar is Blue Valley Jr., by Blue Valley's Quality. His dam was by Expansion and he was bought of Thos. F. Walker & Son, Albia, Neb. Mr. Hartman is offering for sale some choice fall boars and some fall gilts as well. He has claimed October 25 for his boar and gilt sale and will have some fine boars and gilts for this sale. You want to keep this sale in mind if you want a good boar. Most of the herd sows are by Knox All Hadley, considered by Mr. Hartman one of the best breeding boars he has ever known. This boar is the property of A. R. Enos and stands at the head of his good herd. John Hartman is a bright, capable young breeder who is making a splendid success of the Poland China business. He is also a good farmer and is making money. If you want a fall boar that is of good size and a good individual and bred right at a bargain you better write Mr. Hartman and mention Farmers Mail and Breeze when you write.

Captain Hutch and Company.

"The Home of Captain Hutch" was visited again last Monday. C. W. Jones of Solomon, Kan., is the owner of one of the best modern big type Poland China herds in the country and while the foundation stock of this herd has cost him a small fortune it is nevertheless a paying proposition. He is demonstrating every day that there is more money in the best that can be bought or produced, by selling to prominent breeders in several states. "Captain Hutch," the great breeding boar that made two herds prominent before Mr. Jones bought him, is readily conceded close to the top with the big sires of the present time. I believe that this herd contains some of the greatest sows, individually, that can be found in the western states. They are also good producers as you would be glad to admit if you could see this season's crop of 200 pigs. During the past two or three years Mr. Jones has been quietly picking up choice young sows from the big herds over the country regardless of price and today his herd ranks with the best in any of the western states. While he was buying the best he was also getting ready to take the best of care of them. Over \$1,000 was put in a hog house that is a model of perfection. An abundance of alfalfa pasture with

lots of shade and running water makes it an easy matter to grow out a crop of pigs to the very best advantage. Among the great sows on the farm is Miss Mollie, by Ovation, by Expansion. Her dam was Mollie S., by Combination Chief. She is a show sow of note, was first in class, senior champion, grand champion, at Topeka and elsewhere last season. She was first at St. Joe and the Missouri State Fair the year before. She is a fine producer and has a dandy litter by Captain Hutch this season. Grannetta is another great sow in this herd. She is 10 years old. In 1909 she farrowed and raised 23 pigs and 21 of them were sold and are all living today. Pan Princess is another great sow that has made a record for this herd and that is one of the valuable herd sows owned by Mr. Jones. There are others just as good but space will not permit us naming them all. Another herd boar that I thought a great deal of is King Hadley, by Big Hadley. Mr. Jones's advertisement can be found in Farmers Mail and Breeze all the year round and if you are looking for the best you better write for his private sale catalog. He always has something for sale and prices it right. His fine 400-acre farm is three miles out from Solomon and visitors are always called for at Solomon and made mighty welcome while at "the home of Captain Hutch."

Great Collection of Sows.

The Higgins Stock Farm, Abilene, Kan., is today the home of a collection of Duroc-Jersey sows with their litters of March and April farrow that it would be hard to duplicate anywhere. John Higgins started to build up a herd of Durocs about three years ago and bought in a number of bred sow sales. Last season he had the misfortune to get disease in his herd and was forced to market what was not lost. It was then he decided to establish as good a herd as money would buy. He got in touch with Mr. Grant Gaines, fieldman for Farmers Mail and Breeze in Iowa, and with his assistance bought 16 head of sows in the leading bred sow sales of that state. They represented prize winners and were many of them prize winners themselves. From these sows he has 50 March and April pigs and they are a showy bunch and seem to feel the importance of the blood lines which they carry. Mr. Gaines is now looking for an outstanding herd boar which will be added to the collection of prize Duroc-Jerseys. The writer believes these to be collectively the best Duroc-Jersey sows he has seen in several years. Mr. Higgins feels very kindly towards Mr. Gaines, who was in touch with the best herds in Iowa and able to assist Mr. Higgins while he was in that state looking for the best. Mr. Gaines also bought several head for him later on and they were real bargains. The Higgins Stock Farm numbers 240 acres and is a model stock farm with plenty of range and pasture. We will have more to tell you about the breeding of these sows later on.

Write Dunn for Durocs.

J. Lee Dunn, Russell, Kan., has carried an advertisement in Farmers Mail and Breeze for the past year and has made sales in Kansas and Oklahoma from his fine herd at that place. He has found the Farmers Mail and Breeze a good medium and arranged to carry his advertisement in it another year when we visited him last Tuesday. He has two herd boars in service that any breeder might feel proud to own. One is Wonder's Proud Chief, by Wonder's Advance, he by Red Wonder. His dam was Miss Ohio Hanley, by Hanley Lad, Saline Valley Col. by Riverbend Col. is the other one. His dam was Beauty's Lady 1st, by Beauty's Wonder. We found 18 herd sows in Mr. Dunn's herd that have been bought, or reserved, with care. They are a useful lot of sows that are good mothers and valuable in every way. Fifty-five pigs, of March and April farrow, are coming along in good shape. They are not being crowded but are being grown with plenty of range and will prove a showy lot by October. Mr. Dunn has an ideal hog farm on the Saline valley with plenty of running water and range. He owns a big farm which is on the river bottom where alfalfa grows as good as it does anywhere in the world. He has the best of prospects for crops and is a prosperous young farmer and breeder that it is a pleasure to meet. He has only been on his new farm three years and is improving it substantially. He has built one of the best stone residences in that part of the county and other improvements are to follow. His herd of Duroc-Jerseys are kept up to date by buying new blood every year. He will sell all of the best of this season's crop of pigs at private sale. Write him about a boar or a few gilts.

Walbridge Type of Polands.

While at Russell, Kan., last week we again had the pleasure of a visit at L. C. Walbridge's big 3,200 acre farm, which is located in the north half of Russell county. That part of this big farm which is known as the home place is one of the prettiest spots the writer has ever seen. It is located on the Saline river and has an abundance of timber with the Saline river, which is one of the prettiest streams in Kansas, running through it. The river at this point is shallow with a stone or gravel bottom. Mr. Walbridge settled on this farm 38 years ago and has lived there ever since. He has seen Russell county, then a desert, take its place with the good farming counties of the state with land selling for good prices and in demand. Mr. Walbridge is a progressive farmer with up to date ideas about farming and stock raising. Most of his big farm is farmed by tenants and only those who want to make money and farm in the right way are kept. Mr. Walbridge has out a large acreage of wheat and estimates that he has 900 acres that he would call a good prospect for a large yield. We visited Mr. Walbridge to write up his herd of Poland Chinas and found the usual number, less the loss occasioned by the unfavorable weather of February and March. Mr. Walbridge has his own ideas about type and is a critical buyer of a type that has both size and quality. While he is a stickler for plenty of size he also contends that the profitable hog must have more quality than many that are being pushed to the front because of their immense size. Anyone that will go through Mr. Walbridge's herd, which is

LIVESTOCK AUCTIONEERS.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

COL. L. R. BRADY, Livestock Auctioneer
Manhattan, Kan. Write or wire for dates.

Col. S. B. Young, Glasco, Kan.
Livestock Auctioneer. Write for dates.

SAM W. KIDD, Live Stock Auctioneer
Kansas City, Mo.
"A rising star," Col. F. M. Woods, 1903.

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.

T. E. GORDON, WATERVILLE, KANS.
Livestock and Real Estate Auctioneer.
WRITE 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."

Oklahoma Auction School
Col. O. R. Lilley, President.
Best in World. CATALOGUE FREE.
Next Term Opens August 5, 1912. Address, GUTHRIE, OKLA.

Col. Oscar H. Boatman
Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

BERKSHIRES.
FOR SALE—50 BERKSHIRES OF QUALITY
40 March and April pigs by Second Masterpiece, 30 at \$15 each or \$25 per pair. Balance show prospects, \$150 per five; something fancy. A few gilts and two October boars at \$25 each. Two October boars, by Second Masterpiece, and one by B. D.'s Centerpiece, fancy herd headers, at \$50 each. Yearling boars at from \$25 to \$50 each, also a few gilts bred to farrow in May and June at reasonable prices.
J. T. BAYER & SONS, Yates Center, Kansas.

WAITE'S BERKSHIRES.
Choice young Boars and Gilts, also tried sows. Most famous Berkshire 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 Farm Berkshires
BRED SOWS
A good lot of sows and gilts bred to the best boars for summer litters. Boars and sows at farmers' prices. Choice last fall pigs by Artful Masterpiece, and a splendid crop of spring pigs that will please you.
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.

always one of the large ones of the state, will agree that he has established a type that is easy feeding, quick maturing and profitable for the farmer and likewise for the breeder. Mr. Walbridge is a seeker after information and has tried out about all the methods, types and ways of handling his herd to make it more profitable and the type he approves of and is adopting is summed up about this way, the biggest smooth Poland China you can produce. Later on we will have more to say about the blood lines and breeding in this herd.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Prairie Springs Polands.

C. L. Branich of Hiawatha, Kan., writes that his new herd boar, O. K. Lad 58098, is doing fine and that one of the leading breeders of the state who saw the boar recently pronounced him the best boar in the state. This is a pretty strong statement, but there is no question but that Mr. Branich has one of the top boars of the breed. O. K. Lad is bred in the purple, carrying some of the best big blood known to the breed. He is by Pawnee Lad and out of a dam by Big Prospect. Mr. Branich writes that he stands 37 inches high, measures 75 inches heart and flank, has a 10 1/2 inch bone, and is as smooth as a pig two weeks old. Mr. Branich has a choice lot of spring pigs sired by leading boars and by his other herd boar, Exalter's Wonder, by Groninger & Son's Exalter and he by old Expansive. Note change of copy in Mr. Branich's advertising and write him your wants. Kindly mention the Mail and Breeze when writing.

Bargains in Hampshires.

J. R. Lawson of Ravenwood, Mo., to whom the readers of this paper are familiar as being one of the West's leading Hampshire breeders, is making especially attractive prices on a few yearlings and tried sows bred for August and September litters. The most of these yearlings are by Col. Allen 2d 5191, and are bred to Corrector 8913, he by Sharpe's great show boar, Night Rider. Considering quality and the many points of advantage offered in this breed of hogs the prices asked by Mr. Lawson are unusually attractive. Mr. Lawson says that 20 per cent of all the hogs gone on the market the past season have been Hampshires and he points this out as being an indication of the growing popularity of the breed. He claims for them that they are the strongest constitution, very prolific, great rustlers and that their value as a bacon hog cannot be surpassed. This offering should be snapped up quickly for at the prices offered they won't last long. Look up Mr. Lawson's change of copy in this issue and write him for further particulars. Kindly mention the Mail and Breeze.

Nevius' Big Shorthorn Sale.

Undoubtedly one of the most important auctions of Shorthorn cattle to be held in the West this year is the C. S. Nevius sale to be held at Chiles, Kan., Thursday, June 6. This sale is important for several reasons. The main feature, of course is the

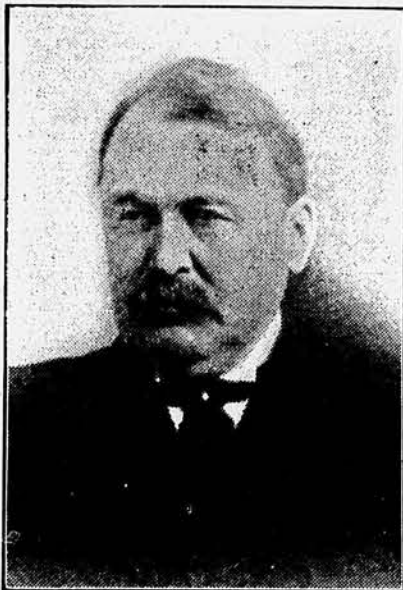
fact that buyers will have an opportunity to make selections from one of the country's best herds and from an offering of 50 head, the equal of which has never been offered from this herd. And the Nevius herd, by the way, has sold some of the very best cattle put up at public auction during the past five or six years. But aside from the high class lot of cattle to be sold this sale is important to the breeding fraternity as a whole. The Nevius herd has long been recognized as one of the leaders in the business. Too much credit cannot be given the owner of Glenwood for the work he has done and is doing for the improvement of the breed by actual producing of superior cattle and for his work as a booster and a champion of this great breed of cattle. The popularity of the breed and its continued high development has been made possible by the breeders of Mr. Nevius's type, who through the depressions have kept wide awake and have never lost an opportunity to do something which would push their favorite breed and maintain its high standard. This coming sale is important to every lover of Shorthorns for the reason that the price level in this sale will be a criterion of the coming year's business and every breeder and admirer of the red, white and roan should lend the sale his support and interest and by so doing help both directly and indirectly his own business. Mr. Nevius isn't soliciting support for any sentimental reason and is in a position to supply the trade with the very best that has been produced, but the breeding fraternity owes it to the men who have fought the battles under heavy odds. It would be a great thing to see a Shorthorn rally at Glenwood on June 6. Mr. Nevius wants you there whether you buy or not. The offering throughout is one of the best balanced of any to be sold this year. Mr. Nevius always has sold a class of cattle that have proven out and been big money makers for the buyers. This offering is one of the most valuable ever offered from the herd. Of the offering Mr. Nevius writes: "These cattle are just coming into their usefulness, none have broken service for four months and being bred to the bulls previously mentioned the buyers can see by the calves on the farm just what they may expect. Calves sold at foot in our past sales have grown out and sold as high as \$600 and others at this time cannot be bought for \$1,000. We will have out in our show herd this fall full brothers and sisters to the cattle to be sold that will make others sit up and take notice. By so doing we will make the future owners of the cattle to be sold big money by the show records and advertising." It would take columns to describe each animal that deserves special mention. The females are of the typical Nevius quality and breeding worth for \$1,000. These hogs are of such quality and contains such herd bull prospects that money considerations should not stand in the way. If you want a really high class herd header this sale offers the opportunity. Females bred to Searchlight and the other top bulls in the herd and the individuals by such bulls are the last word in useful, prolific, show and breeding Shorthorns. The catalog gives full information or a card to Mr. Nevius regarding any certain numbers will be promptly answered. Get the catalog now by kindly mentioning the Mail and Breeze to him.

Kansas and Missouri

GEO. W. BERRY.

Robt. H. Hazlett, Hereford Breeder.

A few minutes' drive from Eldorado, the county seat of Butler county, Kansas, leads to Hazford Place, the home of Modern Herefords, the property of Robt. H. Hazlett. Hazford Place consists of several hundred acres of undulating pastures and meadows situated between the West and East Branches of Walnut river. Alfalfa and native grasses grow luxuriously. Last year, which was one of the most unfavor-



Robt. H. Hazlett, breeder of Modern Herefords, Hazford Place, Eldorado, Kansas; chairman of the executive board American Hereford Association; member board of directors Kansas Improved Stock Breeders' Association; and president American Royal Livestock Show.

able crop years, owing to the unusual dry, hot summer, in the state's history, over 1,000 tons of surplus hay was sold from the farm after reserving plenty for the cattle, horses and mules which are fed on the place. The pastures on this place and near by are the best to be seen anywhere in the cattle raising districts of the West. Adjacent pastures in this and adjoining herds and support a greater number of cattle perhaps than any equal area in the United States. Hazford Place is an ideal location and it is the appropriate home of the splendid herd of Herefords in which the owner may justly take pride. Any admirer of good cattle and any student of the principles of breeding will enjoy a visit

O. I. C. SWINE.

O. I. C. HERD BOARS OR BRED SOWS By O. K. Winner, winner of 12 firsts, 4 champion and 4 grand champion ribbons in 20 shows, and Chickasaw Model, second prize winner at Lincoln. Sows bred to these boars and Keep On Winner. Priced for quick sale. H. L. BODE, FRIEND, NEBRASKA.

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. II 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.

Spring Boars Ready to Ship

Unexcelled in breeding and quality. A few from State Fair prize winners. Order while young and save express. For prices on young stock address C. O. ANDERSON, MANHATTAN, KANSAS

Walnut Grove Breeding Farm Pigs sired by B & C's Colonel 80587 and Buddy's Bud 111823. Write for particulars. R. C. WATSON, ALTOONA, KANSAS.

HEBRON FARM DUROCS

Some good fall boars for quick sale. Also a few good sows. H. H. SHAW, - HEBRON, NEBRASKA.

Our Inquirer On a Postal Card

from Bennington, Oklahoma, dated May 18th, 1912, forgot to sign his name. Will he please send name so we can reply. E. B. TILSON, Concordia, Kansas.

COLLEGE HILL HERD DUROC JERSEYS.

March and April pigs priced at three months old. Tatarax, G. M's Col. and Carl's Critic Breeding. State Fair winners. Write for prices. W. W. Bales & Sons, Manhattan, Kansas.

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.

Fisher's Durocs

Herd boars, Graduate Col. 25279a, Crimson Prince 69527, Ruby's Chief 10417, King's Col. F. 8985. 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, Danville, Harper Co., Kansas.

DUROCS

Great crop of spring pigs. Tried sows for August and September farrow, bred to our great boar, Good E. Nuff Again King. W. W. Otey & Sons, Winfield, Kan., "The Men With the Guarantee."

DUROCS FROM PAWNEE VALLEY

Three yearling boars, herd headers. Some gilts, same age and breeding. Also 17-months old herd boar, Ohio Chief strain. Also fall males. All immunized from cholera. Prices reasonable. JUDAH BROS., BIATVILLE, KANSAS.

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 Durocs

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. C. L. TICER, HARRAH, OKLAHOMA.

BUY DUROC PIGS NOW!

Extra fine February and March pigs for sale at prices that will interest you. BONNIE VIEW FARM, BERRYTON, KAN. Eight miles southeast of Topeka. Searle & Cottle, Proprietors

Perfection Stock Farm

Nov. boars and gilts, also 80 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your Geo. M. Clasen, Union City, Okla.

Prairie Springs Big Type Poland Chinas.

O. K. Lad 58098, the 1,000-pound son of Pawnee Lad, and Exalter's Wonder in service. Choice stock by the leading big-type sires for sale. Fall sale October 19. Come or write. C. L. BRANICH, Hiawatha, Kansas.

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. Nothing but first class stuff 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

Poland Chinas That Grow Big

Booking orders now for spring pigs—boars and gilts—by A Wonder, the 1,200-pound boar and out of 700 and 800-pound sows, some extra fine prospects. Also pigs sired by Big Joe and out of A Wonder sows. These are great. Get your order in early. They are going fast. Pigs shipped about 3 months of age. Write for my private sale catalog. It is a history of my herd, including the great A Wonder and his get. HENRY FESSENMEYER, CLARINDA, IOWA

DUROC-JERSEYS.

BRED DUROC GILTS FOR SALE! Fall boars, 2 yearlings, April pigs at weaning time. One extra good yearling herd boar. Write for prices and state your wants to J. E. WELLER, FAUCETT, MO.

CLOVER DALE DUROCS

Herd boar, Western Wonder Again No. 106067, by The Western Wonder, dam, Lady Silkworm. 400 gets him. September boars \$20, September gilts \$15 and \$20.00. Sows bred for July farrow. \$35 to \$50. L. T. SPELLMAN, R. R. No. 8, Paola, Kas.

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. Choice Sept. boars. Tried sows and September gilts, open, or bred to order, for fall farrow. 80 Feb. and March pigs, either sex. Pairs and trios not akin. Prices right. Customers in six states satisfied. Describe what you want. We have it. D. O. BANCROFT, OSBORNE, KAN.

POLAND CHINAS.

Tabor Valley Polands

15 fall gilts bred for August and September farrow. Also 10 September boars for sale. Big, growthy stock. Priced to sell quick. L. E. KLINE, - Zeandale, Kansas.

DOOLEY'S BIG SPOTTED POLAND CHINAS

Herd headed by Etterville Chief by Brandywine. Herd sows selected from tops Faulkner's herd. Booking orders now for spring pigs by Etterville Chief, Brandywine, Brandywine. They will please, are priced right. Edgar Dooley, Etterville, Mo.

MAPLE GROVE HERD

Big Type Poland Chinas

Herd headed by EXPANSION LOOK 61191. Best of big breeding and individuality represented in my sow herd. Fall sale October 26. R. B. DAVIS, HIAWATHA, KANSAS.

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.

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. All

Immunized by Double Treatment

Herd headed by Mastodon 2d, Columbia Wonder and Gritter's Longfellow 2d. Everything guaranteed and sold worth the money. Address CLARENCE DEAN, WESTON, MISSOURI

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. P. ROBINSON, MARYVILLE, 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.



Fall boars, of best Big Type blood lines and individuality. PHIL DAWSON, - Endicott, Nebr.

Mule Foot Hogs Bred sows and pigs in pairs, not related. Pedigree furnished. ZENE G. HADLEY, WILMINGTON, OHIO

HAMPSHIRE.

Registered Hampshire Hogs Either sex, all ages and priced to sell. W. C. STENZEL, ELMDALE, KANSAS

Pure Bred Hampshires

Inspect our herd or write for prices. Our motto is to please. ALVIN LONG, Lyons, Kansas.

15 Yearlings and a few tried sows bred for August and September litters to Corrector 8913. Special prices if taken at once. Also Indian Runner Duck Eggs for sale. J. R. Lawson, Ravenwood, Mo.

Try The White Belts

Cloverdale Farm offers a number of extra nice Hampshire boars for sale. T. W. Laveck, Princeton, Kas.

WRITE J. F. PRICE, Medora, Kans. For prices on Pedigreed HAMPSHIRE HOGS. S. C. B. Leghorn eggs.

O. I. C. SWINE.

O. I. Cs. — the right kind. Bred right and fed right. Choice pigs for sale. W. P. DOOLITTLE, WOODLAND, MO.

EDGEWOOD O. I. C's boars and bred and open gilts; spring pigs mated, no kin. HENRY MURR, Tonganoxie, Kansas.

O. I. C. Pigs \$10.00 EACH. Harry Haynes, Meriden, 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.

O. I. C. Swine Best of breeding. Stock for sale of both sexes. Satisfaction guaranteed. F. C. GOOKIN, RUSSELL, 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 KIND Am offering summer gilts, bred, Sept. and Nov. pigs of either sex, at farmer's prices. Am also booking orders for spring pigs for May and June delivery. Can furnish pairs and trios not akin. Send for catalog and prices. Also have a registered Scotch collie female at a bargain if taken soon. RIVERSIDE FARM, Boonville, Missouri. John H. Neef,

POLAND CHINAS.

W.E.Epley's Polands

Some good October boars for sale. Strictly big type.
W. E. EPLEY, DILLER, NEBRASKA

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.

Fall and Spring Boars

I have 7 spring yearling boars and 5 Sept. fall boars for sale. Big, smooth boars of big type breeding. Priced right. A. L. Albright, Waterville, Kan.

**HALF TON BOAR FOR SALE
GIANT MONARCH**

Also a few tried sows bred to this great boar. W. C. MILLIGAN, Clay Center, Kan.

HEREFORDS.

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.

SAML. DRYBREAD, Elk City, Kan.

Modern Herefords**ROBT. H. HAZLETT**

Hazford Place
Eldorado, Kansas

DAIRY CATTLE.

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

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 Gamboe Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Eurybia's 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.

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, KANSAS.

ABERDEEN-ANGUS.

RIDGE PRAIRIE ABERDEEN ANGUS. Rutger Heatherson 3d 118104, a choicely 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.

GALLOWAYS.

G. E. CLARK. W. W. DUNHAM.
CAPITAL VIEW GALLOWAYS.

12 Miles West of Topeka.
A choice lot of bulls 10 to 20 months old, by imported and American bred sires. They will please you. Address
CAPITAL VIEW RANCH, Silver Lake, Kan.

Fort Larned Herd

40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS. 10 to 20 months old. Priced to sell.
E. E. FRIZELL, LARNED, 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 Launfal 13291. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Figs. Write or come.
CHAS. MORRISON & SON, Phillipsburg, Kan.

and can well afford a day spent at Hazford Place. Here can be seen a type of modern beef cattle modeled after the owner's ideal and fashioned to his own purpose to a high degree of excellence and uniformity, a work that places Robt. H. Hazlett in the front rank of the constructive breeders of today. Having started his herd founded upon individual merit from the best strain of blood of the breed, he has accomplished the highest work in the art of breeding, not merely content with maintaining the original standard of excellence of the foundation stock, but has actually improved the type and the herd. Starting with the best individuals and best blood obtainable, to quality, style and extreme finish, Mr. Hazlett has, by wise selection, judicious mating and good feeding, added and combined scale and early maturity with the superb breed character of the celebrated bull Beau Brummel, whose blood has been conserved and intensified by the system of breeding employed at Hazford Place. The student of the law of breeding will note with interest the fact that Mr. Hazlett has met with the most satisfactory results in establishing a high degree of uniformity in his herd of Modern Herefords, combining great fleshing qualities, size and early maturity, by the use of the great bulls, Beau Brummel 10th, Beau Beauty, Printer and Beau Santos. All sons of the illustrious Beau Brummel. Of the above named bulls, Beau Beauty and Beau Santos are now in service and assisted by the young bulls, shown most successfully last year, Caldo 2d, a grandson of Printer, and Beau Sturgess 2d, a son of Beau Brummel 10th. In order to appreciate the general uniformity of the herd one should see the cows on the pastures as seen recently by the writer. Large of size, with wonderful coverings of flesh, beautiful heads and drooping horns, fine markings and breed character, they comprise an aggregation of Hereford matrons of the true beef sort carrying a wealth of flesh on grass seldom evidenced in a herd of any breed. In this connection the principle of selection as noted in choosing the sires is employed also, in making up the herd of females retained for breeders and only those that conform to the ideal standard are kept. Not only are the inferior bull calves changed to steers but the cull heifers are consigned to the feed yard, prime baby heaves being rated higher by the owner of Hazford Place than unworthy pedigreed animals. By careful management and the method of good feeding employed the calves are grown and developed in a way that a very high per cent of them possess individual merit creditable to the ancestors and creditable to the breed. Among the sights that interest visitors at Hazford Place may be mentioned the division of cows with young calves, a fine lot; also, the herd of dry cows due to calve in the early fall, and the fine string of yearling and 2-year-old heifers and one of choice bulls. A good part of the females represent the great bull Beau Brummel 10th, a sire that has stamped his get most evenly, and, has, also, to his credit the outstanding young show and breeding bull Beau Sturgess 2d. The herd of Modern Herefords at Hazlett Place nearly all of which was bred by Mr. Hazlett is one to which every admirer of the breed as well as the owner can point with pride.

E. D. King's Berkshires.

A representative of the Farmers Mail and Breeze, enjoyed the pleasure, recently, of a visit with E. D. King of Burlington, Kan., the owner of Meadow Brook Farm, the home of the largest herd of registered Berkshires in the world. Mr. King's herd was started about 10 years ago with the very best individuals and richest blood lines known to the breed. Among the great foundation sows were Lady Lee 33d, unquestionably one of the greatest daughters of the celebrated Lord Premier; Black Girl's Maid 2d, a royally bred cow of the noted Black Girl family; Silver Tips 87th, by the famous Black Robinhood, and Lady Masterpiece, sired by the well known Masterpiece 77000. Mr. King has bred and owned many noted boars, including Imported Lord Durham, a boar of immense size; Pacific Lee, one of the good sires of the breed; King's Masterpiece, one of the best sons of the illustrious Masterpiece; King's 2d Masterpiece, King's 10th Masterpiece and True Type and Premier Longfellow's Rival, full brothers, out of the great sow, Lady Lee 33d. The young boar, King's 10th Masterpiece, out of Lady Masterpiece and sired by Forest Count, is a grandson of Masterpiece and an intensely bred Black Robinhood boar of superb individuality, great size, an extraordinary back and loins and wonderful hams. This promising sire and King's 2d Masterpiece are in active service. The spring pigs on hand number over 300 and as many more will be due within a few weeks. Over 200 head of sows of breeding age are kept. Many of these are being bred for early fall pigs. The herd is in perfect health and flourishing breeding condition.

Capital View Galloway Bulls.

G. E. Clark, the owner of Capital View Stock Ranch, Topeka, Kan., and breeder of registered Galloway cattle, reports his herd in good condition with the best bunch of bulls on hand he has ever had together. The herd of Galloways owned by Mr. Clark is one of the largest herds of registered cattle in the country and is bred up to a high standard of individual merit. The bulls in service are the best obtainable and represent the best sires of the breed. Among the great bulls that Mr. Clark has used with satisfactory results are Imp. Campfollower, purchased at a long price, the sire of a number of young bulls selected for service, including Coza's Campfollower, and Eve's Campfollower. Another bull that has proved a great sire in the herd is Meadow Lawn Medalist, that was shown successfully, the sire of the splendid bull bred by Mr. Clark and named Masterpiece of Capital View. Starlight 2d of Tarbreoch was used extensively in the herd and has proved one of the good sires in this and other herds, having been previously used by the veteran breeder, Geo. M. Kellam. The 60 head of young bulls offered for immediate sale by Mr. Clark are well bred and choice individuals. Attention is directed to the advertisement elsewhere in this paper.

Nebraska

G. E. HALL.

Frank Patton's Polands.

We called on Frank Patton, at Surprise, Neb., a few days ago and found him with a very choice bunch of spring pigs on hand
(Continued on Page 23.)

Nevius'

Annual June Sale of Shorthorn Cattle

The most select lot of Scotch and Scotch-Topped Shorthorns ever offered from the Glenwood Herd. Fifty head—12 bulls and 38 females—10 with calves at foot. Sale at

Chiles, Kan., Thursday, June 6

Searchlight 292031, acknowledged as one of the greatest individuals of the breed—a winner at the leading shows and a sire of winners is the sire of 11 of the bulls to be sold and a better lot is seldom offered in one sale sired by one bull. For high-class herd bull material this sale presents one of the year's best opportunities.

Prince Pavonia's daughters—15 of them. Eight by Searchlight and others of choice Scotch breeding bred to Searchlight, Prince Pavonia, Searchlight, Jr., and Prince Valentine 4th.

It is an offering of show and breeding cattle from a herd that has accomplished things. Over half the offering of best Scotch families—a practical, useful and valuable lot of cattle. It is the typical Nevius kind—sufficient proof of their excellence and breeding worth.

Write today for the Catalog, which gives complete information. When writing, kindly mention the Farmers Mail and Breeze to

C. S. Nevius, Chiles, Kan.

Cols. Harriman, Bellows and James, Auctioneers.

SHORTHORNS.

Milk and Beef Combination. Horns and Shorthorn Sheep. Shorthorn Red Turkeys. J. H. WALKER, LATHROP, MO.

SHORTHORN CATTLE

POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable. Thos. B. Murphy & Sons, Corbin, Mo.

Valley View Shorthorn Cattle

25 cows and heifers bred to Orange Major 264704, 10 bulls of different ages sired by Major of Valley View 266325. Prices right. Breeding and individuals right. Address
ADAM H. ANDREW, GIRARD, KANSAS.

True Goods 337574

by Fair Goods, dam Rosie 11th by Standard Bearer, second dam Imp. Rosie 17th by Scottish Victor, heads my herd of carefully selected Scotch cows. Young stock for sale.
T. J. BLAKE, HIAWATHA, KANSAS.

SCOTCH AND SCOTCH TOPS.

FOUR BULLS 10 TO 18 MONTHS OLD—ALSO SOME GOOD COWS AND HEIFERS.
S. B. AMCOATS, CLAY CENTER, KAN.

SHORTHORNS

5 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address, L. M. NOFFSINGER, OSBORNE, KAN.

Lookabaugh's Shorthorns

Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners. Write your wants.

H. G. Lookabaugh,
WATONGA, OKLAHOMA

Pearl Herd of Shorthorns

I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P., A. T. & S. F., U. P., and Mo. Pac. Address

C. W. TAYLOR

R. R. No. 2, Enterprise, Kan.

Brown Swiss Calves For Sale. E. Bourquin, Bartlett, Kan.

Bergner & Sons' Coach Horses

65 HEAD 65 HEAD

What do you know about the Coach Horse? Do you want to know more about the Coach Horse?

German Coach Horses

are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 4221. Call on or write, J. C. Bergner & Sons, "Waldeck Ranch," Pratt Kan.

The Best Imported Horses One thousand each. Home-bred registered draft stallions—\$250 to \$650 at my stable doors.
A. LATIMER WILSON, CRESTON, IOWA.

For Sale—Brood Mares and Colts. Exceptional Roadsters.

Fergus McGregor mare, Lynda, (2:28 1/4) and four of her colts. Alice, by Jackdaw, foaled June 10, 1905. Josephine, by Jackdaw, foaled May 23, 1908. Deacy, Stallion Colt, by Little Corporal, (2:19 1/4) foaled April 23, 1910. Bay Filly, sired by Happy Treasurer, (2:28 1/4) foaled April 27, 1912. All of these horses in fine condition, and all but the last colt broken to drive single or double. If interested, write Chas. L. Mitchell, 110 E. 8th St., Topeka, Kan.

Belgian and Percheron Stallions and Mares

Imported and Home-Bred. For Sale at Attractive Prices.

Blue Valley Stock Farm
Blue Mound, Linn Co., 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

Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Mina, a Brawith 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.

BIG BARGAINS IN REAL ESTATE

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

ARE YOU interested in some good \$7.00 land, within 2 miles of a good county seat? For particulars, A. B. Scott, Jetmore, Kan.

2,000 A. RANCH. 200 broke. Mighty fine. \$16 per a. Impr. and unimpr. lands, sale or ex. \$10 to \$25. Spencer & Spencer, Sedan, Ka.

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, Ks.

A SNAP, if sold by June 1st. 160 acres, 2 1/2 miles Amlot, Kan. 130 acres tillable, balance pasture. Black loam soil. 1 1/2 acres orchard. 4 room house; barn for 6 horses, other outbuildings. Fenced with wire. 8 acres hog fence. Incumbrance \$1,300.00. Price \$6,000.00. E. R. HUTCHISON, Amlot, Kan.

FOR SALE—Restaurant, short order and rooms; centrally located on main street in a town of 12,000, doing a fine business and making good money. Owner must sell on account of other business. Write at once for particulars. McCOWN'S REALTY CO., Emporia, 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.

NEW LIST FREE describing Anderson county farms. \$40 to \$60. Geo. W. Iler & Son, Garnett, Kan.

CHEAP KANSAS AND OKLAHOMA FARMS 1,440 a. improved, Okla., price \$30, all on time. Howard, The Land Man, Wichita, 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.

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. EBY BROTHERS & CADY, Pleasanton, Kan.

CHASE COUNTY RANCH. 1,460 acres, 150 acres under cultivation creek bottom, well improved; well watered, springs, wells and creek; 7 miles of town. Price \$23.50 per acre. Other farms. KLOTZ & HOEL, Cottonwood Falls, Kan.

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.

80 ACRES ALFALFA LAND for sale. If interested write for list of ten 80-acre tracts near Salina. V. E. NIQUETTE, Salina, Kansas.

BARGAIN. 160 acres, good land, 8 room 2 story dwelling, good barn and outbuildings, well watered, shade trees, orchard, fine location, school across road, 3 miles from town, sure bargain at \$50.00 per acre. Send for list of bargains. F. C. LIBBY, Blue Mound, Linn Co., Kansas. J. L. Wilson, Salesman.

460 A. ALFALFA BOTTOM LAND \$33.00 a. 100 alfalfa bottom land, \$30 a. 160 a., splendid black prairie land, good new house and barn, fenced and cross fenced, without a blemish, \$50.00 a. Send for list of 10 farms, in rainbelt of southeastern Kansas. J. B. COOK, Chetopa, Kansas.

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 bottom 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.

Attention Farmers! Northeast Kansas Farm For Sale!

160 acres between Hiawatha, Brown Co., Kan., and White Cloud, Doniphan Co., Kan. All fenced; 6 room house; 55 acres bluegrass pasture, fenced; balance in corn land, all upland; an abundance of good water; farm in a good neighborhood on main road and close to school. Price \$90.00 per acre; abstract showing title good. Will sell or exchange for quarter section cheaper land (if clear) for part pay and give any responsible person time on balance. If you are interested in locating in Northeast Kansas where they always raise a corn crop, investigate this. Address JAS. P. KELLEY, Owner, White Cloud, Kansas.

An Ideal Ranch

1,120 acres, 7 miles from Goodland, the county seat of Sherman county Kansas; Two (2) good frame houses, splendid barn 42x40 feet, large cattle shed, two chicken houses, splendid well of water equipped with good wind mill; 200 acres in cultivation; 640 acres fenced with two wires; soil is a deep loam, suitable to all crops native to this zone. Every acre of this farm is smooth tillable soil; "no rough land"; shallow to water; irrigation can be established cheaply from the underflow.

This is certainly one of the most ideal farms in western Kansas. Owners are old and wish to retire. Price, for immediate sale only, \$15.00 per acre. Goodland is a thriving town of about 2,500 people, a division point on the Rock Island Ry., has fine schools and churches, where all of the environments of any eastern town are enjoyed.

E. W. SULLIVAN,
Box 777. Goodland, Kans.

WESTERN KANSAS LAND A. T. & S. F. R. R. is building from Dodge City southwest through: Stanton Co. lands at \$8.00 per acre. Grant Co. lands \$10.00 per acre. Morton Co. lands \$19.00 per acre. 1/4 to 1/2 cash payment down. Send for map and full description. BROWN & VERNON, Dodge City, Kan.

FOUND A beautiful, smooth, level half section of land lying 9 miles from town that we can sell for \$3,600. The cheapest half section on the market; first class soil. No better proposition in the county. Who wants it? COONS & JACOBS, Plains, Meade Co., Kan.

LAND! LAND! LAND! In Okla., Gulf Coast county and Kan. Prices low; terms easy. Exchanges made. JABEZ F. BRADSHAW, Lenexa, Kan.

Grant County Land The Santa Fe is laying steel on the new cutoff. I can sell good land near it, from \$8 to \$11 per acre. Write for information. T. W. MARSHALL, New Ulysses, Kan.

On Electric Car Line Well improved 272 acre farm. Montgomery Co. Adjoins market. All level productive land. Price \$55 per acre. Must sell soon; a real snap. Write FOSTER BROS., Independence, Kan.

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. BEN W. BAUGHMAN, Desk "G," Plains, 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., 1914, at 7 per cent. This is your chance. E. J. THAYER, Liberal, Kansas.

Sedgwick County Farm Bargains 320 a. farm; best alfalfa, corn or wheat land; lays level; shallow to soft water; improved; \$65.00 per acre, half cash. 160 a. well improved; all hog fenced; \$50 per acre, half cash. 80 a. farm, valley land; good house, barn; 20 acres alfalfa; \$80 per a. terms. 160 a. alfalfa land improved; one mile R. R. station and fine Catholic church; \$80 per a. terms. 1,360 a. ranch improved. Living water; \$22.50 per acre. H. E. OSBURN, 227 East Douglas, Wichita, Kan.

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.

I HAVE 400 a. of land with two sets of improvements on it to exchange for merchandise. R. A. Denny, Pauls Valley, Okla.

190 ACRE farm; near McAlester, population 15,000. Well improved; bargain at \$39.50 per acre. Ringlands, McAlester, Okla.

320 A. 1/2 mi. R. R. town, smooth, black, rich soil, in wheat, fine prospects, good water, good imp., \$50.00 per a. with 1-3 crop. J. H. Fuss, (The Land Man), Medford, Okla.

OKLAHOMA.

GOOD 170 ACRE central Oklahoma bottom farm; 8 miles from one railroad station, and 2 miles from new road to commence building soon; 115 acres in cultivation; fair improvements. Price \$6,500. LAMBEARD-HART COMPANY, Shawnee, Oklahoma.

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.

244 A. Mr. Investor or Homeseeker, you must have overlooked this proposition advertised two weeks ago. We will give you possession Jan. 1st and guarantee you 12 per cent on the purchase price if bought now and 10 per cent for next year if you should want to rent it. SOUTHERN REALTY CO., McAlester, 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.

FOR IMPROVED FARMS in the garden spot of Oklahoma, write JOE CAKE, Hunter, Okla.

POCKET MAP OF OKLAHOMA for five names of persons intending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

TERMS TO SUIT. 160 a. 7 miles of Medford, 4 1/2 miles of R. 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.

All About Oklahoma Send for my free book. PERRY DEFORD, Oakwood, 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 choice farms. N. E. Okla., low prices. Easy terms. Perfect title. 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.

ARKANSAS.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list. F. M. MESSER, Walnut Ridge, 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.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Siloam Springs, Ark.

160 ACRES; 40 a. fenced, 35 a. cult. level land. 4 r. h., barn, good water, 2 mi. from R. R. town. \$2,000. Cash. V. L. Sessions, Amity, 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 A. GOOD SOIL, \$2,400. 1/2 cult., family orchard, 2 small houses, good well, spring and branch, school 1 mi., R. P. D. and tel. line 1/4 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.

688 A., 2 mi. from Imboden. About 155 cleared and cultivated. About 100 bottom and valley. Bottom, upland and hill yet to clear. Fair house. Well watered. Make a general purpose and livestock proposition. \$15.00 per acre. For particulars write J. L. M'KAMEY, Imboden, Lawrence Co., Ark.

160 ACRES black alfalfa land; soil 15 feet deep; if not as rich as yours will pay your expenses to see it. Price \$25.00 per acre. Ask for map and list. H. M. McIVER, Texarkana, Ark.

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.

FOR BARGAINS In Arkansas farm and timber lands, write H. G. LONG, Hoxie, Ark.

ARKANSAS.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

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.

120 Acres Fine Timber Land

Part bottom, soil productive, \$10 per acre, cash; would take good automobile at \$800, balance cash. I have 75 other farms for sale. HUBERT HALL, Waldron, Ark.

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.

Scott County, Arkansas

where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

MISSOURI.

25 OZARK bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

DAIRY, poultry, fruit, stock and timber lands, all sizes and prices. Write Ozark Realty Co., Birch Tree, Mo.

HEY, THERE! Good farms at \$10.00 to \$100.00 per acre. Get list and booklet. Baker Realty Co., Mountain Grove, 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.

FOR SALE. 70 acres located 3 1/2 miles from West Plains, Mo. 62 acres in cultivation. 15 acres in tame meadow; practically all the best of valley land, close to school and church. Splendid improvements. The best of terms. Price \$4,500. No trade. C. P. HARPER & SON, West Plains, Mo.

BLUEGRASS FARM BARGAIN. Six hundred eighty acres, close to railroad town, fine farm, large house, many good barns, artesian water. Best bargain in Missouri for \$35.00 per acre. If you investigate you will buy. J. E. WALTON, 222 South St., Springfield, 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: "Homeseekers' Review" BEST LAND Journal Published Many big bargains. WEST PLAINS REAL ESTATE CO., West Plains, Howell County, Mo

TEXAS.

FREE ILLUS. literature 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.

160 ACRES of grass land, Greenwood Co., Kan., 3 miles from station, \$30 per acre. 7 room modern house, good location, Topeka, \$4,500. 5 room house, 3 lots, Herington, Kan., \$2,000. New large 3 room cottage, 2 lots, near Washburn college, Topeka, Kan., \$1,500, want clear smooth raw land in southwest Kansas. THE THOMAS REALTY CO., Topeka, Kan.

POTATO LAND. 100 a. Brazos Val., red shell alluvial soil; \$60.00 a. 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.

CHANCE OF A LIFETIME. 450 acres, all tillable land, 250 acres in crops. Finest climate in the world. Easy payments. Let me tell you about this and other bargains. J. C. SCHOFIELD & CO., Edna, Tex.

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 RICHEY LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

What Breeders Are Doing.

(Continued from Page 21.)

and making arrangements at this early date for his sale which will be held on October 29. About one-third of his pigs are sired by Monster Pattern, by Blue Valley Quality, Patton's Tecumseh Price, by Tecumseh Chief Price, and Wonder Lad, by Long Wonder, also a few by Tom Victor, a son of Big Tom, out of a Big Victor dam. One of the very best litters we saw while there is sired by Monster Pattern and out of a Wade's Jumbo dam. They are big stretchy fellows with lots of bone, plenty of quality. Another good litter by the same sire is out of a daughter of Allerton Chief. One of the best Patton Tecumseh Price litters is out of Tecumseh L. H. While Mr. Patton has only succeeded in saving about 50 per cent of the pigs farrowed yet those remaining are coming along in good shape. In his sale October 29 he will sell five sows with litters, seven fall gilts, three fall boars and about 40 head of spring boars and gilts. Keep this herd in mind and watch these columns for further announcements.

Editorial News Notes.

The many testimonials that have appeared in this paper in the past testifying to the value of Stannard's Processed Oil as a dip for killing lice and curing mange, should convince anyone in need of a dip that there is no better preparation on the market for them to buy. His refined oils are as good as are sold and save you considerable money. His advertisements appear in this paper regularly. Read it today on page 17.

St. Joseph Veterinary College.

Located in St. Joseph, Mo. Are making their seventh annual announcement through the columns of this paper. This college has been entirely reorganized under new management and is prepared to furnish a course of instruction surpassed by none and equalled by few veterinary colleges of America. Write for free catalog, which gives full information. Address F. W. Caldwell, dean, 331 South Seventh street, St. Joseph, Mo.

That \$2.50 Coupon

Is just an extra saving that will help you pay freight charges on goods you buy from Jones, Post & Co., the wholesale Direct-to-Consumer merchants of Kansas City. Read all about it on the inside front cover page. Many wonderful bargains are shown in their "Midsummer Money Saver," which should be in the hands of every reader of this paper. Copy sent free if you have not received one. A postal card sent to Jones, Post & Co., Kansas City, Mo., with your name, address and route number will be sufficient.

TEXAS.**PATENTED STATE SCHOOL LANDS.**

Only \$15 per acre on ten years' time. McMullen county, Texas; 10 acres to 40; on line two projected railroads; rich soil; fine for citrus fruits, truck and general farming; semi-tropical climate. Same kind of land in this district on railroad sells for \$50 to \$150 an acre. Buy ahead of the railroads and get benefit of enormous advance in value. Sold on terms \$1.00 per acre cash, balance ten yearly payments. Or 40 acres for \$20 cash and \$20 monthly. Write for information to F. A. CONNABLE, Trustee, 442 Com'l Bank, Houston, Tex.

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.

COLORADO.

WOULD you buy land that one season's crop of alfalfa would net you \$35 per acre, if you could buy the land, unimproved, for \$25 per acre? If you would, write me; I can prove to you that I can sell you this kind of land. Carl M. Cook, Limon, Colo.

KIOWA COUNTY, COLORADO. corp. 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., Eads, Colo.

FOR SALE—Ark. valley Irr. alfalfa lands, most desirable climate and lands with water in West. Geo. R. Wilson, Lamar, Colo.

HOMESTEAD FOR SALE. 320 acres, improved, 47 miles from Denver; \$1,000 cash buys it. Best snap in Colorado. Address THE ALLEN COUNTY INVESTMENT CO., Iola, Kan.

IF YOU WANT TO BUY fine wheat, corn and alfalfa land at \$10 to \$15 per acre on good terms, write to CHAS. PURDY, Akron, Colo.

LAND FOR SALE. Right now is the time to buy land cheap in Eastern Colorado; 320 acre relinquishments \$200 to \$1,000. Deeded land \$7 to \$15 per acre. HARRY MAHER, Deer Trail, Colo.

THERE IS MONEY IN STOCK. WE SELL RANCHES. 20,000 acre ranch to sell or trade, best in the country. 1,000 acre irrigated farm all in hay and alfalfa. We are headquarters for small farms. Why wait? Lands will never be as cheap as right now. Write us your wants. SHIELDS-BEGGS LAND COMPANY, Fort Morgan, Colorado.

IRRIGATED ORCHARD LAND. Our Highest 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 purchaser 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: Cutted apples can be marketed at the Denver canning 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.

Wheat and Alfalfa Land. Kiowa Co., Colo., \$8.00 to \$25.00 per a. 25,000 a. will be irrigated. Write for free maps and description. Shallow sheet water. A few good homestead relinquishments yet. FIRST STATE BANK, Brandon, Colo.

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.

NEW YORK.

DO YOU WANT FARMS NEAR CITY OF FORTY THOUSAND POPULATION? Here is one of 138 acres, house, large barn, fruit, \$1,500 insurance, six miles from city. Price, \$3,250, half cash. HALL'S FARM AGENCY, Oswego, Tioga county, New York.

MEXICO.

EVER HEAR OF MACINECO, Mexico? Place of FREE HOMES and perpetual income. Everything guaranteed. J. M. Mason, Columbus, Kan.

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.

FLORIDA LAND

Drained muck lands, St. Lucie county, below frost line, high elevation, long term, 3,000 acres now drained. Write for free descriptive literature. Agents wanted. W. W. SHURTZ, 330 Midland Bldg., Kansas City, Mo.

Florida Lands For General Farming

We have 10,000 acres of the best farm land in Central Florida for sale in tracts of 40 acres to 640 acres. Land nearly level, good drainage, splendidly adapted for raising vegetables, grain, livestock and citrus fruit. When the purchasers of Florida land get away from the 5 and 10 acre idea and buy lands and farm them as they do in the West the results will be far beyond those realized by western farmers. Prices \$25 per acre to \$40 per acre. Terms very easy. Address

Howard-Packard Land Co.,

Sanford, Fla.

FOR SALE OR EXCHANGE

LIST your trades with Cassoday Realty Co., Cassoday, Butler Co., Kan.

GROCERIES and merchandise for farm. Other trades. F. Gann, Joplin, Mo.

BUY OR TRADE WITH US—Exchange book free. Bernie Agency, Eldorado, Kan.

LAND SOLD or exchanged, 2% com. Middle West Exchange Bureau, Cherryvale, Ka.

WRITE FOR LIST, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

TEXAS LANDS and properties for ex. Ask for trade bulletin. Deering & Neel, Houston, Tex.

FARM BARGAINS. Sales, trades, West Tex. land. Don't trifle. Buckeye Agency, Agricola, Kan.

IF YOU WANT to buy or trade for an Arkansas valley farm, write to or call on C. L. Seeley, La Junta, Colo.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

STATE UNIVERSITY. Buy house in Lawrence, Kan., while schooling your children. Large list, sale or ex. Fugate Land Co.

FARMS and MERCHANDISE for sale or exchange. We match deals any size, any place. United Land Co., Wichita, Kan.

REAL ESTATE for sale or ex. Wheat, alfalfa and grazing land. From central Kan. west. Write W. A. Sturgeon, Hutchinson, Ka.

TRADE what you have for what you want, list with us, we do the rest. H. C. BUTTS LAND COMPANY, Carrollton, Mo.

HUNDREDS of bargains in improved farms, located in 20 states. Sale or exchange, list free. W. P. Burrow, Warm Springs, Ark.

FOR SALE OR EXCHANGE—Good wheat and corn lands. Describe and price your proposition. J. M. Kiser, Garden City, Kan.

FOR SALE OR EXCHANGE—Irrigated or unirrigated eastern Colorado lands at reasonable prices. Andrew Townsley, Holly, Colo.

WANTED farms, residences, stocks listed for exchange. I can help you. Ask for listing blank now. A. W. Bremeyer, McPherson, Kan.

LIST YOUR PROPERTY for exchange or trade. We make all kinds of exchanges and secure results. Write us. The O. F. Exchange Agency, Eldorado, Kan.

160 ACRES Thomas Co., Kan., good smooth land, want good auto; other good trades. Send full desc. what you have, and what you want first letter. Buxton Bros., Utica, Kan.

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.

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. Cottrill, Mgr., Pomona, Mo.

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.

WE HAVE three good gen. mdse. stocks to exchange for real estate. KANS. INVESTMENT CO., 408 Barnes Bldg., Wichita, Kansas.

760 ACRES fine fruit orchard and farming land five miles from railroad in Arkansas, to exchange for a good stock of merchandise. 80 acres of unimproved land in Johnson county, Arkansas, for automobile or livestock. 80 acres of unimproved land in Wayne county, Missouri, good mineral prospect, for automobile. 240 acres in Wilson county, Kansas, for stock of merchandise. LONG BROS., Fredonia, Kan.

FOR FARM LANDS and EXCHANGES of all kinds address John Capper, Real Estate Agent, Lyndon, Kan.

EXCHANGE FOR MDSE. OR HARDWARE. 480 a. good smooth land in south central Kan. Owner, H. C. Whalen, Wichita, Kan.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

WE CAN SELL OR TRADE your farm or business, no matter where located. Particulars free.

MID-WEST SALES AGENCY, Riverton, Nebraska.

TEXAS BARGAIN. 320 a. near coast, fine land, near town. Would consider small improved farm, or residence, as part payment. Easy terms on difference. Write D. W. GRANT, Palacios, Texas.

230 A. STOCK AND GRAIN farm, Western Nebraska. 200 a. fine valley land, sandy soil, fenced, cross fenced, 36 a. broke. Water 20 ft. Small improvements. 7 miles R. R. town. Price \$10 an acre. Trade for Missouri land or business. E. L. PALMER, Laird, Colo.

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.

TRADE YOUR WESTERN LAND FOR THIS 360 a. Excellent location and improvements, only 2 mi. to high school in Moran, Allen Co., smooth land, black soil, no rock. Price \$27,000, mortgage \$10,000. Want clear smooth wheat land for equity. Write for description and pictures. IOLA LAND COMPANY, Iola, Kansas.

MR. FARMER: JUST A MOMENT. 160 a. extra well improved, 5 room house, good barn, 2 living springs, 12 a. Ebertha peaches, 15 a. apples, good corn and wheat land, all tillable, good school, 3 mi. to station, 7 mi. West Plains. Only \$25 per acre, extra good terms. Write for particulars. OAKS REALTY COMPANY, Box 131, West Plains, Mo.

FOR SALE OR EXCHANGE. Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

Stock of General Mdse. For Land. General stock, invoice about \$6,000.00, located in a good town in Anderson county, Kansas; stock nice and clean, running and doing good business. Submit propositions to WILSON & REESSE, Colony, Kansas.

HERE'S A TRADE. A good farm close to Wichita, well improved and priced right, to exchange for a good lumber yard, or hardware and lumber. Can loan \$10,000 on this place at 6 per cent. A splendid trade for someone. LEACH REALTY CO., Wichita, Kansas.

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 thrown into town lots. Price \$2,000 clear. GEO. MANVILLE, Holton, Kan.

For Sale or Trade. 240 a. Washington Co., Kan., land at \$65.00 per a. Mtg. \$5,000 due in 6 yrs. 5 miles from town. 130 cult, 90 a. pasture, 20 a. meadow, 4 room house, also enough other improvements. Good well and good title. Lays slightly rolling. Owner wants for his equity cash or clear improved 120 or 160. Also accept cheaper wheat land. As this is priced at bed rock, don't present anything that will not pass inspection. PRALLE BROS. REALTY CO., Bremen, Ks.

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.

WANT FARM LAND. \$4,500 stock of merchandise located in good Kansas town. Some groceries. \$10,000 stock of hardware doing good business. \$15,000 merchandise stock located in good Missouri town. Doing good business. \$18,000 stock of merchandise and building in Missouri. Good cash business. \$40,000 mercantile business. One of the best locations in Kansas. Doing an excellent business. J. M. DAVIS & SON, 619 New York Life Bldg., Kansas City, Mo.

BIG LAND OPENING

Kentwood, Louisiana, Sept. 20, 1912

The South Calls for More Men!

The richest and most productive section of America offers amazing opportunities to the Northern farmer—a better reward than your father ever enjoyed. Do you want a productive farm in the high, well-drained Ozone Belt of Louisiana, where two and three crops can be raised a year?

THE BROOKS-SCANLON LUMBER COMPANY and the KENTWOOD AND EASTERN RAILWAY will open up 10,000 acres of their large land holdings for settlement September 20 on the easiest terms ever offered the farmer.

This land will produce big crops of Corn, Oats, Hay, Grass, Vegetables, Berries and Fruit.



And now for the Gulf Coast of Louisiana, the last and best farming country of them all, where two and three crops can be realized a year, where mild winters and enjoyable summers obtain, where a poor man stands a show, where the thousands of farmers will come in the near future.

Make up your mind to come to this opening—10,000 acres of guaranteed land, as fine as lays out of doors to be settled by actual farmers on terms never before offered in this country.

No need to rent any more—here's your opportunity for a real farm in a real country.

We will run our own special train September 17th.

Remember this is great corn, oats, hay, vegetable and fruit lands. If you are willing to work you can be independent in a short time if you get one of these farms.

Write for booklets, maps, photos, etc., to

C. H. McNIE
Land Commissioner,
Brooks-Scanlon Company,
Kentwood & Eastern Railway,
KENTWOOD, LOUISIANA

When the Cows Come Home.

I love the quiet evening
When the sunset clouds are gold;
When the barn fowls seek a shelter
And the young lambs seek their fold;
When the four-o'clocks are open,
And the swallows homeward come;
When the horses cease their labors,
And the cows come home.

When the sunset and the twilight
In mingling hues are blent,
I can sit and watch the shadows
With my full heart all content;
And I wish for nothing brighter,
And I long no more to roam
When the twilight's peace comes o'er me,
And the cows come home.

I see their shadows lengthen
As they slowly cross the field,
And I know the food is wholesome
Which their generous udders yield.
More than the tropic's fruitage,
Than marble hall or dome,
Are the blessings that surround me
When the cows come home.

—Mary E. Nealy.

A Banker on Cheaper Farm Loans

BRAVE WORDS, THESE.

Last week the ink was hardly dry on Mr. Rankin's Mail and Breeze article on farm loans in Europe and the advantage that would accrue to Kansas farmers were that system of farmers' co-operative banks established in this country, than the same thing was advocated by B. F. Harris, president of the Illinois Bankers' association at the Annual Meeting of the Kansas bankers in Topeka. The Illinois man made a stirringly progressive speech to the Kansas money handlers. Here are some of the things he said. Is there a reader of Farmers Mail and Breeze who won't say amen to them:

The banker must begin to take interest in other people—as well as from them.

I believe the business of banking is not merely the business of the banker; it is very much more. It is the business of the public, though there are some Illinois bankers who honestly disagree on that.

It has been said that until the generation in which we now live the farmer has never known what he was doing nor why he did it. He has done his work according to signs and omens, largely by guess and faith. From the beginning until our own day he has never been, in any sense, a master of his craft.

Our apparent agricultural prosperity is due to the rise in the price of land. Land speculators have grown rich. A few farmers have won a competence from the soil, but most of them have little profit to show, aside from that of the advance in the value of their farms, while the average farmer makes a bare living.

The wheat crop of this county is raised on 50 million acres and averages 13.7 bushels to the acre, while several countries of Europe, on 1,000-year farmed land, average 26 to 40 bushels. We have as good or better land, tools, soil, brains, etc., but we are not properly employing any of these factors.

Germany, France, Italy, Denmark, and other European nations have developed rural co-operative banking, marketing and purchasing organizations to a marvelous degree and mutual profit. In Germany alone, for instance, there are more than 24,000 such organizations.

There are about 20,000 Raiffeisen co-operative banks and several other systems, exclusively of and for the farmers, doing an annual business in excess of 1 billion dollars, with 1,200,000 customers, and farm loans of 500 million dollars.

The interest rates average not over 4 per cent, and some of their amortization plans pay out principal and interest in 40 or 50 years yearly payments of 4½ to 5 per cent.

If we will learn from European methods, we may, I am sure, so handle the problem that the farmer will have more profits on what would cost the consumer less money.

If you didn't read the article on farm loans published on Page 3 of the Mail and Breeze of May 25 look it up now. You will find it anything but dry reading.

Wheat Free From Insects

According to Dr. T. J. Headlee, entomologist at the Kansas station, little damage is being done to wheat in Kansas by insect pests. A few chinch bugs are to be found, Hessian flies are doing a little damage in the southeastern part of the state, but there are practically no green bugs. If the season continues wet there is little danger that wheat will suffer any considerable damage from insects but should it turn dry the crop will not escape so easily. The severe winter and cool, wet spring killed many insects.



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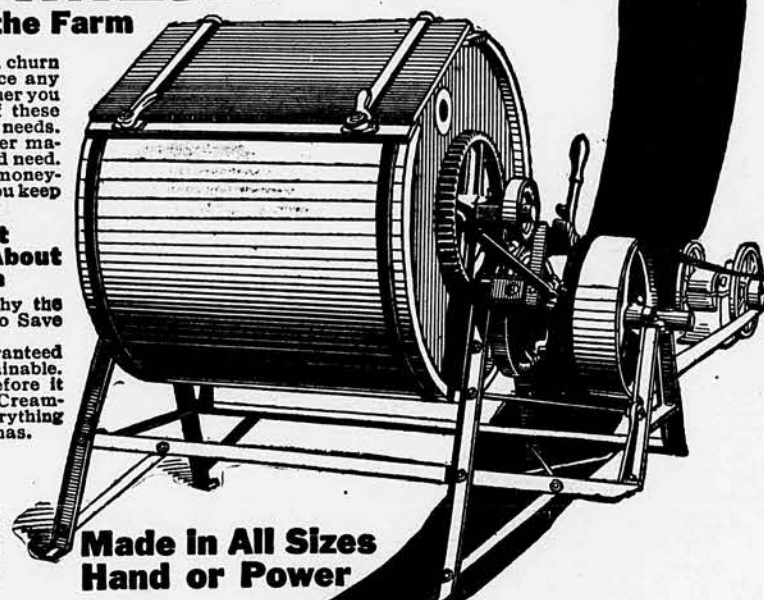
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Grain For Hogs on Pasture

BY F. B. MUMFORD,
Director Missouri Experiment Station.

Mr. Editor—During the forepart of the forage season when rains are abundant and forage is plentiful the amount of grain fed per head may be small but as dry weather approaches and feed becomes less abundant the grain ration should be increased. Experiments at this station show conclusively that the grain ration must be increased as the forage season advances.

While good forage will reduce the amount of grain necessary to produce a pound of gain from one third to one half, yet the forage should not be used alone except when only a maintenance ration is desired. Mature hogs thin in flesh may be expected to gain on good forage without grain about a half pound per head daily. However good forage under average conditions is about equal to a maintenance ration.

The greatest economy through the use of forage crops for hogs is obtained when the hogs are fed from a half to two thirds a full ration. A full ration for a hog under ordinary conditions is about 3 to 3½ pounds of grain per 100 pounds of live weight per day. If a full feed is given to a hog on pasture it will have no desire for other food. On the other hand if given too little grain it may not make gains rapidly enough for profitable growth. Experiments have shown that when less than half a full ration was fed the greatest profit per bushel of corn fed was obtained. The greatest returns per acre have been obtained when grain is fed to the extent of 2½ to 3 per cent of the hog's weight.



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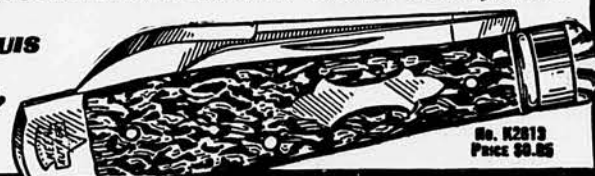
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