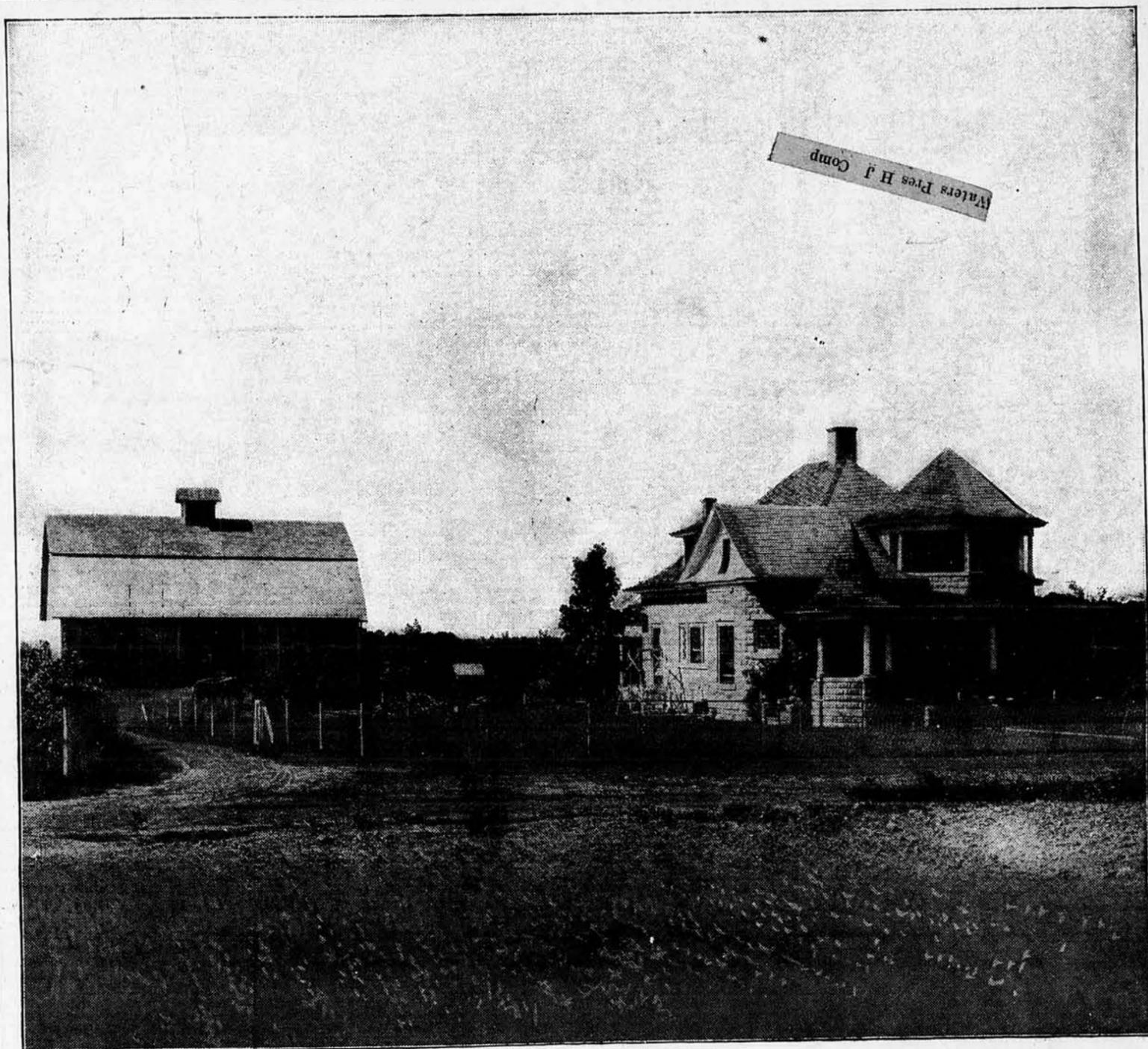


# THE FARMERS MAIL AND BREEZE

Volume 42

August 31, 1912

Number 25



Farm Home, 9 Rooms and Bath, Built of Homemade Cement Blocks in Mail and Breeze Land for \$5000

EVERY issue of Farmers Mail and Breeze, the year around, is a "farm improvement" number. The one this week only specializes on certain things that come up for consideration at this time of year. But there is a wealth of good stuff in it and, as usual, some of the very best is from our folks. In the main the idea is to help you plan your betterments for the year to come and to assist you to figure out the ways and means.

**FARM IMPROVEMENT NUMBER**

# Profit Sharing Continued

Buy Your Farm Implements From Us and Use the Coupons at Face Value—We Will Save You Money and Share the Profits With You.

**THIS COUPON IS WORTH \$2.50**

IF USED ACCORDING TO THESE CONDITIONS:  
Send us an order for any merchandise we sell (Groceries excepted) amounting to \$50, or over, and we will accept this Coupon at \$2.50 on that order. Cash must accompany the order for full amount of the goods ordered, less \$2.50, which this Coupon represents. This Coupon is only good with Cash orders, and cannot be used with C. O. D. or Free-Trial Orders. **JONES, POST & CO., KANSAS CITY, MO.**

Send your order direct from this advertisement and make the money you spend earn a dividend. In addition to the Coupons, prices have been cut to the quick. As we have only a limited quantity of each item shown, we ask that you rush your order and make a profit for yourself.

**THIS COUPON IS WORTH \$1.12**

IF USED ACCORDING TO THESE CONDITIONS:  
Send us an order for any merchandise we sell (Groceries excepted) amounting to \$25, or over, and we will accept this Coupon at \$1.12 on that order. Cash must accompany the order for full amount of the goods ordered, less \$1.12, which this Coupon represents. This Coupon is only good with Cash orders, and cannot be used with C. O. D. or Free-Trial Orders. **JONES, POST & CO., KANSAS CITY, MO.**

**Garden Cultivator**

**CUT PRICE \$1.19**

**2AX5248**  
—Never sold by us for less than \$1.45, and by retailers for double our price. All complete, easily adjusted to height of person without removing any bolts.

This is the "Ideal" Cultivator for garden use, and combines practically five tools in one. We have only a few left at this price. As long as they last, \$1.19.

Buy one for next spring if you don't need it now.



**SANDOVAL COULTERS**

**\$1.45**

This is the Coultter acknowledged by all to be the best on the market. Adjustable in any direction. Can be attached to wood or steel beam, right or left hand plow. All wear is taken up by the cone bearing screw hub. Our price is lower than your dealer can buy them. Size 14-inch. **ZAX Coultter, \$1.45**



**"CHALLENGE" CANE MILLS**

For Sorghum and Ribbon Cane—Main rollers are flanged top and bottom to prevent cane from passing up or down. Boxings are brass and work smoothly. The gearing is cast separate from the rollers and is made very heavy with two clutches on each wheel. With this machine there can be no expensive breakages. The gearing is enclosed to prevent clogging. Only the best of thoroughly tested iron is used. "Challenge" Mills all have steel shafts with turned bearings, and the rollers have serrated faces to produce even and constant feed. Size of rolls run from 8 1/2 to 14 inches on the large rolls and 5 1/2 to 8 1/2 in. on the small rolls. Capacity per hour, 40 to 120 galls., according to size and quality of cane. Write us for full description.

No. 30—Light one-horse.....\$18.25  
No. 31—1-horse.....\$21.40 | No. 32—2-horse.....\$28.55

Write for Prices on Evaporating Pans, etc.



**"PEERLESS" MANURE SPREADER**

**CUT PRICE**

Complete **\$59.95**  
Without Trucks **\$37.50**

To introduce a few of these high grade Manure Spreaders in each locality, we will make a Special Cut Price for a short time only. Buy now as these prices will not last. We sell you the Spreader complete with high-grade Steel Wheel Truck for \$57.50. It has endless all-metal conveyor, made of angle steel; can't rot, break or warp. Force feed, detachable follow-up board. Not a cog or gear in the entire machine. Two horses handle it with ease. **2XA—Spreader Box only, for any gear.....\$37.50**  
**2XA—Spreader complete, with Steel Wheel Truck.....\$59.95**



Look at These **"Western Chief" Sulky Plows** Prices on The

**\$28.95** **\$29.95**

For 14-inch Beam Hitch For 16-inch Beam Hitch

**FOOT LIFT** **Light Draft**

**FOOT TRIP**

This is the identical Plow we have been selling for the past six years. A regular Stubble Plow, ride or walk, easy to handle, and one of the best plows made. Fully guaranteed. Read description in your Catalog. Only a limited number will be sold at this price. Order quick if you want one.

**2XAS07—14-inch, weight 470 lbs.....\$28.95**  
**2XAS03—16-inch, weight 490 lbs.....\$29.95**



**"ACME" ROD BREAKER**

The shares are wide, have a good sized point, and stand at an angle to achieve the best cutting results. The landside is off-set so that when the cutter is bolted on it has straight face. The cutters are bolted by two 1/2-in. bolts, and are easily removed for sharpening. The m o u l d - board rods are adjustable, so as to throw the ground more or less. Both plows—the 14-in. and the 16-in.—have four rods each. The entire plow furnished with firm cutter and one extra share at prices given. Prices f. o. b. Kansas City.

**\$5.75**

**F. O. B. Kansas City**

able, so as to throw the ground more or less. Both plows—the 14-in. and the 16-in.—have four rods each. The entire plow furnished with firm cutter and one extra share at prices given. Prices f. o. b. Kansas City.

**2X5030—14-inch, wgt. 70 lbs., each.....\$5.75**  
**2X5032—16-inch, wgt. 74 lbs., each.....\$6.25**  
Extra Shares—14-inch.....\$1.65; 16-inch.....1.95



**THE "NEW MONARCH" DISC HARROW**

**\$19.75**

**Double Lever**

Has Low Down Hitch—No Neck Weight

Steel frame, hard maple bearings, scrapers that clean perfectly; 14 discs that cut across feet. Will pass over the ordinary obstructions without trouble. Price for 14-disc size, as shown.....\$19.75  
**2AX5101—Monarch Harrow, tongueless with front track.....\$23.95**



**BIG CUT IN U-BAR HARROWS**

**STEEL FRAME \$3.79**

Buy Now and Profit by the Cut in Prices.

A Guaranteed High-Grade Standard Make Steel Harrow, at prices that will never be equaled again. Our stock is larger than we want to carry through the winter. Main bars are 2-inch steel channels, headed teeth 1/2 inch, adjustable up or down, tooth fastener is best ever devised. Each section is adjustable to any desired slant. Steel runners make transportation over unplowed ground easy.

**2AX—20-tooth, 1-section, wgt. 97 lbs. less eveners.....\$3.79**  
**2AX—20-tooth, 1-section, wgt. 110 lbs. less eveners.....4.15**  
**2AX—20-tooth, 2-sections, wgt. 194 lbs. with eveners.....7.59**  
**2AX—20-tooth, 2-sections, wgt. 229 lbs. with eveners.....8.40**  
**2AX—25-tooth, 3-sections, wgt. 287 lbs. with eveners.....12.25**  
**2AX—25-tooth, 3-sections, wgt. 334 lbs. with eveners.....13.40**



**"SAMPSON" Farm Fence Cut**

20 and 40 Rod Rolls—Now **15¢**

Chicken Fence Cut Price

20-in. Foultry Netting, 120-ft. rolls, each.....\$1.25  
24-in. Foultry Netting, 120-ft. rolls, each.....\$2.45

The Old Reliable Fence You See Everywhere

Be sure and order a quantity of this as we will unload a lot at the prices we are quoting. Prices are, per rod:

6-bar, 20-in. high, 12-in. mesh.....16 1/2¢  
6-bar, 20-in. high, 8-in. mesh.....17¢  
7-bar, 26-in. high, 12-in. mesh.....17 1/2¢  
7-bar, 26-in. high, 8-in. mesh.....20 1/2¢  
10-bar, 47-in. high, 12-in. mesh.....25 1/2¢  
10-bar, 47-in. high, 8-in. mesh.....29 1/2¢



**"PERFECTION" SEED GRADER and CLEANER**

We have only a very small number of these Cleaners and Graders on hand. This mill is a good one and shipped ready for use. Has six screens and riddles for cleaning wheat, barley, oats, rye, corn, alfalfa and kafir corn. If you need a mill now is your chance to save money.

**2AX544—"Perfection" Cleaner and Grader.....\$10.95**  
Riddle and Screen for Flax.....6.95  
Screen for Red Top.....1.60  
Riddle and Screen for Beans.....1.60



**HARROW CARTS REDUCED \$5.20**

This is the Cart that we have handled for years and on which we have an established reputation. New Pivot Axle is the strong feature in this. The wheels may be locked to run straight or pivoted at the corner so they will roll in exact line of draft and not drag on shortest turn. Wheels are 30 inches in diameter.

**2XA—Harrow Cart, wgt. 30 lbs.....\$5.20**



**"EMPIRE" HARNESS CUT PRICES**

This Harness has always sold for \$29.95. As the factory making this particular brand will sell all we have left at the following cut price of

**\$26.15**

Traces are 12-in. long, double and stitched, sewed in cockeys.

Lines—18 feet long, 1-inch wide, complete with snaps.

Bridles—X-inch short box-loop cheeks, flat nose band, and round reins.

Hames—Wood, iron over tops, black, low tops if desired.

Pads—Hook and terret, flexible tree, harness leather bottoms, hair stuffed, slip tug, adjustable bearers.

Breast Straps—1 1/2-in. with hame and roller snaps.

Pole Straps—1 1/2-in. Collar Straps—1/2-in.

Hip Straps—1-in. with safes. Turnback—1-in.

Collars—Full kip leather, team weight.

Trimming—Bright XO plate. Weight for shipping, 75 pounds.

Price complete for 6FX2000 at the reduced price.....\$26.15  
Extra for 1 1/2-in. Traces.....\$1.60 | Extra for Bolt Hame 1.25  
Extra for Shifting Breaching 3.65 | Extra for Hitch Straps 70¢



**BLACKSMITH'S BLOWERS**

The **"BUFFALO"** THE **"CLIMAX"**

Here is a crackjack Blower for blacksmiths, for the farm workshop. Four simple gears running in oil in a dust-proof case speed up the fan-wheel to give the strongest blast with the least exertion. Easy to run and portable. Fully Warranted. Shipping weight is about 100 pounds.

**Price Cut to Close Out:**  
18X5186—**\$13.00**  
F.O.B. Kansas City

Wgt. about 85 lbs.

This is a first-class Blower and is the lightest, strongest Blower made. Blower can be adjusted to height or angle of outlet. Easy to operate. Fully Warranted.

**Price Cut to Close Out \$10.00**



Order any of the above on our guarantee, or if you want full description write us.

**JONES, POST & CO.**  
1430 West Ninth St., :: Kansas City, Mo.



# THE FARMERS MAIL AND BREEZE

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



Volume 43  
Number 25

TOPEKA, KANSAS, AUGUST 31, 1912.

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## DOING CHORES BY THE MILE THE RULE ON MANY FARMS

In this article Mr. Chase illustrates in a startling way how much time and how many steps may be saved in the course of a day, or a year, by grouping the farm buildings handily. In the special instance he cites this saving made a difference of 553 miles in a single year, or more than 1 1/2 miles travel on foot per day for those who did the farm chores. In these times of system and labor-saving here is a good thing for each man to look into for himself. What kind of a chore map would your farm show?—Editor's Note.

IT IS rarely possible to have two sets of buildings exactly alike. Each individual has his own ideas and seldom do two farms possess the same equipment or the same livestock. This makes it impossible to more than suggest certain general rules, plans and comparisons in this discussion. Extensive landowners in the grain belt states

### Two Chore Maps Which Show What May be Saved by Grouping Buildings

Written For Farmers Mail and Breeze

BY C. F. CHASE

Assistant in Farm Mechanics K. S. A. C.

There are various opinions in regard to the second point, as often it is quite essential to have an open view from house to barn and sometimes the women of the farm prefer this.

It is not unusual to see farmsteads with the water tank from 1 to 500 yards from the barn. This is almost a lamentable mistake. Any one who

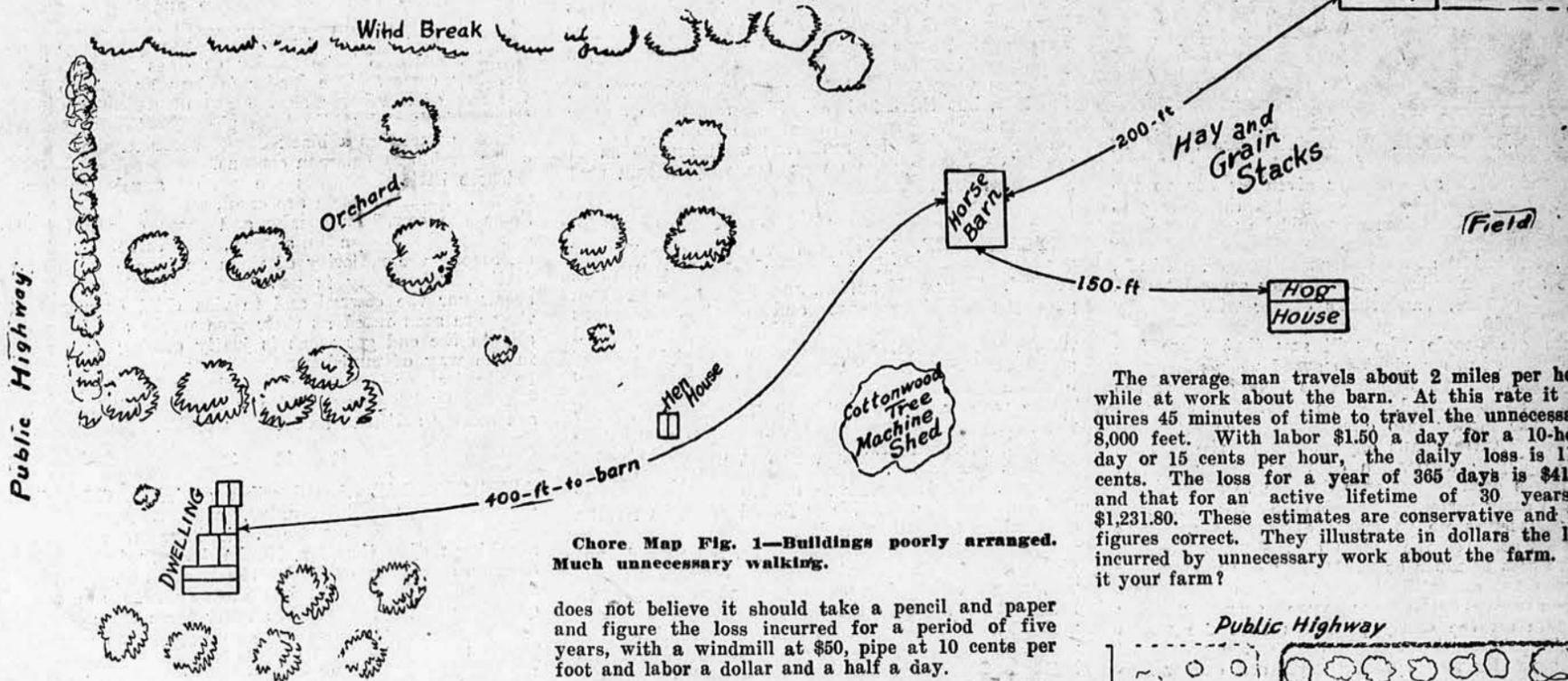
trips for one, each trip 400 feet, equals 4,800 feet of travel.

The cows have been put in the barn or in the lot beside it, hence this travel is practically nothing. The hog pens have been moved up 100 feet so that the eight trips require 800 feet of travel.

Total travel in first case equals.....13,600 ft.  
Total travel in second case equals..... 5,600 ft.

The difference or loss for each day.... 8,000 ft.

This means that the arrangement of buildings in Fig. 2 will save more than 1 1/2 miles a day in extra steps, or 553 miles in a year. Figure how many hours it would take you to walk 553 miles and you will get a pretty fair idea of the saving in time to say nothing of the saving of shoe leather.



Chore Map Fig. 1—Buildings poorly arranged. Much unnecessary walking.

does not believe it should take a pencil and paper and figure the loss incurred for a period of five years, with a windmill at \$50, pipe at 10 cents per foot and labor a dollar and a half a day.

Even the arrangement and location of the buildings is very important. A particular instance is cited, represented by the following figures which shows how an unthinking man lost \$1,231.80, died poor and never knew how it happened. And this was only a fraction of his loss. Study the problem that is here worked out and see if it doesn't pay to have convenient buildings.

Fig. 1 shows how a set of buildings was located which came to the writer's attention. The day's routine of work on that farm on the average was about as follows:

Four trips to barn and back four times a day for three people; that is, before breakfast, after breakfast, at noon and after supper, or 12 trips of 800 feet for one person, equaling 9,600 feet of travel.

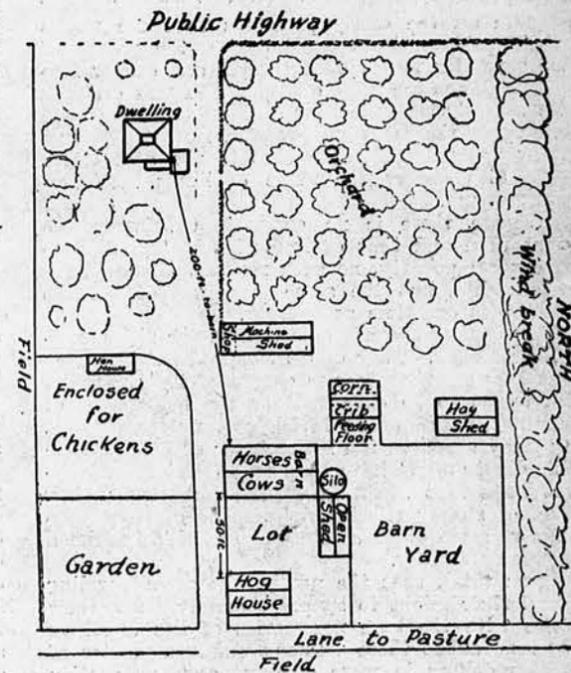
Two trips from barn to cow lot and back twice a day for two people, or four trips for one, equaling 1,600 feet.

Eight trips from barn to hog pens and back for one man, equaling 2,400 feet.

A little study shows that the buildings in Fig. 1 might have been placed as shown in Fig. 2 and have had equally good drainage without being too close to the house to be disagreeable in any way. With the buildings so arranged and going through the same routine as before, the work is as follows:

Four trips to barn and back for three, or 12

The average man travels about 2 miles per hour while at work about the barn. At this rate it requires 45 minutes of time to travel the unnecessary 8,000 feet. With labor \$1.50 a day for a 10-hour day or 15 cents per hour, the daily loss is 11 1/2 cents. The loss for a year of 365 days is \$41.06 and that for an active lifetime of 30 years is \$1,231.80. These estimates are conservative and the figures correct. They illustrate in dollars the loss incurred by unnecessary work about the farm. Is it your farm?



Chore Map Fig. 2—Buildings in Fig. 1, rearranged to save more than a mile and half per day of extra steps in doing the chores, or 553 miles in a year.

are accustomed to dividing the large farm into several small farms, enabling the men on the whole to be nearer the fields. This avoids a great waste of time going to and from the fields. Likewise, for the same reason and as a first consideration, the buildings of the small farm should be located at some central point.

Natural drainage and sanitation cannot be overlooked. It is better to place the barn and filthy lots by the roadside than to allow them to drain from the barn toward the house.

Other points to consider in locating the buildings are the public highway, the school, trading point or town, prevailing wind, natural protection, such as hills or timber, general view—from the house in particular—and lastly the quality of the land. Sometimes the buildings can be located to advantage on the poor land.

A matter which is important, though not financially so, strictly speaking, is ornamental decoration. A certain authority cites the following points to observe in this regard.

1. Preserve a good, broad, open lawn.
2. Plant trees and shrubs between the house and sheds, thus cutting off disagreeable views.
3. Have trees back of the house for shade.
4. Put trees north of the house, unless orchard is on that side to serve as a windbreak.
5. Have a windbreak north of the sheds and feed lots to protect the stock.

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

A. L. NICHOLS, Associate Editor.

E. W. RANKIN, Advertising Manager.

### Editorial Contributors.

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 PROF. A. M. TEN EYCK, PROF. W. M. JARDINE,  
 PROF. CHARLES DILLON, PROF. L. E. CALL,  
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40 cents per agate line. 104,000 circulation guaranteed.

No liquor nor medical advertising accepted. By medical advertising is understood the offer of medicine for internal human use.

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

### OUR ADVERTISEMENTS GUARANTEED.

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."

### SPECIAL NOTICE TO ADVERTISERS.

Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. We begin to make up the paper on Saturday. An ad cannot be stopped or changed after it is inserted in a page and the 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**

**THE EXTRAVAGANCE OF THE IDLE RICH.** A week or two ago the associated press told of the lavish display of Mrs. Stuyvesant Fish at a dinner given by her to the people of her set. It was estimated that the cost of this single entertainment would be not less than \$100,000.

Mrs. Vanderbilt at once proposed to see Mrs. Fish, to use a sporting phrase, and go her several better. The cost of Mrs. Vanderbilt's dinner will probably reach \$150,000.

There are people who will say that these immensely rich have a right to spend their money as they choose and that so long as they spend it the people are not harmed, for the reason that they are putting the money into circulation. The reasoning is faulty. Extravagant expenditure of the rich on mere display, gratification of their vulgar vanity, has always been of immense damage to society.

In the early period of Rome's decay the patricians gave themselves up to lavish extravagance. It is said that some of the feasts of the most wealthy Romans cost as much as \$200,000 in our money.

It was not a healthful sign. While these few proud arrogant patricians were spending their money in all the costly pleasures that the minds of their paid servitors could devise, the people of Rome generally were sinking deeper and deeper into poverty. When the reign of Louis XVI was drawing to its fateful close, the king and his flatterers were indulging in the most extravagant, riotous luxuries. And by the way, I notice that in the decorations at the Fish dinner the name of Louis XVI frequently occurs.

Of course there is no comparison between the present time and that of Louis XVI. There is no such general poverty, no such reckless disregard for human rights, but the same causes produce the same effects one time as another.

It is not that there is objection to the rich spending their money. They ought to spend it. But they are at best only trustees in charge of their fortunes which ought to be expended for the betterment of humanity instead of in lavish and vulgar display. The money spent on the Fish dinner or on the Vanderbilt dinner might have been used in a hundred different ways that would have made conditions better instead of simply stirring up a spirit of envy that pushes on some other of the vulgar rich to make a still greater display.

Do you think that the people who are struggling with all their might to supply themselves and their families with the bare necessities of life can look on or read about these women spending a quarter of a million dollars in mere display and to gratify their personal vanity, and not turn away from the page with a certain feeling of bitterness toward the idle rich who squander money they have never earned?

Extravagance begets extravagance. When the very rich indulge in vulgar displays of wealth and

extravagant waste of money, those not quite so rich try to emulate them and so on down the line. Extravagance not only begets extravagance, it begets envy, hatred and moral degeneracy.

I am not disposed, however, to heap upon these idle and extravagant rich savage maledictions such as some of their critics heap upon them. I think that they are themselves the victims of ignorance as to what constitutes true happiness.

If the truth were known it would probably be found that these people enjoy no more of real happiness than the average person who toils from day to day and from year to year to gain a modest living.

The whole world is seeking happiness, but as yet a comparatively few have discovered the great truth that selfishness and greed and happiness are incompatible; that evil thoughts and evil deeds must inevitably lead to misery.

One of these idle and selfish rich gives a banquet which surpasses in magnificence and show anything that has preceded it. It arouses the envy and hatred of the other idle rich, who if they have the means, try to out- rival the display made in the first instance. And so the contest goes on, each wasting his substance on that which is not meat, on empty show of vanity that does not satisfy the soul, until at last death overtakes the men and women who have spent their lives in the vain pursuit of pleasure and they go to their graves feeling that the world has been an empty show and that all is vanity.

Take the matter home to yourself and I think if you have ever done a real unselfish act with a view of helping your fellow mortal, with the object of making the world a better place in which to live and of letting sunshine into some darkened human life, that that deed will be the one that you will remember with the most satisfaction.

If history teaches anything, it certainly teaches that the extravagance, the vulgar wasting of money for mere pomp and glitter and show, breeds envy, class hatred, dishonesty and crime, tends to undermine the foundations of society and unless checked will eventually destroy the republic. Coupled with it is an unholy lust for power, a disregard for justice, an indifference to human rights.

But these rich are blinded by their selfishness. They do not know what they do any more than the men who cruelly crucified the Nazarene. They have never had the vision of what constituted real happiness. They are pursuing a will o' the wisp, a phantasy that has no real substance.

Maybe they will not learn the truth until it is too late, but there is hope. Here and there among them is one who seems to begin to see the light, to realize that only by rendering such service as is possible to their fellow men can they attain real happiness for themselves.

**INTOLERANCE.** This leads up to something I want to say about politics in general. The world suffers and always has suffered greatly from intolerance and bigotry. Religious and political intolerance and bigotry have caused untold suffering in the ages that are past and today stand in the pathway of progress and hinder the upbuilding of humanity.

The man with a new idea, with a new plan for the betterment of humanity which runs counter to old and accepted traditions, finds himself bitterly assailed, persecuted, ridiculed and reviled beyond measure. He is forced to endure slights, obloquy and personal danger. He is forced often to flee as a partridge to the mountains.

His argument is not listened to, his plan is not given a respectful hearing. If it appears that it will upset established customs that is enough to bring down upon it the wrath of those who are wedded to the things that are. The fight on the new idea is led by those who enjoy special privileges under the conditions that may exist, but strange as it may seem, multitudes of those who enjoy no special privileges, but who on the contrary suffer from unequal conditions, join in the pursuit of the man who would make their conditions more tolerable.

In time perhaps the new idea triumphs. The man who was persecuted, if he has not been killed by his former persecutors, becomes a hero, revered and honored by his fellowmen. And then frequently a strange thing follows. The very men who suffered by reason of their devotion to a new idea when once raised to positions of honor and power become themselves intolerant and when some other man brings out a new idea they join in oppressing him. They become as intolerant as were those who persecuted, ridiculed and oppressed them when they were advocating new ideas.

A little band of men and women, oppressed, harassed, persecuted, took their lives in their hands, and embarked on a stormy voyage to an unknown wilderness in order that they might enjoy the blessings of religious liberty and be permitted to worship according to the dictates of their own consciences. And yet when they had once established themselves in the new land, when they had acquired for themselves the blessed privilege of liberty, they became as intolerant, as bigoted, as cruel as those who had oppressed them and their fathers and forced them to abandon the homes of their birthplace.

Curious, you say. Yes, and yet not so curious after all. For it seems that only a few have acquired that broad vision that sees the full force of

the Golden Rule, that would do unto all men as you would that all men should do unto you.

So with our short sightedness, our intolerance, we fight each other, we abuse each other. We heap calumny on each other and preach the gospel of hate instead of the gospel of love.

We talk a great deal about democracy but we do not practice it. The little child is the only true democrat. Before his natural inclinations have been perverted by artificial education he knows neither race, condition nor creed.

The little child of the rich is ready and anxious to fraternize with the children of the poor. He will as readily seek his playmates among the little boys whose fathers have to toil daily for bread and clothes for their families, as among the children of the pampered aristocrats, who have been educated to believe that they have some God-given right to live in idle luxury from the fruits of the toil of their fellowmen.

This little unsophisticated democrat neither draws the line of wealth nor of race. He returns affection for affection and good fellowship for good fellowship, no matter where he finds it. The little child of the slave owner played with the children of the slave and sought for comfort in his childish troubles in the arms of his black nurse. Racial distinctions troubled him not at all. If he could have had his way about it he would have vetoed any Jim Crow car arrangement that separated him from the black folks he liked.

This same natural democrat draws no line on the Mongolian or the Slav. All races and conditions of men look alike to him so long as they treat him with kindness and affection. It is only after he grows older and is artificially educated that he begins to draw lines of social and race distinction. It is after selfishness and artificial pride have been inculcated that he begins to shun the companionship of those who have to work for a living, or whose skin is of different color from his own.

Most of our differences are artificial, not natural. Differences there are among men, naturally, but they are different from the artificial ones known to the society of the present. For example, some men are born leaders of other men. The qualities of leadership crop out in the play of children. One boy naturally assumes leadership and his companions just as naturally accord it to him, but that leadership is not determined by the parentage or social standing of the family or class from which the boy comes. The leader is just as apt to be the son of a laborer as the son of a banker and where black and white boys play together, I have noticed sometimes a black boy is accorded the place of leadership by common consent.

These little democrats are not all angels by any means. Some of them are cruel, mean little bullies. Some are cowardly sneaks and most of them inclined to be selfish in a way, but there is after all among the majority of them an innate sense of justice. The bully is not popular, neither is the sneak nor the coward and in this child democracy they are soon rated at their true worth and generally in the end get what is justly coming to them in the way of punishment. That punishment may be physical, or it may be ostracism, which is worse.

What I wish to emphasize is that our distinctions are mostly artificial and undemocratic.

**'ASKS SEVERAL QUESTIONS.** A subscriber at Vilas, Colo., S. M. Konkel, asks a number of questions. I have a sort of sneaking notion that Mr. Konkel has a mischievous desire to get the editor of the moral and agricultural guide in a hole, but anyway here are the questions and I propose to answer them frankly.

(1.) What did Roosevelt as president do to the trusts more than Taft has done? In fact, hasn't Taft prosecuted more of them than Roosevelt?

In my humble judgment the trust prosecutions under either Taft or Roosevelt have resulted in little or no benefit to the people of the country. I have said this several times before and now repeat it. As to the number of suits commenced under each administration I have not the exact information at hand, nor do I think the question of numbers is at all important.

(2.) You think Roosevelt and Wilson have the same idea of Big business. Do you think they have the same idea of "good trusts and bad trusts," and what is your idea of a good trust?

I gather from Mr. Wilson's letter of acceptance and Roosevelt's utterances, that their ideas concerning the regulation of trusts are very similar. Mr. Wilson declares in substance that there is no objection to the size of a business. The objection is to the manner of its conduct. In other words, Mr. Wilson does not agree with the proposition of Mr. Bryan to forbid any concern from doing more than a certain per cent of the business of the country in its line, but he would regulate the manner of conducting the business so that it could not plunder the people. That is, as I understand it, the same position as that taken by Mr. Roosevelt.

Of course Mr. Wilson differs from Roosevelt to some extent on the question of the relation of the tariff to the trusts but they agree on the fundamental principle that trusts are not to be destroyed, but regulated.

In my opinion it would be impossible to draw the line between "good trusts" and "bad trusts." No doubt the management of some of them has been

more grasping than the management of others and no doubt there has been more fictitious capital in some cases than in others, but none of them are particularly good. I think that all of them have been founded with the underlying idea of destroying competition and artificially raising or at least keeping up prices and that all of them take advantage of consumers as far as possible. They must therefore either be destroyed, regulated or taken over by the government.

As I believe that Big business is a natural evolution of our modern civilization, I do not think the old competitive system can ever be restored, or that it would be to the advantage of the public to have it restored if it could be. The public has not yet reached the point where it is ready to take over these great concerns and run them as public enterprises. Therefore the only thing left to do is to attempt regulation as suggested by both Wilson and Roosevelt. Whether such regulation can be made a success is yet to be tested.

(3.) At the time Roosevelt wrote the Outlook article condemning Taft for keeping big business in a state of constant turmoil and doubt by his senseless prosecutions, he had, I believe, one or two over Taft in the matter of big business prosecutions. Why didn't Roosevelt condemn himself?

It should be said in justice to Mr. Roosevelt that he has not claimed any great results from his prosecutions of trusts. He has practically declared that the Sherman law was impractical and that he ordered prosecutions commenced under it rather because it was the law than because he had faith in it as a remedy. I never had, however, very much sympathy for his criticisms of Taft for doing the same thing he had done.

(4.) If Roosevelt really wanted to "bust the trusts" why didn't he try the criminal clause of the bill?

My recollection is that Mr. Roosevelt's attorney general instituted several criminal prosecutions under the provisions of the Sherman law. I think the prosecution of the members of the beef trust was one. That suit dragged along for months and even years and finally resulted in the acquittal of the defendants.

In the case of the United States against the Santa Rita Mining company and Santa Rita Store company, indicted in New Mexico in April, 1907, the action was, I think, brought under the criminal clause of the Sherman law. The defendants were convicted and fined each \$1,000.

April 11, 1908, indictments were returned against five defendants in the case of the United States vs. the Naval Stores company. All five were convicted. Fines aggregating \$17,500 were assessed against them and at least two of them were sentenced to serve jail terms of three months each.

I simply mention these cases to show that Mr. Konkell is not quite fair in saying that no criminal prosecutions were started against members of the trusts during the Roosevelt administration.

(5.) What do you think of the expression "The Morgan interests that are so friendly to us," and what would you say if Wilson in his letter of acceptance had suggested the advisability of getting solid with the Morgan interests?

I do not now recall the expression to which Mr. Konkell refers. No matter what Mr. Roosevelt may have said or done in the past, however, it is entirely evident at this time that the Standard Oil interests are not friendly to Mr. Roosevelt.

No one would expect Mr. Wilson to suggest the advisability of getting solid with the Morgan interests. Mr. Wilson should be credited with having some political sense. The fact is however, that the Morgan interests were quite well pleased with Mr. Wilson's letter of acceptance.

(6.) What do you think of a president calling in a Morgan, Harriman, etc., to edit, censor or revise his messages for him?

I certainly would not approve of it, neither do I believe for a minute that Mr. Roosevelt permitted these gentlemen to revise, edit and censor his messages. Whatever you may say or think about Roosevelt he is not the kind of a man who would permit anybody else to edit or revise what he had to say.

(7.) While Roosevelt was president the trusts increased several fold. Have we any reason to believe it won't be so if he becomes president again?

I do not know of course what will happen if Mr. Roosevelt becomes president again. Personally I am disposed to give Roosevelt credit for sincerity in his present statements.

(8.) How can two reasonable men like you and me have any confidence in a man's trust-busting talk whose campaign is financed by the Morgans, Perkinses, McCormicks and all other trusts and bosses going my way?

I do not know to what extent Mr. Roosevelt's campaign is being financed by the gentlemen named. It is fair to say however, that Mr. Roosevelt is not pretending to make a trust-busting campaign. I can understand how it might be entirely possible for even the heads of trusts to come to the conclusion that it would be better for them to submit to reasonable regulation than to be harassed by continued suits, so that it is not necessarily inconsistent for them to support Roosevelt and for him to be entirely honest in his declarations.

(9.) Why did it happen that Roosevelt made the discovery that a good man can do nothing at the head of either of the old parties only after the steam roller had flattened him out at Chicago?

It occurs to me that the steam roller furnished a most convincing argument in favor of that position, at least to the man who had been run over.

(10.) Why didn't Roosevelt back a real progres-

sive in 1908, and do you not think that he would have stood a better chance in forcing a real progressive on the party this year than in forcing himself on it?

Mr. Roosevelt may have been deceived in his estimate of Mr. Taft, as a great many others were deceived. I am of the opinion that Mr. Roosevelt could have forced the nomination of a real progressive at Chicago and that is what he should have done.

(11.) Could it be possible that the desire to get certain support away from Taft had anything to do with the Roosevelt protective plank and trust regulating plank?

Certainly that is possible. I do not know the motives that prompted the writer of that platform, whether it was Roosevelt or some one else.

(12.) All the principal bull moose planks were offered in the 1908 convention and turned down by Roosevelt, because he explained "the convention endorsed my policies and that was all that was necessary." If that was all that was necessary when another man was to do the work why wasn't it all that was necessary when he was to do the work himself? Why not, as in 1908, just have said, "We endorse the Roosevelt policies," and let it go at that?

I hardly think Mr. Konkell is asking that question seriously. Of course conditions in 1908 were not the same as in 1912. New questions have arisen, at least new to most of the people.

Whatever I may think or whatever Mr. Konkell may think of Roosevelt I still maintain that the platform adopted by the Progressive party at Chicago is altogether the most advanced and best written of the three platforms adopted at either Chicago or Baltimore.

**AUTOMOBILES AND GOOD ROADS.**

Tom Brown, of the State printing plant, who has ideas about other things as well as printing, comes to the front with a suggestion. He proposes a tax on automobiles, motorcycles and bicycles, to be collected as the hunters' license is collected now, the entire proceeds to be applied to the building of roads, first from county seat to county seat and later as the fund grows, to other roads.

He would collect an annual tax of \$5 on automobiles, \$3 on motorcycles and \$1 on bicycles. The license would be collected through the county clerk's office and therefore without additional cost for collection.

The money would be turned into the state treasury as the hunters' license money is now and kept as a state good roads' fund. The money so collected would be distributed among the various counties for the purpose of establishing county seat highways between county seats by the most direct and practical routes.

Half the cost of the highways between county seats would be paid out of the state good roads fund and half by the counties. Specifications for the road to be built would be made or O. K'd by the state engineer before any money for the building of such road would become available.

Based on the number of machines reported for taxation this year Mr. Brown estimates that the license tax for a year would produce approximately \$100,000 and that the fund would increase each year as the number of machines increased. Every dollar so contributed by owners of automobiles, motorcycles and bicycles would go in the building of good roads. In the course of a few years there would be a connected system of good roads joining all the county seat towns of the state.

**FARMERS MUST CO-OPERATE.**

Editor Farmers Mail and Breeze—The farmer has become accustomed to hang on the tail end of his business affairs, letting other interests do the head work. He now sees that the other fellow is not doing it for his health.

I have read how organization and co-operation have lifted the farmers in Ireland from the verge of bankruptcy and ruin, which was threatened a few years ago, to prosperity and contented homes at the present time. We farmers in the United States of America seem to be slow to learn the advantages of organization and co-operation, for today we are competing against one another in the marketing of our products.

We have a very plain object lesson here in the wheat belt at the present time in the marketing of our wheat. The Shrewd Speculator who anticipated just what we were sure to do, sold several million bushels of wheat for future delivery. He is now purchasing wheat from us, who are forced to sell to meet our obligations, at 20 cents per bushel less than his contract price, thereby clearing several hundred thousand dollars in about 30 days, while we are not getting the cost of production.

We sit up and applaud the shrewd speculator for taking advantage of our unorganized condition, and cuss the grain buyer and the miller for letting the price go down, when these men are trying their best to purchase at a low enough price to avoid a disastrous loss to themselves on account of the farmers competing to sell.

During the pre-educated period when "Competition is the life of trade" was supposed to be the right way of doing business, each business concern was trying to outdo the other in underselling to dispose of its products, just as the farmers are doing today, but the intelligent business men soon learned that competition was eating out their vital interests. They organized and co-operated and saved the day.

Necessity was the mother of the invention of organization and co-operation with them then, and it is the same with us now. We must adopt the new inventions in business as well as the new inventions in machinery. There would be just as much sense in our demanding that improved business methods be withdrawn as to demand that improved machinery should be withdrawn. Competition in business today, that is, in lowering prices to unload products or over-stocking the markets

in manufactured products would be very disastrous to our whole financial system.

Competition is the cuss that weakened the little concerns and forced them into co-operation with their stronger rivals. It is just as impossible for this country to continue to develop its natural resources without these co-operative trusts as it is for co-operative trusts to exist without the country.

Government regulation and control is a beautifully colored, high-flying butterfly for us to chase and try to catch. In looking up at it while we run to catch it, we do not see the rocks and ditches over which we are sure to fall and break our necks.

Government regulation and control means a sure profit on the investment for the trusts. The owners of these trusts will tell the government, "Our plant cost so much, our repairs so much, our taxes are so much, our labor so much. Are you willing to set prices which will leave us a profit on our investment?" The government will answer, "Sure thing." The farmer tells the government, "My farm cost so much, my taxes are so much, and labor so much. Are you willing to set prices which will allow me a profit?" The government will answer, "Go soak your head and don't ask any more such foolish questions." Why? Because we are not organized and co-operating like other business interests are doing.

I want to say to my brother farmers that we must organize and co-operate in our business affairs to offset the organization and co-operation of the other business interests.

This country is divided into two distinct classes. The highly educated and the lesser educated. The highly educated classes co-operate with one another to hold the lesser educated classes subordinate. When we take into consideration that less than 5 per cent of the farmer boy high school graduates return to the farm, we do not have to be told which of the two classes the present day farmers are in. This is not saying that none of our farmers are highly educated, but when you see that 95 per cent of the farmer boy high school graduates seek other associations than the farming class, it ought to be very apparent to the farmer to which class he belongs. If we will organize and co-operate a few years we will make the farming industry so attractive that our boys will be drawn back to the farm.

He who wishes to reform big business must first reform his own business, and when he has accomplished the latter his business will be advanced to a level with the business that now looks too high for him to reach.

Don't be like a lot of children and cry for the government to "bust or control big business." Organize and co-operate, and we will be on equal financial footing and social standing with any business or social interest in the United States or any other nation.

If we wish to reform the business of the United States we'd better begin at our own door and do a little reforming in our own affairs. When we have done that we will not have occasion to find fault with the corporation and trusts. The trouble with us farmers is we have become accustomed to hanging on to the tail of our business affairs and letting the other interests do the head work, and when we learn that other interests are not going to do our head work for us for fun, we ask the government to regulate or control big business, and when we find our request has been granted we will discover that the last tail that we held on to belonged to the mule, and our business affairs will have been kicked into smithereens.

J. U. SHADE.  
Member of Farmers' Educational and Co-operative Union of America.

The language of Mr. Slade is a trifle strong in places, but speaking generally, I agree with him. I believe thoroughly in the principle of co-operation.

**For Governor—Arthur Capper**

The primary vote of August 6:

Arthur Capper (Rep.).....	81,554
Frank Ryan (Rep.).....	34,216
Geo. H. Hodges (Dem.).....	29,592
J. B. Billard (Dem.).....	20,505
A. M. Jackson (Dem.).....	10,701

Arthur Capper carried every county in the state with the single exception of Leavenworth county—the home of Mr. Ryan, Mr. Capper's Republican opponent. In Shawnee county Mr. Capper's plurality over Mr. Ryan was 3,103 and over Mr. Billard, his fellow townsman, 2,315.

It is seldom that the people of Kansas have given so enthusiastic indorsement to the candidacy of any man for a state office, and we believe that few candidates have ever been more deserving of such indorsement.

It has come to Arthur Capper because the people of Kansas, from state line to state line, know him as they know few other men, and because they feel that he knows them and is in sympathy and accord with their beliefs and their desires. His whole life has been spent in this state; for more than thirty years he has been a newspaper publisher and editor in close touch with public sentiment throughout the state, and in all that time without ever truckling to passing sentiment he has been the exponent of the best thought and the highest principles of the people of Kansas.

Starting 35 years ago as a "printer's devil," by his own efforts he has built up one of the largest publishing houses in the United States. He has demonstrated his ability to manage large affairs, and he can be depended upon to administer the affairs of the state of Kansas with the same conscientious care and faithfulness that he has given to his private business. He looks upon the office of governor as that of business manager of the state's interests and he holds himself responsible solely and entirely to the people of the state.

We know that he will make an ideal governor, a credit to the state and to the party that elects him, and we appeal to all citizens of Kansas, irrespective of party or factional affiliations, to give their support to this native son of Kansas—Arthur Capper—for a fair, square, business administration.

**CAPPER-FOR-GOVERNOR-CLUB.**

W. A. NEISWANGER, President.  
Topeka, August 26, 1912.

# THE BUNGALOW AS A HOME

**T**HERE is nothing in the last few years that has taken such hold of the American people as the modern, up-to-date bungalow. It is not a fad. It is here to stay. And there's a reason. The charm of the bungalow is universally conceded. For convenience, harmony and beauty it has no equal. Other good points are its substantial, yet inexpensive construction, the absence of all cheap ornamentation. And finally that it is entirely different from the usual style of architecture and its pleasing exterior with the practical interior, both combine to make it the ideal home.

The bungalow in this illustration has attracted more than ordinary attention. The low rambling roof gives it a striking, yet restful, appearance. The porch has a broad, comfortable seat built out on side. The first floor has a vestibule, five rooms, a bath room and a sleeping porch, all complete on one floor. A strong feature in this plan is the easy access to bath room from all other rooms. The sleeping porch in connection with a bedroom is a splendid arrangement. The windows on this porch slide up and into the partition and are out of the way. In winter time they are down and the porch is used as a sun-room or children's bed or play room. The front bedroom has a wall bed built in and may be used as a library or sitting room.

The kitchen is well arranged and has a worktable running clear across on one side. It has a California cooler, drawers, flour bins, spice case, bread board, cupboard, etc., all built in. The large opening between dining and living room has book cases with art glass doors built in. The buffet in dining room must be seen to be appreciated.

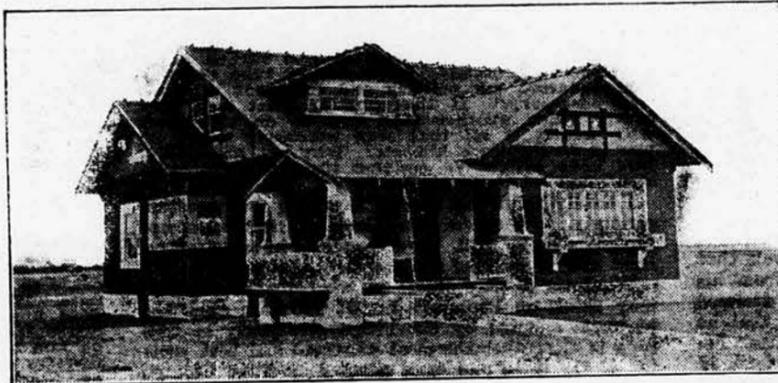
Second floor has an extra large bed room and a smaller bed room, small store room, closets and a hall or nook at the head of stairs, for a sewing room.

White cement blocks are used in the

**It Combines Beauty With Utility and is Suited to Western Conditions**

**BY E. LUNDBORG**

Written For Farmers Mail and Breeze



Bungalow at Park View, a western home. The bungalow type of house combines a practical interior with a pleasing exterior and is well suited to our climatic conditions.

foundation, white brick piers for the porch, outside walls may be either brick or frame, if frame to be shingled and stained a very dark brown, and all trimmings ivory white. For a simple, practical home it is hard to beat.

## Stucco Finish For Houses

BY GEORGE J. HOOD,  
University of Kansas.

[Written for Farmers Mail and Breeze.]

Stucco, when used as an outside finishing coat for houses, is chiefly a mixture of Portland cement and sand. Within the last two years it has been very extensively used. The finishing coat may be of almost any color and of any texture. A stucco house is

cool in summer and easily warmed in winter.

Stucco may be applied instead of siding as a finishing coat for new or old frame houses. It makes the exterior walls practically fire-proof. It may also be applied directly to brick, stone or hollow tile walls.

The original cost of stucco finish on a frame house is slightly in excess of the cost of paint and siding, but the stucco is permanent and does not require refinishing as does a painted house. The cost of repainting a house the first time amounts to more than the difference in first cost between stucco and wooden siding.

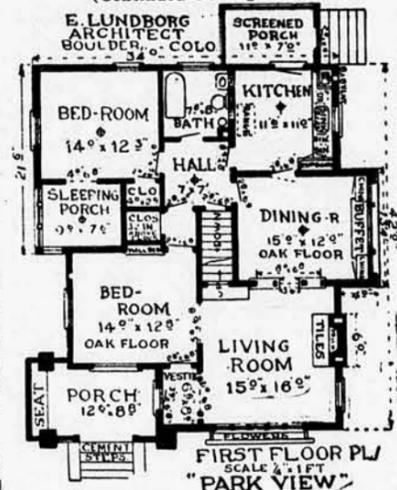
There are two ways of preparing a frame house for stucco finish. Ordinarily the house is framed and

sheathed tar paper is applied on the outside and is held in place by ordinary good lath nailed on vertically and spaced about 8 inches apart. Sheets of metal lath are next firmly attached by means of staples driven through the wood lath. The coats of stucco are then trowled on to a thickness of about 3/4 inch.

Steel surrounded by cement will not rust. Since the stucco does not entirely cover the back side of the metal lath, it is advisable to use a metal lath made from pure iron instead of steel. Iron will scarcely rust at all while steel rusts rapidly.

The second way of building frame stucco-covered houses is to put up ordinary studding, but no sheathing. The frame is well braced on the inside with temporary braces. A deep meshed metal lath is well nailed directly to the studding. Coats of stucco are trowled onto this lath inside and outside to a total thickness of about 2 inches. The studding keys about 1 inch into the stucco and makes a very stiff construction, which is more near-

(Continued on Page 13.)



# IMPROVEMENT IN LIVESTOCK

A beef shortage which promises to last for years, the silo, the good price and steady demand always found for prime grain-finished western steers—these and many other things of advantage to the man in the grain belt—have awakened general interest to the fine profit opportunities in cattle now offered us in Kansas. Mr. Markley's article is based on 20 years' experience, gained during the period of low prices for cattle and the evolution from range to present-day conditions when, it has become apparent, the grain belt is about to take its proper place as first and best beef-making territory in the Union.—Editor's Note.

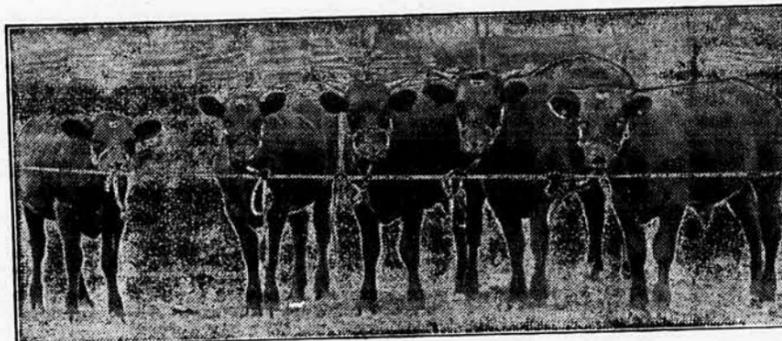
**I**F YOU are contemplating starting a herd of cattle at the present time, my advice would be to buy few in number but as good in quality as could be found worth the money. Then by adding two to four full blood heifers to the herd, in five years you would find you were in the business. This you could do with little extra expense. You of course would have a purebred bull at the head of your herd. Another advantage in starting with a few purebreds is that you grow in your business, you build up your trade as your herd grows in number. You also get acquainted with and gain the confidence of the buyers. This you need to have for without this any business is a failure. When making a sale sell a calf for just what it is and no more. So many think that a good sire is all that is necessary. I want a good calf as well.

I have in mind a young man who three years ago bought two purebred cows, both in calf, and with the exception of buying one bred cow this last spring and adding a herd bull last fall, he has increased his herd to 16 head, and has sold a few male calves at a fair price. I had the pleasure of visiting him and seeing his herd a few weeks ago. He is raising seven calves this year, six of which are heifers.

**A Veteran Breeder on How a Beginning May Be Made in Purebred Cattle**

**BY A. M. MARKLEY**  
Mound City, Kansas

Written For Farmers Mail and Breeze



A group of Orange Lads bred and raised in Kansas by Mr. Markley. These young Shorthorns composed his junior show herd last year.

Now, you can imagine what two more years will do for him in the cattle business. He will be where he can commence to sort his cows and heifers to suit his fancy. He has learned to like the business and learned he can produce a \$75 calf with more profit than a \$20 calf. And a calf that won't bring \$20 in the fall had better be sold for veal at 6 to 8 weeks old when they will bring from \$10 to \$17 each. So many of the farmers don't give this calf business enough study. What looks better on the farm than a bunch of well bred cows headed by a purebred bull and backed by a liberal feeder? So many people think that if they have a purebred cow they have to keep it in

show condition and that such cows are more of an expensive luxury than a profit on a farm. This is not the case. It is only an old idea handed down. Just give the cows good farm care and you will see what they will do in return for you. In keeping up the farm you have to handle something more than the average in the way of stock in order to get the boys interested and keep them on the farm. It is not much wonder some boys look for anything but the farm.

## The Ins and Outs of Registry

BY DR. C. W. McCAMPBELL,  
Secretary Kansas Livestock Registry Board.

[Written for Farmers Mail and Breeze.]

(1) What number of crosses is required

in breeding to a purebred stallion, beginning with a scrub mare, before the offspring is eligible to registration? How many crosses in breeding cattle?  
(2) If a man puts a horse on the stand and advertises him as a purebred and it later develops that the horse cannot be registered, can fees for the season be collected? If a man breeds a purebred mare to such a horse, intending to have the offspring registered, is the stallion owner liable for damages?  
(3) Where are the Percheron studbooks kept and where can I get pedigrees of different horses?  
(4) Has the state of Tennessee any laws for registering jacks and horses?  
(5) What constitutes a purebred jack and how many breeds of jacks are there?  
—J. V. C., Texmo, Okla.

1. The number of purebred crosses a horse must have before being eligible to registry depends upon the breed of the horse in question. However, most recognized registry associations require that both the sire and dam of the horse in question must be sired by a registered stallion and out of a registered mare. Cattle registry associations do not accept top cross animals for registration. Sire and dam must both be recorded.

2. If a stallion owner advertises a stallion as "purebred," "registered," "thoroughbred" or in any manner indicating that such stallion is a purebred, and it later develops that this horse is not a purebred stallion, the owner of this stallion cannot collect service fee from mare owner who patronized such a stallion with the understanding that the stallion in question was a purebred, and in most states the stallion owner would also be liable for damages. If a man owning a purebred mare bred her to a stallion claimed to be a purebred and it developed that he is not the owner of such a stallion he is liable for damages.

3. At present there are two recognized Percheron registry associations: Percheron Society of America, Wayne Dinsmore, secretary, Union Stock Yards, Chicago, Ill., and the American Breeders & Importers Percheron Regis-

(Continued on Page 13.)

# Studebaker

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We know that we need no introduction to the farmer, but we want you to know that the same Studebakers that have been building wagons and other vehicles for you, for your father and grandfather, for sixty years, are also building Studebaker automobiles.

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The same policy that stands behind all of our vehicles stands squarely behind our cars.

Our biggest asset is the satisfaction of owners, and we can't be sure of that unless we make cars that will first please you by their appearance and their moderate cost—and then keep on giving you satisfaction by giving you good service at moderate cost.

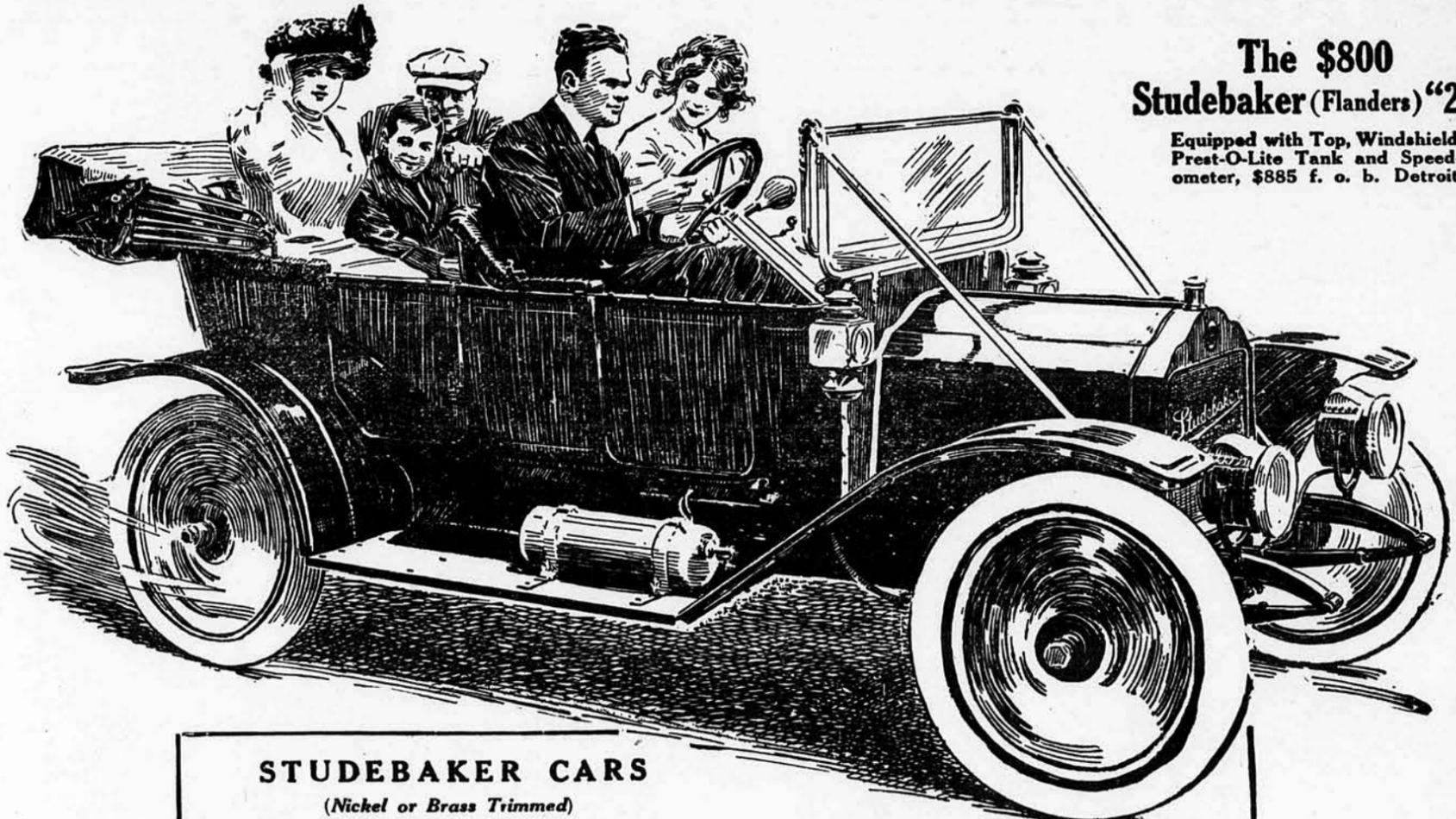
We know that you want a car that is made of the best possible materials, an honest car built for real work, so thoroughly tested in its parts and so well put together that with reasonable care there is nothing to get out of order.

That is just what you get in a Studebaker car—a car in which all the skill and experience of our big organization is applied—best in quality and workmanship—a car so easy to operate that any member of the family can run it.

You will like the roomy comfort of our cars—you will feel secure. You will find that our long years of practical experience have produced an automobile that stands in the front rank—an automobile with a style and finish and efficiency that will always make you proud to be one of the 81,000 enthusiastic Studebaker owners.

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**JAYHAWKER FARM DOIN'S**

BY H. C. HATCH, GRIDLEY, KANSAS.  
We like to get the experiences, views and opinions of "our folks" on any farm or livestock subject particularly if 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.

Our last daily says that "fair to good rains fell over most of Kansas last night. In most sections the fall was about an inch." They had not heard from this neighborhood. Here 3 inches fell while a short distance north they had a fall of 5 inches.

It is needless to say that such a rain is of immense help to crops even if they have been dry a little too long. It is a common saying that rain always falls in Kansas just about 15 minutes before it is too late. This rain fell during the last 15 minutes.

It is evident that Kafir corn is going to stay ahead of common corn for another year. At least it is in this section and it makes the third year in succession that it has beaten corn out. During the first 10 years we lived in Kansas Kafir hardly kept even with corn so far as yield of grain was concerned but now it is ahead right along.

When this dry period of years through which we now seem to be passing leaves us and the oldtime seasons come again to eastern Kansas it is likely that corn will again become the most profitable crop although it will have to do well if it beats Kafir at present market prices. For some time Kafir has been quoted on the Kansas City market at \$1.65 to \$1.68 per hundred pounds.

If an average yield of 30 bushels to the acre of Kafir can be grown, a very moderate crop on good soil, it would mean a return of \$18 per acre if only \$1 per hundred pounds could be secured. Kafir is supposed to have a legal weight of 56 pounds per bushel in Kansas but in reality it is one of the heaviest grains grown and hardly ever falls below 60 pounds per bushel.

We were talking some time ago with a man from the best producing grain section of Nebraska and he was asking about what was to him a strange crop, Kafir corn. We told him what a fair average yield was and then he asked the price. At that time local buyers were paying 90 cents per hundred pounds. When told that land which would grow 30 bushels of Kafir per acre could be bought for \$40 to \$50 per acre he said, "Why, Great Scott, that is a better return by far than we can get for our land which is priced from \$100 per acre up! He meant that for the money invested Kafir growing in Kansas paid better than corn growing in Nebraska.

There isn't a farmer in Kansas but knows that Kafir does not get a fair show. It is always planted on the poorest ground and it is given the poorest care of any of the crops. If any crop is neglected, it is always Kafir, for Kafir, as they say, can stand anything. We have never yet seen a field of Kafir on good bottom ground in this county and we would like to know how much it would yield if it had a real fair show for once.

The reason why formerly we always had better yields of corn than of Kafir is without doubt the reason given above. But there is still another reason, and this is, we had at that time a different variety of grain. It was white Kafir, all right, but it was not the kind we have today. If bad weather overtook it when the head was pushing out it would stop and then when a rain came it would mould "in the boot" as it was called. The variety of white Kafir we are raising today will yield almost two to one over the old kind in an average season.

This is a lot about Kafir to be sure, but don't think we have gone daffy over it. The acreage planted to common corn will always be likely to be double that of Kafir on this farm, for we like corn better for feed except for poultry.

Eastern people have found out that it is good for poultry too, hence the high price paid for it. If grain is to be grown for the market we see no reason why it should not be Kafir for it is as sure as any crop can be in eastern Kansas and of late years it has been bringing higher prices per bushel than common corn.

Going back again to what the Nebraska man told us, we would like to ask how many localities there are in the West that pay a good rate of interest on high-priced farm land. Don't quote some limited crop for one season but give the whole production for a term of years and include hay and pasture as well as cultivated land. The tendency on high-priced land is to raise grain to sell and to cut out livestock as these land owners say they cannot afford to pasture cattle on \$100-an-acre land. A fair interest rate is 6 per cent. How many \$100-an-acre farms are paying a profit of \$6 per acre, after all expenses are paid?

On the poorer lands of the East and South a good deal of interest is being taken in Sweet clover as a restorer of the soil. Until late years Sweet clover was not thought to be fit for stock and the common impression was that no kind of stock would touch it unless perhaps it was sheep or goats. Now they are finding that stock can be educated to eat it and that they relish it and do well on it. A strong demand has sprung up for Sweet clover seed and for some time it has sold on the market right up with alfalfa seed. This has brought a new money crop into production here and a number of farmers living not far west of us have this year raised quite an acreage of Sweet clover for the seed.

Sweet clover, if not a native of this part of Kansas, grows as if it had found a congenial habitation. No roadside bank is too poor or limestone slope too rocky for Sweet clover to grow well. We have seen it grown, in a rocky cut in the road, as high as the wagon box and it seemed to be loaded with seed. When sown in the fields it seems to do well and it is easily harvested and threshed. Some threshing of Sweet clover has been done in this section already but we have not heard of any yields yet. A neighbor, passing where this crop was being threshed said that a very small pile of straw was behind the straw carrier when he went along but that they already had two full sacks of seed in the wagon. To get two sacks full of clover or alfalfa seed would make more than a small pile of straw. Sweet clover has always been thought a pest here up to this time but if the seed keeps on being worth \$7 to \$10 a bushel, we have an idea all kinds of insect enemies of the plant will develop and that it will finally become as hard to get a stand of Sweet clover as of alfalfa. We never notice that a plant has enemies until it gets to be valuable.

An Arizona reader asks for more information in regard to the hay loader. We can say, as to durability, what we said in this column three weeks ago, that we have used our hay loader for eight seasons on an average of from 65 to 100 acres each season and have yet to pay out a single cent for repairs and it is yet in fine running order. This would seem to settle the question of durability when the machine is kept under cover when not in use. He asks if we find it a money saver. Well, if we hired the hay pitched that this machine pitches for us, it would cost us at least \$3 per day besides the board of the hands. As a matter of fact, there are no two men living who can put as much hay on a wagon as a hay loader can and the hay loader puts it on in better shape too.

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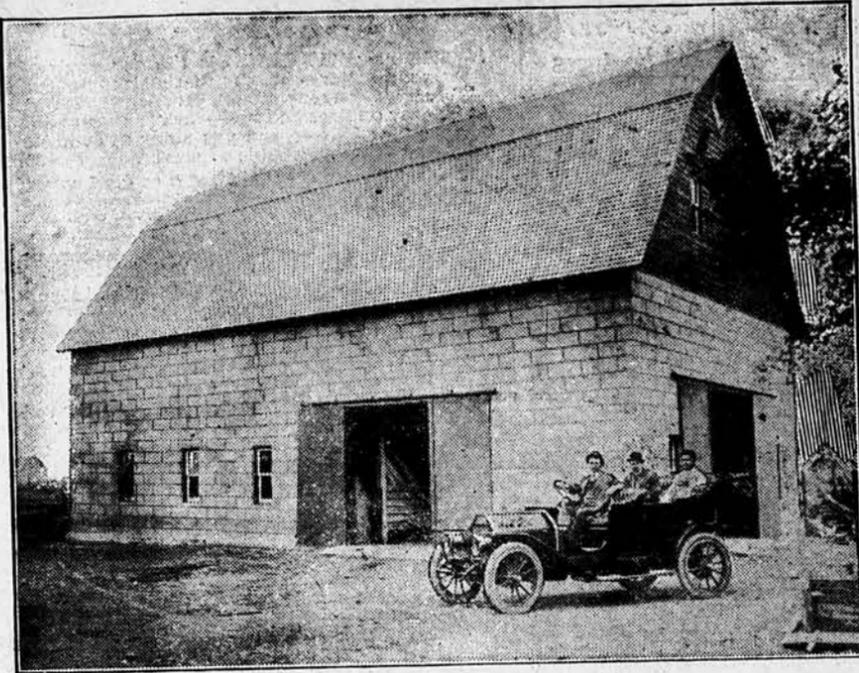
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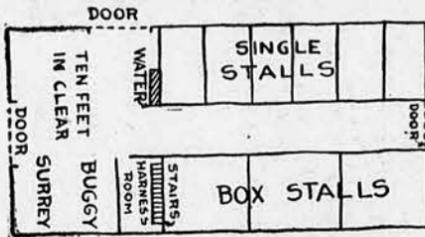
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# A Barn With Few Faults

BY J. H. SHERRARD, BELOIT  
Written For Farmers Mail and Breeze



I HAVE a concrete barn on my farm 1 mile southeast of Beloit that was built in 1910 and not a crack has shown in it yet. The dimensions are 32 by 50 feet, and it is 16 feet on the



FLOOR PLAN OF SHERRARD BARN.

square. The foundation is 3 1/2 feet in the ground, 20 inches wide at the bottom and 12 inches at the top. The main wall is 10 inches thick, plastered on the outside with 2 parts sand to 1 part cement and marked off in blocks. For reinforcing the walls I used hog wire, barb wire, gas pipe, and strips of old iron.

## THE WAY OUT Change of Food Brought Success and Happiness.

An ambitious, but delicate girl, after failing to go through school on account of nervousness and hysteria, found in Grape-Nuts the only thing that seemed to build her up and furnish her the peace of health.

"From infancy," she says, "I have not been strong. Being ambitious to learn at any cost I finally got to the High School, but soon had to abandon my studies on account of nervous prostration and hysteria.

"My food did not agree with me, I grew thin and despondent. I could not enjoy the simplest social affair for I suffered constantly from nervousness, in spite of all sorts of medicines.

"This wretched condition continued until I was 25, when I became interested in the letters of those who had cases like mine and who were getting well by eating Grape-Nuts.

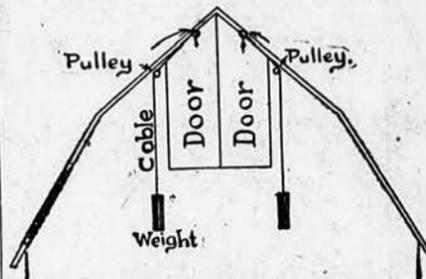
"I had little faith but procured a box and after the first dish I experienced a peculiar satisfied feeling that I had never gained from any ordinary food. I slept and rested better that night and in a few days began to grow stronger.

"I had a new feeling of peace and restfulness. In a few weeks, to my great joy, the headaches and nervousness left me and life became bright and hopeful. I resumed my studies and later taught ten months with ease—of course using Grape-Nuts every day. It is now four years since I began to use Grape-Nuts, I am the mistress of a happy home, and the old weakness has never returned." Name given by the Postum Co., Battle Creek, Mich.

"There's a reason." Read the little book, "The Road to Wellville," in pkgs. Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

The roof is self-supporting and there is not a brace in it. The concrete work, required 445 sacks of cement, 11 cords of crushed rock, and 60 loads of sand and cost a little more than \$500, floor and all. The mow opening is closed with two doors to which pulley weights are attached as shown in the cut. The doors roll down on a track under the roof while weights on the ends of 1/2-inch cable wire help equalize the weight of the doors. This is the nicest thing I know of in the way of hay doors. On the lower floor we have six single stalls and three box stalls with a driveway between. The open space at one end makes it convenient to drive in and unhitch under cover, or hitch up as the case may be.

We have the barn, house and yard,



HAY DOORS SHERRARD BARN.

lighted by electricity, a line having been run out from town. This adds much to the convenience of the place.

### Don't Use Lead Paints In Stable.

Do not use any paints containing compounds of lead about stables or out-buildings where the fumes from decaying organic matter occur, since these gases are likely to darken the lead paints. Do not use with lead compounds any pigments which may liberate compounds of sulphur. For example, ultramarine blue which contains sulphur in a form in which it may be set free is a beautiful and very permanent blue and may be used with zinc white, but should not be used with white lead or any other lead pigments. Prussian blue, on the contrary, does not contain sulphur and may be used with lead pigments.

It is not advisable to use turpentine or benzine in removing paint stains from the hands, but by oiling thoroughly with linseed oil, or, in fact, with any fatty oil, and then thoroughly washing with soap, the paint may be removed, provided it has not been allowed to dry too thoroughly on the hands.

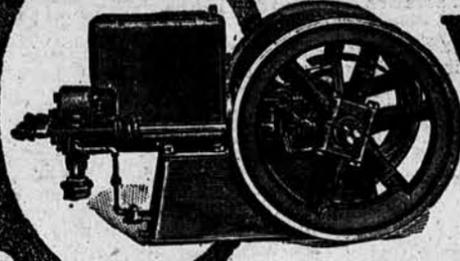
### Hit by the Drouth.

"Did the recent drouth hurt you farmers much?"

"I should say it did," answered Farmer Cornstossel. "We used to make a heap o' money haulin' out automobiles that got stalled. While that drouth was on we couldn't afford to haul water to keep up some of our best mud holes."—Washington Star.

The battle with vermin is a never-ending one, because the lice never quit.

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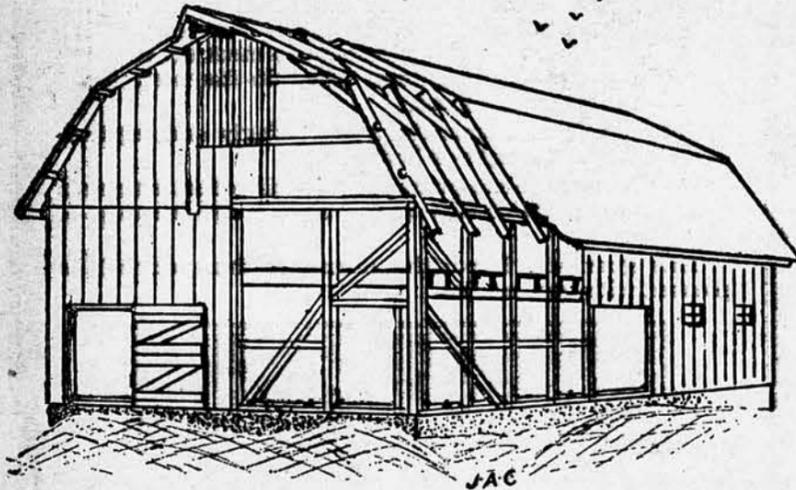
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## Roof For a Hay Barn

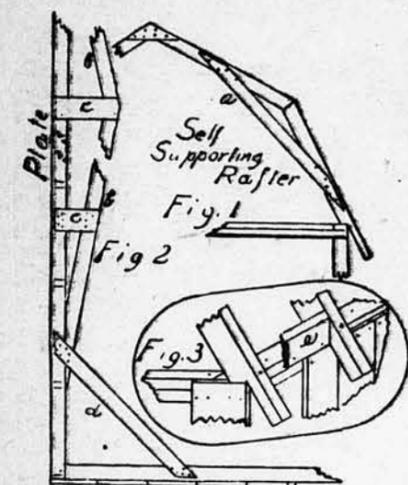
BY J. A. CRANDALL, NORWICH, KAN  
Written For Farmers Mail and Breeze

The difference in the self-supporting and common, straight rake roofs, is that the straight roof will sag if no posts and parlins are used. The only alternative is to have a lot of posts in the way of handling hay. In the case of the self-supporting roof, no posts whatever need to be used. In the detailed drawing you will notice the construction of the rafter is very simple. It is jointed



Showing construction of the self-supporting roof. One big advantage in the hip roof style of barn is its large mow capacity.

port the floor, roof, etc. This is a big mistake. In my drawing I have tried to show a good simple frame with braced corner posts. The sketch represents a barn 28 by 38 feet, with a 2 by 6-inch sill bolted to concrete foundation. Stud-dings are 2 by 4, doubled, and 4 feet apart. Floor joists are 2 by 6 in size and rafters 2 by 4. The side opening is 6 feet wide, closed by a roller door.



Showing construction of rafter for self-supporting roof of hay mow.

very little. A short 1 by 4 (e) in Fig. 3, shows a very neat way of closing the open space between the rafters, shutting out the cold, wind, birds, etc.

Some people object to bracing the frame of a barn, and some even think the use of studding a waste of material depending altogether on the boards to stiffen the building and sup-

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By all means have some windows in your barn, if only small ones. I find some people will not have them at all.

#### If You Do Your Own Painting.

Begin at the top and work down. Clean the wood work of all loose paint, dirt, etc.

For best results paint when the surface is dry.

For painting a tin roof use Venetian red and linseed oil.

Allow a week for each coat to dry before applying another.

Stir the paint well and often, to keep it the same consistency all the time.

Do not paint over a frosty surface when the thermometer is below 50 degrees.

Paint a strip 4 to 6 feet wide clear across the building and it won't show the laps.

A brush 4 inches wide is a good size for body work. Don't use too cheap a brush.

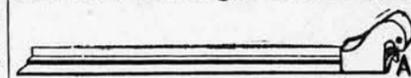
Keep brushes in a cool or damp place. When through using them, wash in turpentine, then in warm soapsuds, and store in cool place.

### Cooler Homes in Summer

A READER'S IDEA.

[Prize Letter.]

Mr. Editor—I recently built a cottage at Newton where I put in an improved ridge roll, my plan being to allow the heated air to escape through the ridge. In sheeting the roof I left the two top boards an inch apart and also sawed the shingles so as to leave



IMPROVED RIDGE ROLL.  
(Note Ventilating Device at "A.")

a crack an inch wide at the comb of the roof. The galvanized ridge roll covered this crack and at its end the opening under the "gooseneck" (A) was screened to keep out insects, but still allowed ventilation. Some tin shingles should be placed under the screen in case rain should beat in. I really think our houses would cool off more quickly if we would make more provision for ventilation.  
Norwich, Kan. J. A. Crandall.

—When you see a wrong, hit it, and hit to kill! There will be plenty of the Wrong tribe left after all our best efforts to wipe them out of existence.

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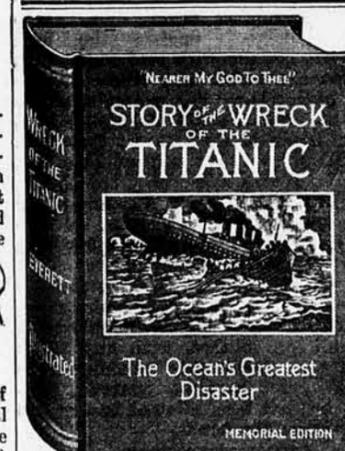
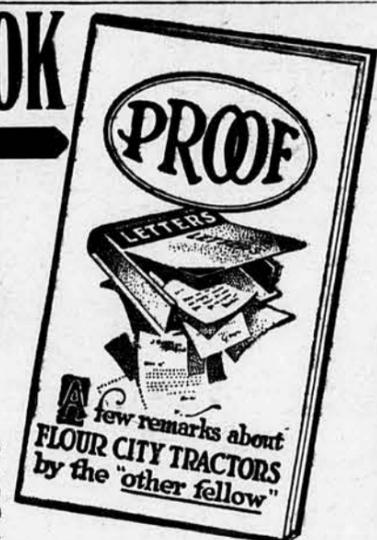
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## Ten Eyck's Replies

TO FARM QUESTIONS

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

### Grasshoppers Might Get the Alfalfa.

A large acreage of alfalfa was sown here last spring that has roots 8 to 14 inches deep and is still alive but the grasshoppers are so numerous that they eat down the leaves as soon as they appear. The fields are also weedy. The hoppers are alarmingly thick and are ready to destroy our fall sowings of wheat and alfalfa. Under the conditions what would you advise as a practical means of combatting them?—F. E. G. St. John, Kan.

It is doubtful if this young alfalfa will survive the grasshoppers and weeds. The grasshoppers will surely kill it, if they continue long and keep the stems stripped of leaves. It would be well to mow the weeds. It will not be advisable to sow alfalfa this fall, where the grasshoppers are as plentiful as you have stated, because the young plants are too easily destroyed.

You may protect the wheat fields largely by poisoning the hoppers that gather around the edges of the fields. I am requesting the Experiment station at Manhattan to mail you bulletin on this subject. A. M. TenEyck.

### Alfalfa on Corn Land, Doubtful.

I would like to sow alfalfa this fall on land on which there is corn now. Is this advisable and if so, what is the best way to prepare the seedbed?—G. R. M. Mt. Hope, Kan.

It is possible to seed alfalfa in corn, though I do not approve of the method as a rule. Keep the corn clear of weeds and well cultivated, using the small shovel one-horse cultivator for the late cultivation, or use a harrow tooth the last time.

Sow the alfalfa with a one-horse drill, if you sow in the standing corn. Or cut the corn, when you may seed the alfalfa with a drill, or sow broadcast and cover by a light harrowing. The seeding should be done late in August or early in September.

I would advise, as a rule, to seed corn stalk land to alfalfa early in the spring rather than in the fall. It is more difficult to seed in the fall than in the spring. Also, the soil is liable to be too dry to start the alfalfa well in the fall. A. M. TenEyck.

### On Seeding Alfalfa Late.

Grasshoppers are bad this year and I want to put about 10 acres of bottom land into alfalfa this fall. I had this patch in oats and the ground is so hard that it turns up in big chunks. The ground cannot be worked up until it rains and am figuring on sowing the alfalfa October 10 or a little later. How late could I put off this seeding?—H. E. H., Independence, Kan.

As regards sowing alfalfa this fall, I would not do it unless the grasshoppers disappear. Perhaps the grasshoppers may not give much trouble after October 10, but this is too late to seed alfalfa and insure growth enough to pass the winter. If the ground is not too foul with weeds, spring seeding will be safer.

Land, which is to be seeded to alfalfa this fall, should have been plowed several weeks ago, when by disking and harrowing even after light rains, the soil could have been put into good seedbed condition. It will not be advisable to plow for fall seeding of alfalfa at this late date, (August 20), especially if the ground is dry. Better disk and harrow in preparing the seedbed, and sow only after the soil has been well wet by a rain. A. M. TenEyck.

### How Fall Plow in Trego County.

I want a system for working my soil next fall. It will be planted to the sorghums in rows this summer and intertilled. This soil has never been in condition and has never been worked more than 5 or 6 inches deep. I want to plant it to rowed crops next year also. What would you think of the following method: Double disk, plow 10 inches deep, harrow, subpack, and then list with a 16-inch lister having the subsoiler put down 5 inches below the lister bottom. Leave in this condition for the winter and work the ridges down and split them in the spring. My object would be to get the soil in condition. Would this much work be time thrown away? How would the above compare to just fall listing? Of course the soil will be surface worked a great deal this summer and has been worked well all spring.

Are these sandy loam, and black loam, or clay loam soils liable to be injured by being plowed a foot deep when they have never been plowed more than half that

depth before? I know clay thrown up from a bank here will grow vegetation well.—A. R. H., Trego county.

The plan you propose ought to put the soil in ideal physical condition, provided the rains are sufficient to wet the soil as deeply as it is loosened. If the winter and spring are dry, soil which is so thoroughly and so deeply loosened as you have described is likely to blow away in this western country. Even plowing the land into deep listed furrows would not prevent drifting, if the soil was very loose and dry. Therefore I consider your plan unsafe for this windy country.

Such a plan of culture as you propose had better be carried out during a year of summer fallow, thus giving a full season for the soil to store moisture and settle into a compact, favorable seedbed condition. Since you desire to plant cane again next season on this land, I should advise to list deeply this fall; split the ridges next spring, then level or partly fill the furrows, relist again rather shallow at planting time. The disking before listing will hardly be necessary. Run 7 to 8 inches deep. A 14-inch lister run deep is large enough for four good mules or horses. I prefer to make rather shallow furrows with broad flat ridges in planting cane or Kafir. Such furrows, I believe, are less likely to fill than deep furrows with high roof shaped ridges.

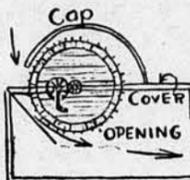
If soil, which has always been plowed shallow, is plowed 10 or 12 inches deep, its fertility is likely to be lessened for the first year after blowing, since the subsoil is raw and lifeless. Hence the desirability of summer fallow after very deep plowing, and thorough mixing of the soil before a crop is planted. I do not think it is usually necessary, and perhaps in this windy western country not advisable to loosen a loam soil 12 inches deep. The deep loosening does increase the winter storing capacity of the soil, but 12 inches is very deep plowing; 8 inches is usually deep enough, and 7 inches will do and is about 3 inches deeper than nine-tenths of our western farmers' plowing. A gumbo soil or a heavy soil with hardpan subsoil may be loosened 12 to 18 inches deep with a deep tillage plow, and give profitable results, but it is doubtful if the loam or sandy loam soils will be benefited by such a deep loosening.

If your usual plowing has been 5 to 6 inches deep, I should advise plowing 7 to 8 inches deep for the next two years, and observe results; or you may try the 12-inch deep plowing on a small area. A. M. TenEyck.

### Home Seeder For Broomcorn

BY JOHN J. BARNHILL.

Mr. Editor—I want to give B. F. S. a good plan for making a cheap broomcorn scraper. It is fine also for threshing Kafir and milo heads. Make a drum 2 feet long and 18 inches in diameter, making the heads of wide 2-inch plank and the covering of 2 by 4's. Have a blacksmith put an iron band around



each end and also have him make a shaft for it. The running gears from an old corn sheller may be attached and will do good work. For the cylinder teeth drive 30-penny spikes into the drum, setting them diagonally across each 2 by 4, two rows of spikes to each. Cut off the heads so as to leave 2 inches of each spike protruding.

For a frame use 2 by 6 plank, 5 feet long and have the drum 2 1/2 feet off the ground. Box the frame on three sides leaving the back open to take out the seed. Make a feed board to fit in nicely in front of the cylinder and have it tilted at an angle of 45 degrees as shown in the drawing. Let this board come within a half inch of the teeth. Make a cap for the cylinder out of thin boards, or better still, sheet iron. Leave the cap open about 10 inches in front of the cylinder. In using this thresher simply lay the heads on the feed board and turn the machine. A pulley may easily be put on and the cylinder operated with a gasoline engine or by horse power.

Atlanta, Kan.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

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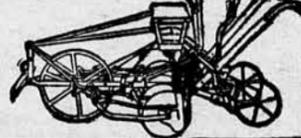
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NO MATTER HOW WIDE OR NARROW THE ROWS

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We are just launching the greatest popular voting contest ever inaugurated by any farm paper in America. This contest is open to all who read this announcement and it is our plan to award \$5,000 in cash salaries to be distributed among all contestants. In addition to this we will give four grand prizes, consisting of a \$350 piano, a \$100 diamond ring, a \$50 talking machine, and a \$25 gold watch. Also many special prizes to those not receiving highest votes.

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We have awarded many thousands of dollars worth of valuable prizes in other contests conducted in the past and we can give you the names of hundreds of prize winners who will tell you that all of our contests have been conducted in an absolutely fair and square manner.

You Are Sure of Good Pay Whether or Not You Win a Prize

This contest we are planning to make the greatest of its kind ever known. We believe the conditions to be easier than those of any previous contest and we believe every contestant will receive rewards of greater value, in proportion to the effort put forth, than ever before.

You do not risk one cent. We furnish full particulars and detailed information absolutely free and every prize we offer will be positively awarded at the close of the contest on Sept. 15th, 1912.

The contest is just now starting and every one has an equal chance. If you want to know the full details send your name and address at once. Address: Contest Manager, Mail and Breeze, Capper Building, Topeka, Kan.

### INFORMATION BLANK

Contest Manager, Farmers Mail and Breeze. Please send me detailed information concerning the Farmers Mail and Breeze \$5,000 Cash Salary Contest.

My Name .....  
My Address .....  
My Occupation .....

**Waterproofing of Cement**

BY R. L. PARSHALL,  
Colorado Station, Ft. Collins.

Mr. Editor—To increase the water tightness of concrete clay may be added. The clay must be free from all vegetable matter and when added must be in a finely powdered state. The amount of clay must vary with the mixture; for ordinary farm work add about 2 to 5 per cent of the weight of sand used in the mixture. Mix dry with the cement.

The addition of soap and alum to cement mortar has been found to diminish its porous quality, and the following gives good results: "Take 1 part cement and 2½ parts of clean, sharp sand, and to every cubic foot of sand add ¼-pound of powdered alum. This should all be mixed dry. Now add water in which has been dissolved about ¼-pound of ordinary laundry soap to the gallon, and thoroughly mix." If you find it difficult to dissolve the soap, use hot water. The strength of the mortar will of course be somewhat inferior to that of the pure mixture.

Alum and lye applied to the outside surface with a calcimining brush is effective. Use 1 pound of lye and 3 pounds of alum dissolved in 2 gallons of water.

A very effective method to prevent moisture penetrating through walls that extend beneath the surface of the ground is the application of 2 coats of coal tar to the outside surface of the wall, the coating to extend well above the surface of the ground.

**When and How to Paint Cement**

A properly mixed white lead paint will adhere as firmly to a cement surface as it does to wood, provided the surface is in the right condition. The reason ordinary painting of concrete is so often unsuccessful is because of the presence of alkali and the moisture it holds. Both these obstacles are easily overcome in three different ways. The first is to let the concrete weather for a year or 18 months and paint when dry. The second method is to wash the surface with white vitriol, 10 parts to 90 parts water. The third method is to wash the cement with carbonic acid water bought at drug stores. Paint as soon as the walls are dry.

**Stucco Finish for Houses**

(Continued from Page 6.)

ly fire proof than when sheathing is used.

If stucco is to be applied to an old brick or stone house, the surface of the brick or stone must first be chipped in order to present a new clean surface for the coating of stucco.

Hollow tile are now manufactured in the middle West and are very desirable and fairly cheap building material. A hollow tile, stucco finished house is attractive, dry, easy to keep cool in summer and is very durable and nearly fire proof.

Stucco is generally applied in three coats. The first or second coat is made by mixing 2 parts of Portland cement, 5 parts of clean sand, and 1 part of cream of lime. Sufficient hair is added for key. The lime is necessarily in the first coat to make the stucco plastic and easy to apply. Cement and sand alone will not cling well to the brick or metal lath. The lime should be well slaked and allowed to stand at least one week. Often a water-proofing is added to this scratch coat. The cement and sand are first thoroughly mixed and then sufficient water is added to give a good working consistency. Next add the cream of lime and mix thoroughly.

The mortar should be applied within 30 minutes after the water is added. The first coat, while still soft, is scratched over with a broom in order to roughen the surface so that the second coat will cling. The second coat may be the same mixture as the scratch coat, although often the hair is left out and the quantity of lime reduced. The second coat may be applied as soon as the first coat has set.

The stucco must not be allowed to dry out too rapidly. It is best to sprinkle the stucco so as to keep it wet for a week or more. It may be protected from the direct rays of the sun by a

wet canvas. Nails can easily be driven into stucco when it is less than a month old. After a few months it becomes as hard as stone.

The second coat when dry will most likely not be of a uniform color and may be streaked. If appearance does not matter a finish coat is unnecessary. A uniform surface of almost any color or texture may be secured by applying a third coat. This third coat is a mixture of 1 part Portland cement and 2 parts fine sand with the addition of a permanent mortar color if necessary.

A white finish may be obtained by using white Portland cement instead of the ordinary gray cement. White cement costs about four times as much as ordinary Portland. White cement and a light colored sand or ground asbestos almost any color may be secured by the addition of a suitable mortar. This coat is mixed to a creamy consistency and applied in a thin coat by dipping a coarse whisk broom into the mixture and slinging the stucco onto the second coat, which should not be too dry.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

**No-Rim-Cut Tires** 10 Per Cent Oversize

**Why Do Men Buy 100,000 a Month?**

The present demand for Good-year tires exceeds 100,000 monthly.

That's a larger demand, by tens of thousands, than any other tire commands.

Close to one-third of all the tire demand centers on Goodyears now. Yet there are 25 makes of tires.

The demand for No-Rim-Cut tires doubles every eight months.

Why is it that motorists, by the hundreds of thousands, have come to these patent tires? And why are they still coming—by legions and legions—faster than we can supply them?

**They Are Weary of Waste**

These myriads of motorists have grown weary of waste.

They want tires that can't rim-cut. They want oversize tires. They have found out a way to cut tire bills in two.

They have learned that more tires are needlessly ruined than are ever worn out in service.

**Tire Cost—Where It Goes**

On the average, half that one pays for old-type tires is wasted in two ways.

Rim-cutting alone wastes 23 per cent. Out of every hundred ruined clincher tires, statistics show that 23 are rim-cut.

Overloading wastes 25 per cent. It is the chief cause of blow-outs.

Our 10 per cent oversize, under average conditions, adds 25 per cent to the tire mileage.

These two features alone—No-Rim-Cut and

oversize—mean an average saving of 48 per cent.

**The Old Way**

The old way was to build a tire exactly rated size. With nine cars in ten those tires at times were badly overloaded. The result was blow-outs, and a short-lived tire.

And the old type of tire was a hooked-base tire, with the rim flanges set to curve inward.

Such a tire may be wrecked in a moment, if punctured and run flat. Even under-inflation may lead to rim-cutting—a ruin beyond repair.

**The New Way**

The No-Rim-Cut way is to build a tire 10 per cent over the rated

size. That takes care of the extras. It avoids overloading. It adds, on the average, one-fourth to the tire mileage.

And the new type is a hookless tire. Rim-cutting is made impossible. Thus the two main items of tire expense are completely eliminated.

We control by patents the only way to make a practical tire of this type.

That is why the demand for this new-type tire centers on Goodyear No-Rim-Cut tires.

You are bound to come to them. Oversize tires and tires that can't rim-cut save too much to miss.

Our 1912 Tire Book—based on 13 years of tire making—is filled with facts you should know. Ask us to mail it to you.



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Branches and Agencies in 103 Principal Cities More Service Stations Than Any Other Tire  
We Make All Kinds of Rubber Tires, Tire Accessories and Repair Outfits  
(753)

**The Ins and Outs of Registry**

(Continued from Page 6.)

try company, John A. Forney, secretary Plainfield, Ohio.

4. In brief the laws of Tennessee regarding stallions and jacks are as follows: Stallion owner has lien on colt for 10 months after date of foaling. Pedigree under oath of pedigreed stock used for public breeding must be filed and recorded with clerk of county court. During breeding season, copy of pedigree must be posted conspicuously in at least three places where stallion is kept for service. Penalty for knowingly posting false pedigree is a fine of from \$25 to \$100.

5. A purebred jack is one whose sire and dam are both purebreds of a recognized breed. The present rules for registration of jacks and jennets in America are based more largely on size and color and other physical characteristics than upon purity of breeding. There are several recognized breeds of jacks, the more important being the Catalonian jack from northeast Spain near France, possessing a great deal of style and action.

Not as heavy boned as some but of good quality. Has been used very extensively, in the United States for producing high class mules. The Andalusian jack from southern Spain, has considerable size, good bone and substance. There are quite a number in the United States. They are not so popular because of the predominance of gray color. The Maltese jack from the Island of Malta in the Mediterranean sea, is small and fine boned. The Poitou jack, a native of France, is a big, drafty, heavy boned, jack. Not many imported to America yet but quite popular where found. The Majorca jack is from the Balearic Islands of the Mediterranean sea. It is a big, heavy boned, drafty jack, with tendency to be slow and sluggish. Not popular in America. Each of these breeds have been bred pure for many generations in their native homes. In America there has been a great deal of mixing of breeds.

The word, "thoroughbred" is the official name of a distinct breed of horses—the running horse—and should not be used as an adjective to indicate purity of breeding. The proper term to use is "purebred." Manhattan, Kan.

# How To Build a Chimney

By E. S. Keane, Engineer, North Dakota Station.

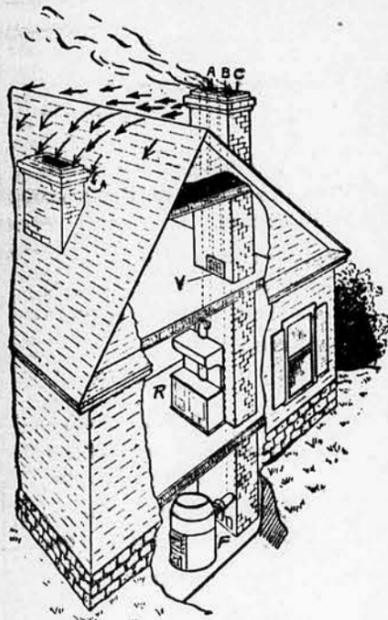
The successful operation of a heating plant depends in great degree on the chimney. In house heating the average dwelling demands a chimney flue for the furnace 8 inches by 12 inches for a rectangular flue; or 9 inches to 10 inches for one that is circular. The chimney should extend well above the highest part of the building. In case other buildings or tall trees are near, it should be located with reference to the prevailing winds, as these winds may cause eddies, and thus produce a down-draft in the flue. Sometimes a movable cowl, usually made of sheet iron, will be required to avoid the eddies.

### Chimney-Building Don'ts.

The furnace flue should run as nearly straight as possible from the base to the top of the chimney and should have no other openings except that of the furnace smokepipe. The top of the chimney should not be capped in any way that will reduce the area of the flue. The best flue is a cylindrical form. In such a flue the spiral ascent of the smoke is not interfered with. These round flues are usually made of round tile or cement blocks prepared expressly for chimney construction. The mortar joints must not be allowed to project into the flue because they will retard the flow of the gases. If the stack is made of brick, the walls should have a thickness of two courses of brick and the inside should be plastered straight and smooth.

### Combination Flues All Right.

It frequently happens that one chimney may be constructed with two or more flues that will accommodate the en-



A GOOD AND A BAD CHIMNEY.

tire house. Such a chimney is cheaper to construct and more efficient than if separate stacks are made for each flue. The figure shows such a chimney of three flues designed to accommodate the kitchen range R, and the furnace F, in the outside flues marked A, and C, while the middle flue, marked B, supplies a means for ventilation. The middle flue being kept warm by those on the outside, furnishes a better draft because of the higher temperature. Openings are made into the flue from the various apartments such as that on the upper floor, marked V, and into which is discharged the air from near the floor. This is one of the few possible methods of natural ventilation in connection with some means of admitting air into the building.

### When a Chimney's Too Low.

The short chimney in the cut shows why the draft in such a chimney is retarded whenever this condition exists. The force of the wind, as it comes in contact with the roof, causes a compression of the air on the windward side and a rarification on the lee side. This inequality of pressure causes a downward sweep of the wind as indicated by the arrows and sometimes forces the smoke into the house. The only remedy is an

extension to the chimney that will raise its top above the ridge.

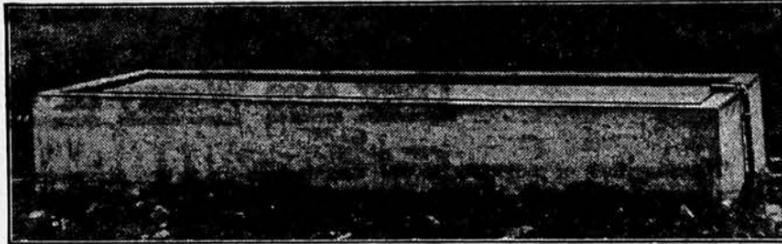
In constructing a large chimney soot pockets should be made at the bottom of each flue to remove the soot which falls to the bottom. The cleaning out doors giving entrance to the soot pockets should be tight and free from air leaks. The smoke-pipe from the furnace should not extend into the flue beyond its inner surface, or it will retard the draft. The space where it enters the chimney should be made tight with mortar or stove putty.

### My Cement Water Tank

By ARNOLD GAUER.

[Written for Farmers Mail and Breeze.]

A watering trough of concrete is easy to clean, does not rot or rust, the material is cheap, and one man may make one in two days. The picture shows my



MR. GAUER'S CEMENT WATERING TROUGH AS COMPLETED.

first one. Where the trough was to be I excavated about 18 inches for a foundation, then dug a ditch in the bottom of that. This ditch and the excavation I filled with crushed rock, the latter to within 6 inches of the top of the ground. Here I began the concreting for the bottom of my trough. Then I placed the forms for the sides and ends with enough reinforcing to prevent cracks. I made the concrete bottom 6 inches thick; the sides 8 inches thick at the bottom, 5 inches thick at the top. The ends I made the concrete bottom 6 inches thick; 6 inches thick at the top. The outside dimensions of the trough are 14 feet long, 4 feet wide and 22 inches high. The material for the concrete must be carefully proportioned to 1 part of Portland cement, 1 1/2 parts clean sand, and 3 parts screened gravel, small enough to pass a 3/4-inch mesh screen.

R. 2, Oakland, Kan.

[To avoid bursting of a cement water tank in cold weather by freezing, it is a good plan to make the sides wider at the top than at the bottom, then when the

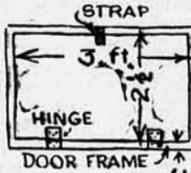
water freezes solid the ice will be forced upward. Tapering the thickness of the inside wall several inches from bottom to top will answer the purpose.—Ed.]

### Cold Storage Pit For Cellar

By H. W. PROUTY.

[Written for Farmers Mail and Breeze.]

Mr. Editor—We have an iceless cooler in the bottom of our cellar, which was made with little outlay of labor or material. We simply dug a hole in the bottom of the cellar 2 1/2 by 3 feet, and 2 feet deep. Sides and bottom were smoothed off and walled with a mixture of 1 part cement to 6 of sand, beginning on the sides and finishing up within the floor. When the cement was hard we applied a coat of cement, thinned with water, and putting it on with a brush. A light frame was placed over the top and a rim of cement set about the edges. A door with a strap handle was hinged



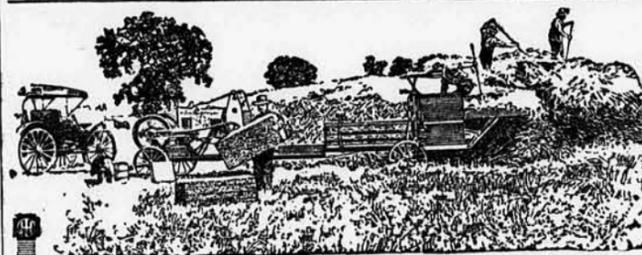
applied a coat of cement, thinned with water, and putting it on with a brush. A light frame was placed over the top and a rim of cement set about the edges. A door with a strap handle was hinged

to the frame and the job was done. This is not only a cool place in summer but is also safe from frost in winter where your cellar is not entirely frost proof.

R. 1, Hesston, Kan.

### Tractors In Road Building

Some time ago the county commissioners of Lyon county, Kansas invested in an Avery 3-ton farm truck for use in road building and it seems to have done satisfactory work for they have added a gas tractor of the same make to their equipment. The tractor is now being used for the heavy work while the truck does the general hauling in road and bridge building. The auto truck was first tried out on the road grader and County Engineer Yingling says it can do half again as much work as four teams with as many drivers. He figures the expenses as \$7.04 for the truck and \$18.50 for the teams per day. One of the tests to which it was put, was to draw the grader through almost 2 feet of gumbo.



## Bale Your Hay and Sell It

THERE is always a ready market at a good price for baled hay. It occupies only about one-fifth the space of loose hay. It can be handled easily. It prevents waste and it retains its full food value. Many farmers are making hay the big cash crop of their farms, not only because of the high profits it brings at the present market value, but because as a rotation crop it renews the richness of the soil. These farmers make all the profit themselves. They feed their own stock silage and shredded corn stover which are just as good as hay, and they sell their high-priced hay. A big majority of these farmers

## Use I H C Hay Presses

the only presses on the market today which fill the need of the individual farmer. Like all other I H C machine lines, our hay press line is complete. You can get I H C pull power presses requiring either one or two horses; I H C motor presses using 3, 4, or 6-horse I H C engine. Both styles have three separate bale chamber sizes, 14 x 18 inches, 16 x 18 inches, 17 x 22 inches.

The I H C pull power press has a greater capacity than any other horse press of its size. It is also easier on the horses. The steper is the lowest and narrowest made and the horses are pulling no load when they cross it. The I H C hay press has an adjustable bale tension which insures compact bales. It is fitted with a roller tucker that turns in all straggling ends, so that the bale is neat and smooth in appearance. The bale chamber is low enough to enable the attendant to tie the bale without walking round the machine.

The I H C motor press consists of a bale chamber and an I H C engine, mounted together on substantial trucks. It is easily moved from place to place, can be backed to the stack or barn and is always ready for work. The engine does not need a man to watch it. Give it an ample supply of fuel and water, see that it has plenty of oil and it needs no other attention. There is no danger of fire because there are no flying sparks, nor is there any smoke or soot to interfere with the comfort or efficiency of the workers. The engine is detachable. Two extra wheels, an axle, and a belt pulley are furnished, so that when not baling hay you have a regular portable I H C engine, which can be used the year around to run a small thresher or shredder, saw wood, pump water, generate electric light, shell corn, grind feed, or separate cream, or to run any other farm machine for which its power makes it suitable. Two perfect machines in one. Now is the time to get ready for your haying. Make it a big money crop. Call on the I H C local dealer in your town or write for an I H C hay press catalogue.

International Harvester Company of America  
(Incorporated)

Chicago U S A

I H C Service Bureau

The purpose of this Bureau is to furnish, free of charge to all, the best information obtainable on better farming. If you have any worthy questions concerning soils, crops, land drainage, irrigation, fertilizers, etc., make your inquiries specific and send them to I H C Service Bureau, Harvester Building, Chicago, U S A



## Auto-FedanBelt PowerPress Self-Feed Satisfaction Guaranteed



Sold with or without 6-8 horse power engine. Received division boards and food at same time. Most economical power press on market. Ask for catalogue No. 14. The Auto-Fedan Hay Press Co., 1514 W. 12th St., K. C., Mo. Consign Us Your Hay.

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Big demand for trained men. Earn from \$75.00 to \$150.00 per month. Learn all about automobiles in six weeks by THE "SWEENEY SYSTEM" of practical experience. In our machine shop, garage and on the road you learn by actual experience how to repair, drive, demonstrate and sell automobiles. Send for free catalog explaining The "Sweeney System" and a showing of the largest and best equipped auto school in the world. Write today. Now. SWEENEY AUTO SCHOOL, 1476 Woodland Kansas City Mo.

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Free booklet. Cures Hooves by correcting indigestion. The original, scientific remedy. 22 years sale, 30 years in Veterinary practice. One to three \$1.00 cures cures hooves. Money refunded if results are not satisfactory after using two cures. A grand conditioner. Expels worms. \$1.00 per can at dealers or express prepaid. THE NEWTON REMEDY CO., Toledo, Ohio.

## KENDALL'S SPRAIN CURE

—has saved thousands of dollars and thousands of horses. The old reliable cure for Spavin, Ringbone, Splint or lameness. For sale at all druggists. Price \$1 per bottle, 6 for \$5. "Treatise on the Horse" free at druggists or write to Dr. B. J. KENDALL'S COMPANY, Leesburg Falls, Va., U. S. A.

## "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, magnify many times! The greatest little entertainer ever offered. No expensive slides or film 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, 10 Enamelled Post Cards, 10 Pictures, 10 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

## GOLD WEDDING RING FREE

Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the \$1.50 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring, not the cheap kind. A cheap kind. A. H. ROSEB, 382 Household Bldg., Topeka, Kan.

**Whitewashes of All Kinds**

The cheapest of all paints is whitewash. For certain purposes it is the best. It provides a sanitary coating, it is easily mixed and easily applied, and for cellar walls and the interior of stables and other outbuildings it makes a most satisfactory covering. Whitewash is also much used on exteriors of dwellings and outbuildings in southern and eastern states but the frequency with which it must be applied, probably makes it as expensive as oil paints in the end. This is especially true in rainy climates.

A good ordinary whitewash may be made in the proportion of 10 pounds of quicklime to 2 gallons of water. Slake

the lime by pouring the water over it, after which cover with an old carpet and allow to stand for about an hour. With an insufficient amount of water, the lime is "scorched" and not all converted into hydrate; on the other hand, too much water retards the slaking by lowering the heat. "Scorched" lime is generally lumpy and transparent, hence the use of the proper amount of water for slaking and an after addition of water to bring it to a brush consistency.

A durable whitewash used by large factories and recommended by insurance companies is made by slaking 1 bushel (62 pounds) of quicklime in a barrel, pouring 15 gallons of water over it and keeping it covered until the steam stops rising. Stir occasionally to prevent "scorching". Then beat up 2 1/2 pounds of rye flour in 1/2-gallon of cold water and add 2 gallons of boiling water. Also dissolve 2 1/2 pounds of common rock salt in 2 1/2 gallons of hot water and mix with the flour solution. Pour this mixture into the barrel and stir until well mixed. This formula gives a perfect brush consistency and is fine for interiors such as walls, ceilings, posts, etc.

**A Weatherproof Whitewash.**

An excellent weatherproof whitewash for buildings and fences is made by slaking 1 bushel of quicklime in 12 gallons of hot water. Dissolve 2 pounds common table salt and 1 pound zinc sulphate in 2 gallons of boiling water, and pour in with the lime. Then add 2 gallons of skim milk to this mixture and stir up well.

What is known as the "lighthouse" whitewash used by the government is made by slaking 1 bushel of quicklime in 12 gallons of hot water. To this add 12 pounds rock salt dissolved in 6 gallons of boiling water, and lastly mix in 6 pounds of Portland cement.

**The "Government" Whitewash.**

The old standby in whitewashes, known as the "government" whitewash is made as follows: Slake 1/2-bushel of unslaked lime with boiling water, keeping it covered during the process. Strain it and add 1 peck of salt, dissolved in warm water; 3 pounds of ground rice put in boiling water and boiled to a thin paste; 1/2-pound of powdered Spanish whiting and 1 pound of clear glue, dissolved in warm water. Mix these well together and let the mixture stand for several days. Keep the wash thus prepared in a kettle or portable furnace, and when used, put it on as hot as possible, with painters' or whitewash brushes.

**A Wash That Won't Rub Off.**

Alum added to a lime whitewash prevents it rubbing off. An ounce to the gallon is sufficient. Flour paste answers the same purpose, but needs zinc sulphate as a preservative.

Molasses renders the lime more soluble and causes it to penetrate the wood or plaster surface; a pint of molasses to 5 gallons of whitewash is sufficient.

Silicate of soda solution (about 35 degrees Baume in the proportion of 1 to 10 of whitewash produces a fireproof cement.

A pound of cheap bar soap dissolved in a gallon of boiling water and added to about 5 gallons of thick whitewash will give it a gloss like oil paint.

Washes that contain milk, flour, or glue are not to be advised for use in damp, interior places on account of the danger of decomposition of the organic matter. In such places it is best to use a wash where these ingredients are absent.

The right way to apply whitewash is to spread it over the surface lightly with a broad brush, making no attempt to brush it in as in the case of oil paint.

**Silo Room for 2,000 Tons**

When corn cutting time comes this fall Horace Adams of Maple Hill, Wabunsee county, Kan., will have silo room for 2000 tons of silage. He has just completed four of the largest silos ever constructed. They are built of solid concrete with 6-inch walls and the cost of each was \$800. The dimensions are 20 by 60 feet and each silo will hold 500 tons of silage. By comparison the average size silo, 15 by 30 feet, holds about 115 tons. Mr. Adams is an extensive cattle feeder and will use the silage in beef making. He owns 14,000 acres of land near Maple Hill.

**ARTHUR CAPPER FOR GOVERNOR**

We appeal to the patriotic citizens of Kansas without regard to party affiliations, to support Arthur Capper, the Republican nominee for Governor.

We make this appeal in the firm belief that the people of Kansas are broad-minded and patriotic and are truly desirous of securing the most efficient and the most economical administration of public affairs.

Arthur Capper has never held public office and has no entangling alliances with party cliques or factions. He has no political debts to pay; he is under obligations to no special interests, no factions, no boss, but will take the office with clean hands and a clear conscience, free to serve the best interests of the whole state without favoritism and without prejudice.

He is a native Kansan who has shown his ability to handle large affairs, by developing and owning at the age of 47, one of the largest publishing houses in the entire country giving regular employment to more than 800 people.

He looks upon the Governor of the state as the Business Manager of the state's affairs, and he can be depended upon to bring to the state's service the same ability, the same efficiency, the same methods of economy, the same principles of square dealing and justice, the same rugged honesty, which has made his own business so successful.

As an editor and publisher he has always stood for the rights of the people and has opposed the injustices which arise from Special Privileges. As Governor he will make aggressive war upon all forms of inefficiency, graft and political corruption whether found within his own party or outside of it.

He stands committed to the lowest taxes consistent with efficient public service in a growing state; for the elimination of graft in all its forms; for keeping out the hangers-on, the jobbers and the political leeches who feed from the public treasury; for abolishing the fee-grabbing system in all county and state offices; for the elimination of all useless officials, clerks and commissions; for the reduction of excessive salaries and extravagant appropriations; for less technicality and more justice in the courts; for legislative acts free from loop-holes and jokers; for an inheritance tax exemption of not less than \$25,000; for the printing of school-books by the state and distribution at cost; for strict and impartial enforcement of all laws—in short for a clean and straight policy in handling the business of the state so as to effect the greatest number.

Arthur Capper does not pose as a statesman and he will not use the office of Governor as a stepping stone to another office. He will not attempt to build up a personal machine. He is making no revolutionary promises; but no man has greater ability for the performing of the tasks that confront Kansas today, and no man can do more to give Kansas a clean, progressive state government.

He will respect his oath of office to the letter; he will be on the job six days in the week—and you can depend upon him.

If you believe in justice to all the people; if you believe in economy in public affairs; if you believe in keeping Kansas in the front rank, vote for Arthur Capper on November 5th.

CAPPER-FOR-GOVERNOR-CLUB,  
W. A. Neiswanger, President.

**I Will Save You up to 25% On Your Seeds this Season**

Buy direct from the grower. Stop paying excessive profits to middlemen. Get Pure, Tested, Guaranteed Re-cleaned Seed. Insure your crop in advance. Sow Hyde Seeds—used and indorsed by thousands of farmers everywhere. Here's my guarantee. "Hyde Seeds must be exactly as represented—you to be the judge—or I will send your money back, and there'll be no quibbling about it, either." Orders shipped promptly and to any station.

	Beardless. From fields yielding 30 to 50 bu. The hardest and best of all smooth varieties. A persistent and heavy yielder. Large, plump kernels. Stiff straw, withstands heavy winds. Resistant to Hessian Fly and other pests.	The standard of all Bearded Varieties. The very best and the highest yielding. So proven by tests of farmers and experiment stations. It is vigorous and hardy and will withstand the severest winter.	
	Fancy Home Grown, direct to you at less than wholesale prices. Don't pay middle-men profits. Order direct from me and save this needless expense. I offer you the choice of thousands of bushels, and guarantee it.	Alfalfa is the most profitable crop in existence and can be successfully grown in any state. The seed I offer is pure, tested, and guaranteed—direct to you from the famous North-central alfalfa belt.	

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**THE HYDE SEED FARMS, McFall, Missouri**

**ACORN BRAND ALFALFA SEED**

represents the best qualities of NATIVE grown Alfalfa seed, shows high purity, is of good vitality—the price is somewhat higher than is being quoted on European grown seed—but it is free of noxious weed seeds—it is worth more money.  
**KHARKOF WHEAT** is, perhaps, the best type of the Kansas Turkey Red family—is thoroughbred, tests good weights, is hardy, will produce larger yields in the winter wheat districts than any other variety now grown, commands highest market price. Your inquiries for Alfalfa, Wheat, Rye or other seeds will receive prompt attention. Samples supplied if wanted.  
ROSS BROTHERS SEED HOUSE, 318 East Douglas Ave., Wichita, Kansas.

**ALFALFA SEED**

FOR FALL SOWING. From locality where it grows best and most abundantly. Our seed won the gold medal at the St. Louis World's Fair in competition with the world. All our seed is native grown, plump and vigorous. Write us today for prices and free samples. Address **McBETH & DALLAS, Garden City, Kansas.**

**T. Lee Adams' Seeds**

ALFALFA, TIMOTHY, BLUE GRASS, CLOVER, RYE, ONION SETS. All new, carefully selected and tested. Insures larger and better crops. T. Lee Adams Seed Co., Dept. A, 417 Walnut St., Kansas City, Missouri.

**SEEDS**

Seasonable seeds—Southern Winter Rye and Barley, Texas Red Oats, Alfalfa, Mediterranean Wheat, Rescue Grass, Winter Vetches, Rape, Burr Clover, Fresh Turnip and other garden seed. Write **David Hardie Seed Co., Dallas, Texas**

Drinking troughs need frequent looking after in hot weather.

	<b>\$53.75</b> Buys this excellent two-horse FARM WAGON. Complete with Bed, Seat, Brake, Etc.
	<b>\$22.75</b> Buys this MUTUAL metal wheel HANDY WAGON. You can SAVE from \$25.00 to \$30.00 on your new wagon if you buy a MUTUAL. Write today for FREE CATALOGUE and delivered prices. <b>MUTUAL CARRIAGE &amp; HARNESS MFG. CO. STATION 38N East St. Louis, Illinois.</b>

**"McDonald Pitless" Scale**

Built to weigh accurately and last a lifetime. Requires no pit. Used for weighing U.S. Mail. 10-year guarantee. 21 years on the market. 22,252 in actual daily use.  
**PROTECTED BEARINGS—NEVER FREEZE**  
"The owner of a McDonald Pitless Scale gets a Square Deal."  
Write for catalog. **MOLINE PLOW CO., Moline, Ill., Dept. No. 15.**

**Until Jan. 1st 1913 Only 25 cts. Mail and Breeze Special Trial Rate**

(Cut out this coupon and return it at once.)

ARTHUR CAPPER, Publisher Farmers Mail and Breeze, Topeka, Kan. Dear Sir—Enclosed find 25 cents for which send the Farmers Mail and Breeze until January 1, 1913, according to your special trial offer to the following address. This is a new subscription.

Name .....

Postoffice .....

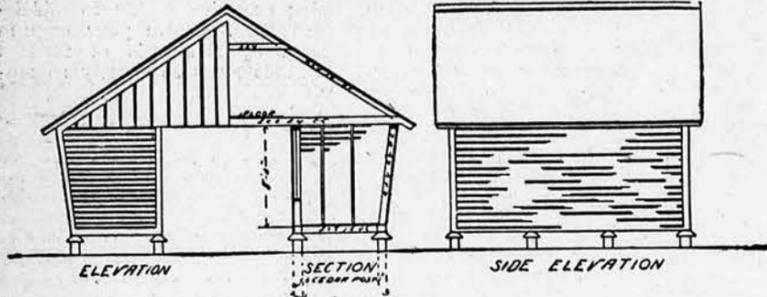
R. F. D., or Street or Box No. ....

State ..... Date .....

**How a Double Corn Crib is Made**

BY W. A. RADFORD.

A double corn crib with storage room overhead and a driveway in the center is a desirable type. The siding is well



nailed with wire nails on the outside of the studding which is placed 24 inches apart. It is impossible to get corn enough into a crib of this height to break the slats or shove them out. Corn cribs should not be more than 6 feet wide, because corn will mould in a crib that is too wide; the air cannot get through to dry it.

The driveway in the center of a crib like this is very useful. There is room for a wagon or two and there may be pegs upon which to hang extras and tools of all kinds. The loft overhead makes good storage for lumber, and there is no better place for seed corn than to hang it by wires from the collar beams.

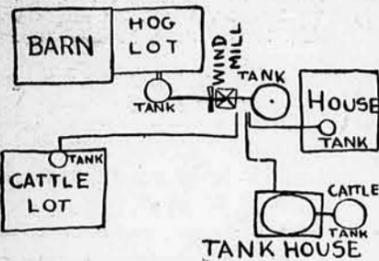
The tin pans turned up-side-down over the tops of the cedar posts will bother the rats most of the time, although they sometimes find a way to get in as they are often carried into the crib with the corn.

**Three Farm Water Systems**

AND HOW OPERATED.

[Prize Letter.]

Mr. Editor—I have a force pump operated by a windmill and have pipes arranged so I can send fresh water to either of my tanks by the use of a short piece of rubber hose 3 feet long. I find this hose furnishes the easiest means of changing the water from one pipe to another, of anything I could get and there is little danger of freezing in win-



Map of Mr. Cochran's plant, showing location of pipes and tanks.

ter. The drawing shows the location of pipes and tanks but one could make almost any number of changes by this method. The lead pipes are all 3/4 inch in size.

R. 2, Norton, Kan.

**Air-Pressure System Best.**

[Prize Letter.]

Mr. Editor—I have had two water systems in use, the first a tank in the garage and now I have a pressure tank. I like the latter best, as we can always have water when we want it, but the gravity system is the cheaper to install. The total cost of pressure tank, air and water pump, pipe, fittings, sink, wash bowl, lavatory and labor was about \$133. One can make the expense more or less by putting on or leaving out fancy stuff. My equipment is just the plain porcelain kind. I have an underground cess pool with an overflow outlet. I would not drain a house onto open ground as the end of drain invariably freezes or gets clogged up.

R. 5, Sabetha, Kan.

**Reservoir and Gravity System.**

[Prize Letter.]

My Editor—My well and windmill are located 150 feet from the house and on higher ground. Close to the well I have a concrete reservoir, 8 by 10 feet and built on top of the ground. The pipe leading to the house taps the reservoir near the bottom but not at the bottom

thus preventing settlings from getting into the water used in the house. The pipe is laid underground, deep enough to prevent freezing and to keep the water cool in summer. The pipe enters the house under the foundation and then

passes up through the floor to a sink with waste pipe. I also have the water piped to the barn lot. The tank has a corner of concrete which keeps the water perfectly clean and cool. The tank was

built at a cost of \$60 and the sink and piping cost \$25. The system is worth several times what it cost.

Goodwell, Okla. Frank Shoup.

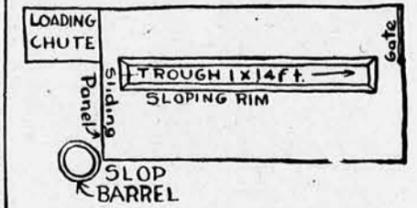
**My Home Built Feeding Floor**

BY H. W. PROUTY.

[Written for Farmers Mail and Breeze.]

Mr. Editor—This is a drawing of my concrete feeding floor and trough. The floor is 8 by 16 feet in size and is surrounded by a strong board fence with a gate at the back end and a sliding panel across the front. This panel can be shoved back part way for loading hogs over the chute. The slop barrel at the corner is also made of cement. The trough is 2 1/2 inches deep with a rim of cement 4 inches wide sloping inward. To make the trough, lay a 14-foot plank 1 foot wide, after beveling the edges so it can be raised after finishing the trough. Put a strip of heavy paper around the edges of the plank. Then

put a frame of 2 by 4's around this plank leaving a 4-inch space between for the rim of trough. I used broken rock and a mortar made of 7 parts coarse sand to 1 part cement. Make the floor 4 or 5 inches thick, finishing it with a 1-inch coat of 3 parts sand to 1 of ce-



MR. PROUTY'S FEEDING FLOOR.

ment. The trough is made of the latter mixture. The floor should have a 1/2-inch slope from center to edge. We find this pen and floor very convenient in handling hogs and a great saver of feed especially in muddy weather.

R. 1, Hesston, Kan.

**LAST CHANCE**

Only A Few Days More Until the Big Land Opening

**KENTWOOD, LA.**

Special Homeseekers' Rates From All Points to Kentwood and Return, Sept. 17th

The South Calls for More Men! 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.

We are lumbermen and railroad men and anybody familiar with the lumber industry knows that immense tracts of land with the growing timber must be bought years in advance of the sawing. We not only own a large body of land in Louisiana, but we own bodies of timber and land in Florida, Oregon, Minnesota, British Columbia and the Bahama Islands, and our interests extend to many parts of the world.

We are absolutely responsible and our interests are worth millions of dollars, as you can ascertain through any channel to which you may seek to apply. In transporting the timbers from the forests to Kentwood mills it was necessary for us to build 59 miles of railroad. Twenty-seven miles of the Kentwood & Eastern is standard gauge railroad and operates passenger and freight trains twice a day in each direction, and it is our purpose to increase the value of the railroad by actual colonists as much as to sell the land that we are making this extraordinary offer.

What we need now is the man that needs a home, and is not afraid of work. We have ample capital and can carry the payments and give an opportunity to the man who has but very little cash but plenty of ambition and energy.



We raise corn here that will make you open your eyes. John H. Henry, Jr., Melrose, La., raised 150 1/2 bu. of corn to the acre. Can you beat it?

**Read What People Who Have Been on Our Land Say:**

Palatine, Ill., 6-12-12. Some time ago I became interested in Southern lands and decided to visit KENTWOOD FARMS. Must say I was favorably impressed far beyond my expectations. I intend to make it my future home. You have the climate, soil, good water, abundant rainfall, in fact everything to make an ideal country. To see the growing crops is proof beyond doubt what the future is for these farms. Truly a garden spot waiting for the gardener. I intend to be among you in the near future. BURKE BRUNER, I. C. Engineer.

Chicago, Ill., 6-25-12. I am a booster for the South and think it a great country. The crops look fine and much farther advanced than the crops of the North. The corn up in Illinois when I left was only about 6 inches high, while there it is from waist to head high. The water is fine. The vegetable crops I have seen are fine and I think I can make good money down there and am perfectly satisfied to come. I have been from coast to coast and I think the South here is better than any place. I like the climate. BERNARD PETERSON, 2111 N. Albany Ave.

Newport, Ky., 6-19-12. I think I have a good idea of what ground is, but I never saw such a bunch of potatoes dug out of the ground as I saw there; and the best oats I ever saw. I think that is the place to go. I wish I had found out that place years ago. I would not have to be working or worrying. I cannot tell all I want to say in writing, but if you were to call and see it, I will be glad to tell you all about it. W. J. HILL, 225 East North Street.

We guarantee these lands. Your money back if you cannot make it go. No swamps. No floods. No malaria. No mosquitoes. The best place in America for a man to farm—

**KENTWOOD, LA.**



Notice our place on the map. We are about 75 miles east of the Mississippi river.

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 are coming. Make 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. Special Homeseekers' rates from any part of the United States Sept. 17th. Remember this is great corn, oats, hay, vegetable and fruit land. If you are willing to work you can be independent in a short time if you get one of these farms.

EXCURSION SEPTEMBER 17.

What we will do for our settlers: We furnish a demonstration farm and an expert Southern farmer who will plant any variety of crop that you may designate as an experiment; who will give you expert advice at any time free of charge. We will furnish you lumber for building material right from our mill on the ground at wholesale prices. If you fall ill or something goes wrong, we will extend your payments. In case of death after one-half of the payment has been made on the property, we will give a warranty deed without further payments to your heirs. We will guarantee that your crops will make you a profit in twelve months' time if worked under the directions of our expert or refund you every penny you have paid us on your farm, plus six per cent interest. This in itself shows that we have the greatest confidence in the world in our land. We know it will yield almost any crop that can be grown in a semi-tropical country, that the land is rich and that the average farmer cannot fail if he will use his head and his hands. We could not afford to put a guarantee of this kind behind our proposition if we did not know the great majority of American farmers could more than make good. You cannot lose. We take all the risk.

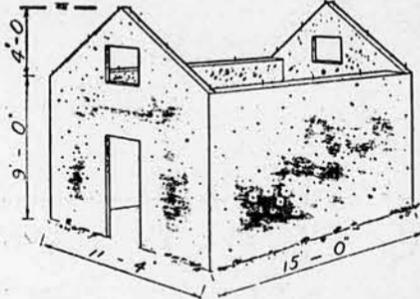
Write for Booklets, Maps, Photos, etc., to C. H. McNIE, LAND COMMISSIONER, Brooks-Scanlon Company, Kentwood & Eastern Railway, P. O. Box 125, KENTWOOD, LOUISIANA. CUT OUT THIS COUPON and mail with \$4.00. It pays for berth on sleeper one way and for 9 meals and sleeping accommodations on ground. Mr. C. H. McNie, Kentwood, La. Please reserve space for me on your special train Sept. 17, 1912.

Name ..... Rural Route ..... City ..... State .....

# Concrete Ice House Best

BY PERCY H. WILSON FOR MAIL AND BREEZE

For a durable, economical, and all around satisfactory ice house perhaps nothing can equal concrete. Concrete is heat resisting, rot-proof to dampness, fireproof, and durable. Select a well drained site, if possible in the shade of trees or other buildings. It is well to build a house of a capacity twice the calculated needs since the meltage will frequently amount to a third of the quantity put up and it is a fine thing to have a little extra on hand to share



WALLS OF CONCRETE ICE HOUSE.

with neighbors in case of sickness or other emergencies. For the average farm household a building 10 by 14 feet inside measurements, and 9 feet to the eaves, will do very well. Allowing a

## 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, for the non-partisan election of judicial officers, and for the equal suffrage amendment now before the voters.  
 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 for at least \$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 the prohibitory law and 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*

foot on all sides for packing, such a house will hold 20 tons.

Either concrete blocks or solid concrete may be used for the walls. The foundation trenches should be 10 inches wide, 2½ feet deep and filled with concrete in the proportion of 1 to 2½ to 5 parts. To take off the water from the melting ice lay a string of 4-inch drain tile so that the last tile, a "gooseneck," will come just inside the door and level with the floor surface. If blocks are used lay them in a 1 to 2 cement-sand mortar.

### How the Walls Are Made.

If walls are to be solid make movable forms 3 feet high extending around the building. Fill with mushy wet concrete of 1 bag cement, 2 cubic feet of sand, and 4 cubic feet of crushed rock, or 1 part cement to 4 parts bankrun gravel. After the concrete hardens raise the forms for the next 3 feet of wall. The forms may usually be moved up the day after they are filled. Set a door frame in place, 2½ by 6½ feet in size, also frames for ventilation windows 2½ feet square.

Reinforce the walls with woven wire fencing 3 inches from the outside or with ⅝-inch rods placed 18 inches apart running both ways. If rods are used, stagger them by placing half of them 3 inches from the inside. Imbed two rods or old wagon tire 2 inches above all openings. To hold the plates on top of sides and gable walls, sink ½-inch bolts 8 inches long, heads down in the concrete. The comb of roof should be 13 feet high. Use 8-foot rafters and cover with watertight roofing.

### The Floor Should Drain Well.

The floor should also be of concrete 4 inches thick and sloped toward the drain opening ¼-inch to the foot. Place a trash strainer over the drain opening. Hinge small doors in gable openings at the top so they may swing outward but still keep out rain.

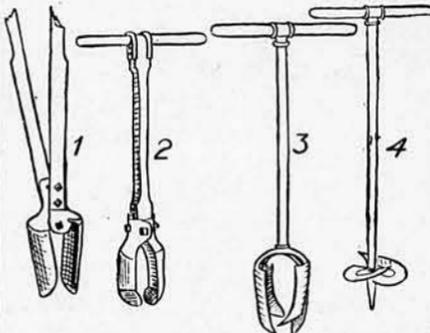
A building of this size will require 27 barrels cement, 8½ cubic yards sand, 17 cubic yards crushed rock and 250 pounds of rods. If good pit gravel is at hand 18 loads will be sufficient and no further sand needed. These materials will cost approximately \$75.

In storing the ice begin by placing a foot layer of sawdust on the floor. If this is not available, substitute 18 inches of slough grass hay or straw. Set the cakes on edges and pack tightly without using filler between. When the house is full cover the ice with weighted down. It is important that the drain be kept open.

## Big Difference in Post Augers

WHAT A TEST SHOWED.

Every one who has tried it knows the hard work connected with fence building. A fence poorly constructed is not worth half as much as one well built. A good fence post poorly set gives less service than a poor post well set. The use of the right kind of tools and a little head work greatly lessen the hard work connected with fence building and repairing.



Auger No. 1 did twice as much work as No. 2 and half as much more as either of the other two.

What have post augers to do with it? A good deal. The realization that they did led to an entirely novel and original test of the matter not long ago by C. F. Chase, assistant in farm mechanics at the Kansas Agricultural college. Farmers Mail and Breeze is indebted to Mr. Chase for this account of the test: "While building a new fence on the

College farm last spring we made a comparative test of four of the most common post augers. Four men, each with one of the augers represented by Figures 1, 2, 3 and 4 respectively, started digging at the same time. A record was kept of the time required to dig a hole 3 feet deep. Each of the men dug one hole apiece with each of the different augers, making 16 post holes in the test.

The line of fence was on a gradually sloping hillside. The soil was a heavy clay and quite dry below the first foot—a difficult soil to dig in. The holes were dug in sets of four, all the men beginning to dig at the same time. Each hole was to be dug 36 inches deep. When it required too much time, however, the digging was stopped and time and depth taken. A summary of the results of the test are shown in the following table:

Auger.	Total time, minutes.	Depth, inches.	Dug per minute, inches.
No. 1.....	17.79	34 ¾	1.93
No. 2.....	24.29	29	1.20
No. 3.....	28.04	27 ¾	.99
No. 4.....	22.12	27 ¾	1.26

"A study of the table shows that auger No. 1 did the best work digging almost 2 inches for every minute's work—1.93 inches, to be exact. This was twice as fast as No. 3 and half faster than either of the other two."

### The Best Treatment.

Assistant Editor—Here's a farmer writes to us asking how to treat sick bees.

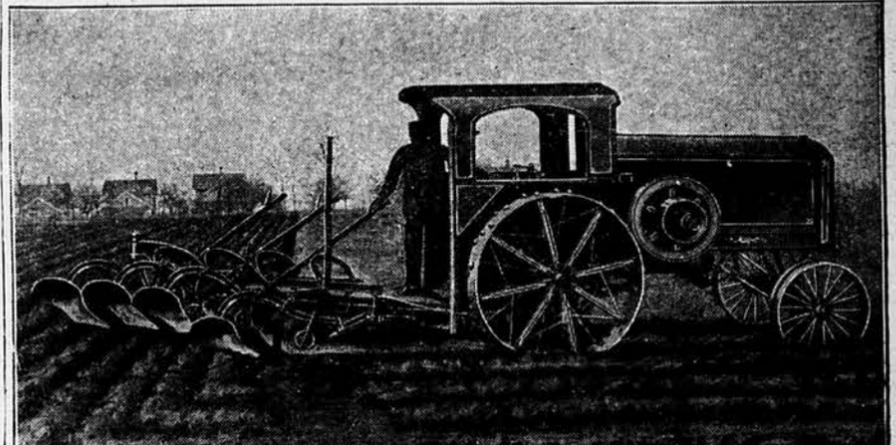
Editor—Tell him he'd better treat them with respect.

# DE LAVAL CREAM SEPARATORS

**WIDELY IMITATED NEVER DUPLICATED**  
 So universally recognized as the best that all others are real or pretended imitations, to the extent that expired patents permit, but none was ever anywhere near being a duplication.  
 •The De Laval Separator Co. New York Chicago San Francisco

**Only \$2 Down One Year to Pay!**  
**\$24** Buys the New Butter-Fly Jr. No. 1. Light running, easy cleaning, close skimming, durable. Guaranteed a lifetime. Skims 95 qts. per hour. Made also in four larger sizes up to 5 1-2 shown here.  
 Earns its own cost and more by what it saves in cream. Postal brings Free catalog folder and "direct-from-factory" offer. Buy from the manufacturer and save half.  
**ALBAUGH-DOVER CO.** 2149 Marshall Blvd. CHICAGO No. 5 1/2

**BIRTHDAY POST CARDS FREE**—Five cards in beautiful colors; send 2c stamp for postage. Art Post Card Club, Dept. 14, Topeka, Kan.



## A One-Man Plowing Outfit That Backs into the Corners and Plows the Entire Field

Plowing one acre per hour. Can be used for disking, harrowing, weeding, threshing, baling and other farm work. Tractor 25-30 H. P. on the brake, 18-20 H. P. at the draw bar. Weight 8,000 pounds. Material All Steel.

**Bates Tractor Co., North Lansing, Mich.**

## FROM DEBT TO \$20,000 Uses SHARPLES Tubular Cream Separator Exclusively

That, and more, is what J. F. Armstrong & Sons, of Austinburg, Ohio, have done. Like other shrewd farmers, they have succeeded because they know profit is of far greater importance than first cost. Like others making most money from dairying, the Armstrongs chose the Tubular in preference to all others because the Dairy Tubular contains no disks or other contraptions, has twice the skimming force of other separators, skims faster and twice as clean, and pays a profit no other can pay. Mr. Armstrong says:

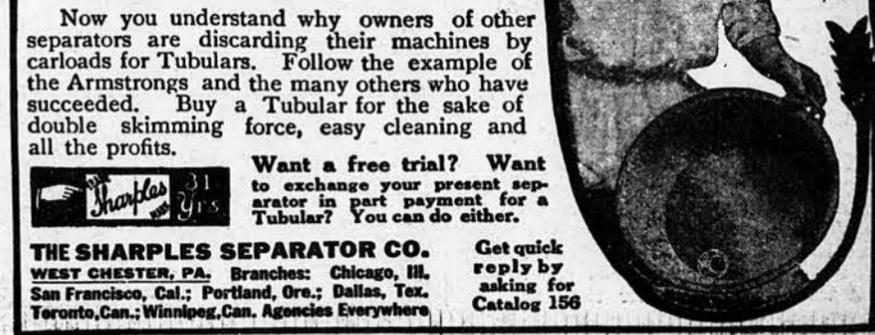
"Austinburg, O., May 29, 1912.—The Sharples Tubular has done fine work all the time. J. F. Armstrong."

Now you understand why owners of other separators are discarding their machines by carloads for Tubulars. Follow the example of the Armstrongs and the many others who have succeeded. Buy a Tubular for the sake of double skimming force, easy cleaning and all the profits.

Want a free trial? Want to exchange your present separator in part payment for a Tubular? You can do either.

**THE SHARPLES SEPARATOR CO.** WEST CHESTER, PA. Branches: Chicago, Ill. San Francisco, Cal.; Portland, Ore.; Dallas, Tex. Toronto, Can.; Winnipeg, Can. Agencies Everywhere

Get quick reply by asking for Catalog 156



## Lighting With Electricity

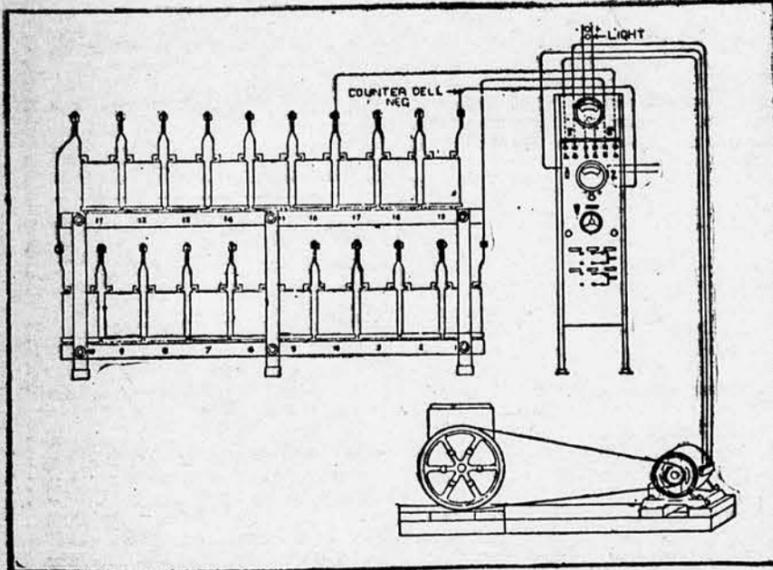
A Missouri Farmer's Plant and How It Works

Every progressive man who can afford it is installing upon his farm a lighting plant either electric, acetylene or gasoline. The cost of installing such systems decreases in the order named. Of the three, it is generally admitted that the most desirable for farm use is the electric system, although the cost of

when they did the lice left them and I have had no more trouble and have lost no chicks. Bessie D. Thomas. Garnet, Okla.

Leaders in the Egg-Laying Contest.

A White Plymouth Rock hen is now leading the egg-laying race in the nat-

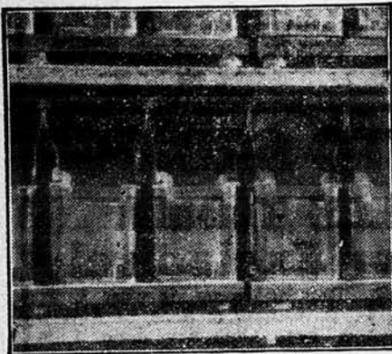


Simple manner in which battery, switchboard and dynamo are connected at the Files plant. The cost of operating it is only a few cents a month.

installation makes it less frequently found than either of the other two.

On the farm of W. E. Files of Pettis county, Missouri, recently visited by a member of the staff of this paper, is an electric lighting plant which is giving thorough satisfaction. Mr. Files uses a gasoline engine to do "chores" about the place and finds that he has his engine running frequently enough each week to reduce the cost of operating to but a few cents a month. In fact after a storage battery has been installed, the cost of maintenance is almost nothing, for only at intervals of every two or three years new liquid is added to the storage cells, costing but a dollar or so.

In speaking of this system, Mr. Files remarked, "My plant has a capacity of lighting one 20-candle-power light 100



A section of the 16-cell storage battery in use on the farm of W. E. Files, Pettis county, Missouri.

hours, or 20 such lights five hours. I charge the battery when I am doing other work with my engine such as pumping water, grinding corn, filling silos, sawing wood, or such other work as we have to do, with a gasoline engine. The cost of maintaining it is practically nothing." Mr. Files's 16-cell storage battery, switchboard and dynamo was installed at a cost of less than \$400.

Many men like Mr. Files, who are hardworking, practical men, not at all given to "fancy farming," have seen the advantages of having light, and are installing these plants. More will follow their lead.

### Axle Grease Routed the Lice.

Mr. Editor—I tried a new way of getting rid of lice and mites on chicks and hens. I rubbed some axle grease on the hens' breasts, neck and under the wings and kept the hens and chicks in dry coops. At first the chicks sat around and would not go under the hens, but

ton is in second place with 199 eggs, and a Barred Rock holds third with an output of 191 eggs for the nine months.

Five R. C. Rhode Island Reds are at the head of the list in the contest between pens. This pen has 808 eggs to its credit as the work of nine months. The following is a list of the best 12 pens in the contest and the number of eggs laid between November 1, 1911 and August 1, 1912:

Pen No.	Variety	Number of eggs laid
107.	R. C. Reds	808
13.	S. C. White Leghorns	778
52.	White Wyandottes	765
112.	Black Orpingtons	760
85.	Barred Plymouth Rocks	759
118.	Buff Orpingtons	719
59.	Silver Wyandottes	720
28.	R. C. Brown Leghorns	714
96.	S. C. R. I. Reds	711
114.	White Orpingtons	666
77.	White Plymouth Rocks	682
123.	Black Langshans	650
37.	Anconas	629
39.	S. C. Black Minorcas	624
30.	R. C. White Leghorns	618

### Well Insured.

There was a certain farmer who was a firm believer in insurance. He insured his life and the lives of his family. He insured his house and farm buildings against fire and lightning. He insured his success by hard and diligent work. And he spent most of his money paying premiums. This farmer was congratulating himself upon his foresight when one day it began to rain like all possessed. It kept on raining. His house, which was roofed with shingles, sprung a leak and before the holes could be plugged up, plaster and paper had been ruined to the extent of \$50. None of his many insurance policies covered the loss. The day after the flood a neighbor drove by and listened in silence to the tale of woe the farmer poured forth. "Why don't you have leak insurance?" the neighbor asked. "Leak insurance?" I never heard of that; but man it takes all the money I can spare to pay all my other insurance premiums now." "I didn't say anything about paying premiums, did I?" laughed the other. "You have to get a new roof, don't you?" "I certainly do," said the farmer mournfully. "Well, for about the same price as any other roofing you can get Genasco Ready Roofing made of Trinidad Lake asphalt—nature's everlasting waterproofer. That will be your leak insurance. Where can I get it?" asked the farmer. "Why, any good dealer sells it or you can write to the Barber Asphalt Paving Company, in Philadelphia. They will send you their enlightening booklet, 'The Good Roof Guide Book,' and give you full information. See ad on page 8. Please mention this paper when you write for booklet."

## Reliable Poultry Breeders

**PLYMOUTH ROCKS.**  
**PRIZE WINNING BARRED ROCKS**—Eggs, babies, breeders. Mrs. Gillespie, Clay Center, Kan.

**BIG TYPE BARRED ROCKS**—Barred to the skin. Breeding pens and spring hatch for sale at half price now. A. H. Duff, Larned, Kan.

**BUFF ROCK** cockerels and pullets for sale. Promising youngsters weighing from two to three pounds. Write me today about them. William A. Hess, Humboldt, Kan.

**WYANDOTTES.**  
**BUFF WYANDOTTES**—Breeding stock in season. A splendid lot of youngsters coming on. The best bargains to those who buy early. Wheeler & Wylie, Manhattan, Kan.

**LEGHORNS.**  
**SPONG'S S. C. White Leghorns.** Hens \$10.00 per dozen. Alex Spong, Chanute, Kan.

**GUARANTEED** thoroughbred pure white S. C. Leghorn hens \$10.00 per doz. Cock birds at reasonable prices. J. A. Blunn, Sta. A, Wichita.

**SEVERAL VARIETIES.**  
**EGGS**—Mottled Anconas. Siddle Wallace, Weldon, Iowa.

**THOROUGHbred** hens, cockerels, Runner ducks. Dollar each. Jordan Poultry Farm, Coffeyville, Kan.

**KELLERSTRASS** White Orpingtons ready for shipment. Prize winning parentage. Ask for prices. A. B. Collins, Yates Center, Kan.

**DARK CORNISH FOWL** (Indian Games). Forty pullets, forty cockerels, three cocks, thirty hens, for sale. Some two pound youngsters cheap. Write for bargain list. Must have room. J. P. Bridges, Douglass, Kan.

**NEOSHO POULTRY YARDS** recipe for roup, cholera, paralysis, canker mouth (Commonly called limber neck). Price \$1.00. Reference on remedy by poultrymen given. 30 years' experience with poultry. J. W. Swartz, Americus, Kan.

**FLOWER POST CARDS FREE**—Five of all different, beautiful rich colored forget-me-nots, Violets, Roses, Pansies, etc. Send 2c stamp for postage. W. H. Gates, 863 Jackson St., Topeka, Kan.

# 62 INDIVIDUAL PRESENTS, INCLUDING 20 INCH FULLY DRESSED DOLL, JUST AS SHOWN HERE, ALL ARE REAL ARTICLES POSITIVELY NO "CUT-OUTS" all Free




This is the greatest doll combination ever offered and all 62 articles are given as one gift—all free.

The big doll is life size—nearly two feet high, dressed complete from her pretty picture hat with feather, lace and gilded buckle, to her dainty slippers, including complete underwear, petticoat, stockings, etc., her dress is very prettily made, half length and trimmed with lace. Her little chatelaine watch with fleur de lis pin is a beauty. The little baby doll is 4 1/2 inches high and has long flaxen hair nearly to her knees. The barking dog is half a foot high, brown head, white body, collar with bell, push doggie's head and he opens his mouth and barks just like a real puppy. The dining room set is made of bamboo, dining table and four upright chairs. The 24 piece Tea Set is a beauty, nice decorated tray with six little cups and saucers, six tea spoons, tea pot and cover, sugar and creamer all to match. The 3 baby rings are made of white metal, each with a different stone setting. Dollie's house is decorated in colors with gable roof and very pretty. The 3 piece garden set of rake, hoe and shovel, the 7 piece tool set of saw, hammer, hatchet, file, trowel, wrench and chisel, are all made of white metal, perfect little instruments. Dollie's lantern, mail car, street car and opera glasses, also the ten pet animals, are also made of white metal and stand up as natural as life. The baby whistle looks and sounds like a small policeman's whistle.

**HOW FREE:** As stated above, all these 62 doll articles ARE FREE—no advertising our business. SEND NO MONEY, just your name and address and we will send you postpaid 12 new style wall picture paintings and 12 coupons, each good for 35 patterns. You hand out one picture painting and one coupon on a big offer including more and collect 25 cents. You only need to make these twelve 25 cent sales—NO MORE or less—and we will then send you the big dressed doll and ALL the other fascinating doll presents. You can do this work in an hour. Our pictures, pattern coupons and other things GO LIKE "HOT CAKES." We run all the risk. Just send your name today if you want this wonderful 62 doll combination.

**H. B. PATTERSON, Secy., 501-509 Plymouth St., Dept. 121 CHICAGO**

FREE

# CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

There need be no more guessing or speculation on the crops of 1912 as they are just about all made and the facts are at hand. As a crop year 1912 will rank up close to the top and is outstanding in contrast with its predecessor, 1911. Wheat and other small grains have made record yields and corn will average better than a normal crop generally. Feed will exceed all expectations and the misfortune of it is that there is not enough stock in the country to make use of it. There is more fruit than can be taken care of properly and gardens never yielded more abundantly. So it may be said that 1912 will go down in history as a "fat" year generally.

What is especially gratifying to note is that western Kansas is coming unto its own again. Crops in the shortgrass country will average better than those of other portions of the state considerably farther east. Rains have been well distributed and from Stevens county comes the report that farmers are complaining of too much rain. Reports from Osborne, Smith, and Rooks counties say that grain in the stacks is being damaged by excessive moisture.

## KANSAS.

**Sheridan County**—Harvesting finished. Excessive rains since July 24. All forage crops best in years. Corn crop hard to beat. No burned fields. Large wheat acreage will be sown.—R. E. Patterson, August 21.

**Jackson County**—A 2 to 5-inch rain in this county August 14 put ground in good condition for fall plowing and greatly benefited corn and pastures. Wheat and oats turning out well. Wheat 80 cents, oats 32, corn 70.—F. O. Grubbs, August 20.

**Norton County**—About 7 inches of rain in last 30 days and corn promises about 40 bushels on the average. Oats making from 20 to 30 bushels. Thousands of tons of feed made. Shortage in hogs and cattle.—Sam Leaford, August 24.

**Osborne County**—Wettest August for a good many years. No threshing done for three weeks and heavy rains have damaged stacks considerably. Corn and roughness good. Cattle of all kinds scarce and high. Few hogs in county.—W. F. Arnold, August 24.

**Leavenworth County**—Stack threshing in progress and considerable wheat being sold from the machine. Corn looks well since the rains of August 20. Pastures short on account of dry weather first part of August. Hay is a fine crop.—Geo. S. Marshall, August 24.

**Labette County**—Very dry here until August 20 but rain was too late to help corn except very latest planting. Even the Kafir is hurt some. Threshing about all done. Farmers plowing for wheat.—Wilbert Hurt, August 24.

**Lyon County**—Dry weather of July injured corn about 40 per cent. Heavy rain August 20 will greatly help late corn, Kafir, cane and alfalfa. Ground soaked deep enough to plow and is in fine condition to sow. Showers have put new life in grass and other crops. Corn 75 cents, wheat No. 2 80, potatoes 60, eggs 16, butter 25.—E. R. Griffith, August 23.

**Scott County**—Four inches of rain August 13 and 14. Most of corn made. Milo and cane heading well. Land in fine condition for sowing wheat. Very little plowing done. Not much wheat will be sown in north part of county. Some crops lost by hail over a large portion of county. Will have a large crop of hay and fodder.—J. M. Helfrick, August 24.

**Kiowa County**—Plenty of rain the last two weeks. Corn quite promising. Will probably have more than the usual crop in this county. Wheat threshing out better than expected. Yields run from 15 to 42 bushels. Wheat ground preparation well along. Plenty of melons.—H. E. Stewart, August 24.

**Shawnee County**—Fine rain the first of week and corn looking good now. It had been hurt by the bugs and dry weather. Plowing all done and most of grain threshed. Farmers are making hay and putting up millet. Several silos are being put up around here. Hogs \$8, wheat 79 cents, corn 75, eggs 15, butter 25, potatoes 50.—J. P. Ross, August 24.

**Atchison County**—Frequent rains have damaged grain in the shock, compelling farmers to stack. Corn promises an exceptional yield. Farmers feeding oats as few have old corn. Pastures making good growth. Farmers hunting winter feeders at a good price.—H. L. McLendon, August 24.

**Washington County**—Rain five days out of seven last week. Corn in the hall section that was late on that account was greatly helped. Corn over the county generally good. Late gardens doing fine. Apples plentiful except in halled out district.—Mrs. Birdsley, August 23.

**Dickinson County**—Corn on bottom will be good, on upland about half a crop. Plowing about all done. Ground in good shape. Stack threshing well under way. Cattle and hogs selling high at public sales. Horses bringing fair prices. Pasture is improving. Alfalfa looking good.—J. G. Engle, August 20.

**Marshall County**—Local showers have helped corn wonderfully. Some parts still dry to plow. Threshing about finished. Some plowing done. Third cutting of alfalfa will make a poor crop except on low land. Hogs \$7.75, cattle \$3 to \$4, cream

24 cents, eggs 15. No fat cattle.—F. G. Stettinisch, August 22.

**Comanche County**—Threshing will last about two weeks longer. Average yield for county will be about 16 bushels. Some wheat badly damaged by recent heavy rains. Corn will yield from nothing to 40 bushels per acre. Kafir generally good. Pastures excellent.—S. A. DeLair, August 23.

**Hodgeman County**—Fine rains all over the county and feed is growing well. Corn will make a fair crop but hoppers have damaged it somewhat. Threshing in progress and wheat is turning out 12 to 20 bushels. Considerable smut in wheat. Oats making about 48 bushels.—E. N. Myler, August 20.

**Johnson County**—Several good rains the past week have made corn, pastures and grass move forward in great shape but the wet weather is bad for threshing. Considerable wheat in the stack but much of it still in the shock waiting for the machine.—Lloyd Douglas, August 17.

**Trego County**—Fine rains and all crops, feed and pastures look good. Wheat making an average of 7 to 17 bushels, oats 9 to 40. Corn in roasting ear. Lots of garden stuff and potatoes were never better. Several horses have died from unknown disease.—E. L. Dean, August 18.

**Stevens County**—Farmers complaining of too much rain as it interferes with threshing and broomcorn cutting. Just finishing cultivating late crops. There will be worlds of feed and grain this year. Milo and Kafir heading out fast. Wheat ground will be better prepared than ever before. Pastures fine. Cattle fat. No shipments of cattle from here yet.—Monroe Traver, August 22.

**Smith County**—Had 3 to 5 inches of rain the week ending August 17 and corn and alfalfa are doing fine. Corn was damaged some before rain came. Wheat in stack damaging badly. Plowing in progress but slow on account of wet weather. Plenty of vegetables and will have potatoes to sell this fall.—A. J. Hammond, August 17.

**Rooks County**—Plenty of rain. Wheat stacks beginning to grow and will cause considerable loss. Feed doing fine and there will be plenty of it. Corn will go about 20 bushels where there was a thin stand. Where a full stand was secured it is hardly good for fodder except on bottoms. Corn 85 cents, wheat 76, oats 45, eggs 13.—C. O. Thomas, August 23.

## OKLAHOMA.

**Rogers County**—Crops all short. Corn won't average 10 bushels. Late corn didn't do any good. Hay short and light. Mostly over \$7 a ton.—A. Cochran, August 24.

**Caddo County**—Crops of all kinds in fine condition. Corn made and will be a good average crop here. Wheat made from 10 to 25 bushels, oats from 25 to 50 bushels. Hay crop is good. Vegetables plentiful and cheap. Plenty of rain in August and weather is cool and pleasant.—E. Reddington, August 20.

**McIntosh County**—No rain since August 10 and ground is getting too hard to plow but millers are laying eggs on cotton now and hot dry weather will shorten the worm crop. Some chinch bugs in corn but they did not shorten the crop.—H. S. Waters, August 24.

**Kingfisher County**—Hot, and getting too dry to plow. Not much plowing done yet and will have two weeks more threshing. Largest peach crop on record. Shippers paid 55 cents for best. Others sold at 5 to 25 cents a bushel. Thousands of bushels rotted and a record amount dried and canned. Some corn coming in but is pretty green yet. It is bringing 45 to 50 cents.—H. A. Reynolds, August 24.

## HOUSE CONCURRENT RESOLUTION No. 3.

Granting equal rights and privileges to women.

Be it resolved by the Legislature of the State of Kansas, two-thirds of the members elected to each House thereof concurring therein:

That the following proposition to amend the constitution of the state of Kansas be hereby submitted to the qualified electors of the state for their approval or rejection, namely:

Section 1. The rights of citizens of the state of Kansas to vote and hold office shall not be denied or abridged on account of sex.

Sec. 2. This proposition shall be submitted to the electors of this state at the election for representatives to the Legislature in the year 1912. The amendment hereby proposed shall be known on the official ballot by the following title: "Amendment to the constitution granting equal rights and privileges to women," and the vote for or against such amendment shall be taken as provided by law.

Sec. 3. This amendment, if adopted, shall be known as section 8 of article 5 of the constitution of the state of Kansas.

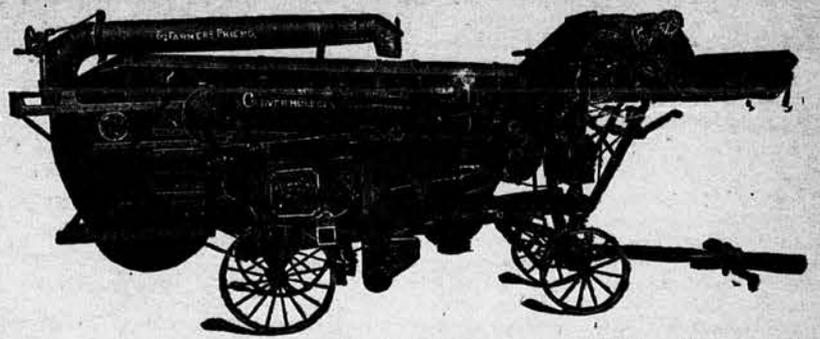
Sec. 4. This resolution shall take effect and be in force from and after its publication in the statute book.

Passed the House February 7, 1911.  
Passed the Senate February 8, 1911.  
Approved February 9, 1911.

I hereby certify that the foregoing is a true and correct copy of original House Concurrent Resolution No. 3, now on file in my office.  
CHAS. H. SESSIONS,  
Secretary of State.

## OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until January 1, 1913, for 25 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 4 of these trial orders and the \$1.00 collected we will extend your time 1 year.



## You Can Do Faster-Cleaner Work with a "Matchless" Huller

The Matchless Clover and Alfalfa Huller is unquestionably the best huller built for fast, clean and thorough work. It will handle clover under conditions in which no other huller can operate because of its positive method of conveying the pods to the hulling cylinder. Hulling cylinder and concaves are filled with square steel brads—far superior to any rasp or spike cylinder—are reversible, thus giving double wear. Concaves are fitted in cast iron brackets exposed on hinges which admits of easy access to the hulling cylinder. Is light in weight and very durable—stands absolutely still when in operation. All tailings are delivered to the center of the hulling cylinder. Has an excellent recleaning attachment—all the seed is saved and well cleaned. Buy a No. 4 Matchless and you will earn more money in the same length of time and satisfy your trade. Ask the opinion of the man who has used one. Write us for further information, or better still, call at our nearest branch.

**The Aultman & Taylor Machinery Company**  
Mansfield, Ohio.

Branches: Kansas City, Mo.; Wichita, Kansas.



Wheat field taken July 28th, 1912, in Shallow Water District, Logan county, Colorado, that threshed over 42 bushels to the acre. We have just opened up 20,000 acres of the best land in Colorado. Alfalfa will make six tons per acre, this season. Soil black loam, four feet deep, clay subsoil. Fine water 8 to 20 feet. Also great corn, oats and fruit country. Land pays for itself in two years. Agents wanted. Write for circular.

**PLATTE RIVER VALLEY LAND CO., 508 City Nat'l Bank Bldg., Omaha, Neb.**

## BUTLER GRAIN BIN CORRUGATED STEEL CAN'T CAVE IN

Can be used for storing machinery, etc. Sectional, capacity increased any time by additional sections. Large door and ventilator. Keeps grain perfectly. Ask for booklet telling why bins should be corrugated.

**BUTLER MFG. CO. 1204 WEST TENTH STREET, KANSAS CITY, MO.**



## BOYS! Get This Rifle FREE!

Will Shoot 350 Times

**Without Reloading**

**BOYS!** here is the Air Rifle you have always wanted—a real repeater that loads automatically just like a Winchester or a Marlin. Nearly 3 feet long, yet weighs only 2 pounds. Uses BB shot and shoots 350 times without reloading. Will kill, at long range, crows, hawks, and all kinds of small game, such as squirrels, rabbits, etc. Barrel and all working parts made of high-grade steel, handsomely nickel plated; stock of finely-polished black walnut. This splendid Rifle is just what you need for target practice and to take with you on your camping trips. No powder—no danger—yet it will shoot almost as hard and as far as a regular .22 caliber cartridge rifle. It is the safest and most powerful air rifle ever invented.

**SEND NO MONEY!** Just your name and address, and we will mail you, free and prepaid, 8 of our beautiful 12x15 Art Pictures to distribute among your friends on our grand 25-Cent Combination Offer. Then send us the \$2.00 collected and we will ship you absolutely free and express charges prepaid, this 350-Shot Repeating Air Rifle to pay you for your work. Remember, you risk not one penny as we take back pictures if you cannot dispose of them. We guarantee to refund the \$2.00 if you are not more than delighted with your Rifle after you receive it. Don't delay. Address at once.

**BOYS' RIFLE CLUB, Dept. 13, Topeka, Kansas**



FINE STOCK RANCH—2,720 acres of improved land, lying 16 miles northwest of Spearville, 6 miles south of a county seat; well improved. Barn 36x72, two-story house of 9 rooms, both house and barn are new, all necessary outbuildings, 4 wells, 55 to 90 feet to water, all smooth level land, part under cultivation. Will subdivide. Price \$18 to \$28 per acre. Liberal terms. New list free. E. M. MOORE, Spearville, Kan.

## 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.

The girl who is going away to college this fall won't need many clothes, but those she has should be of good material and nicely fitting.

The Moundridge, Kan., woman, who after spending all summer preparing good things to eat, had 175 cans of fruit stolen, has just cause for grief.

Every woman owes it to herself and to her family to have things just as convenient and comfortable as she can possibly afford.

Soap is good for chigger bites. I have been using it for some time, and find it the best thing I ever tried.—George W. Dodd, Hamilton, Kan.

This jingle is going the rounds. Can you figure it out? "My brother's brother's not my brother, and this is why, you see: Though his dear mother's my dear mother, my brother's brother's me."

### Dumb Waiter Saves Many Steps.

When I read the call for a description of the handiest kitchen contrivance I said at once, "My dumb waiter"—a device which takes up very little room in my pantry and which has become indispensable. It can be put in any kitchen with a little work, if the cellar is under that part of the house. My waiter is built in one corner and on the outside looks like a cupboard, 4 feet in width, 1½ feet deep, and reaching from the floor to 8 feet above. The door opening in front is 2 by 5 feet, and 2½ feet from the floor. The floor has been cut away beneath it and the waiter is hung through the opening by means of ropes and pulleys. In this cupboard, or case, the waiter runs up and down.

The waiter is 3 feet wide by 1 deep; the back and sides are enclosed, and there are three shelves. In the space between the waiter and the outer case the ropes and weights work easily. The ropes are attached to the top of the waiter, at each side. From there they run up over pulleys fastened at the top of the cupboard, and over into the open space at the sides, where each is fastened to a long 16-pound weight. In the center at the top is another pulley, with rope fastened to the center of waiter to draw the waiter up. The weights are sufficient to balance it when holding several articles. The waiter rests in the cellar on a platform 1 foot from the floor, facing a north



## We are Ready for Fall Shopping

When you come to the State Fair you will find us all ready with the Finest New Stocks of Fall Goods ever shown here. Not only are assortments larger, and the lines better chosen than you will find anywhere except at the Big Store, but the qualities throughout are better for the money. This comes of rigidly excluding from our stocks all merchandise not known by us to be of the highest standard of merit. We have been very careful, also, to keep the prices moderate.

Mills Mail Order Service can help you out if you can't come—but come if possible. Railroad fare may cost little or nothing. We refund fare according to amount of purchase.

**The Mills Dry Goods Co.**  
Topeka, Kansas

window. In it I keep anything that is in daily use which should be kept cool, and I can get it or put it away without even one trip to the cellar. During fruit season my canned fruit is all lowered to the cellar on this, my "labor saver."

Mrs. Susie B. Byers.

R. 3, Horton, Kan.

### Putting Up Fruit With Sulphur.

[Prize Letter.]

With the abundance of fruit we have this year, more people should try putting some up with sulphur. I will guarantee its keeping if these directions are followed:

If you are putting up peaches, peel them, and if freestones, remove the pits. Clings keep well with the pits. Do not cook. Fill two clean split baskets such as are used to market 25-pound lots of grapes. Have ready a clean, dry, tight barrel—I use an empty sugar barrel—and put the baskets in, one on top of the other in the barrel. At one side of the baskets on the bottom of the barrel place an old teacup half full of flowers of sulphur. Place a live coal on the sulphur, and when it burns up well put a stone jar in the barrel. Cover the barrel tightly with an old comfort over a clean white cloth, and smoke two hours, then open the barrel and pour your fruit into the jar. If there is not enough to fill it you can sulphur some more any time and fill it up. Cover with a clean cloth and paper and tie it up. It does not have to be air tight. You can open it any time, and the peaches will not spoil. They can be kept anywhere, although a cool room would, of course, be best.

I put up 5 gallons of white grapes on the stem a week ago. I ate a bunch today, and they are keeping perfectly. All broken or spoiled grapes should be picked off before they are sulphured. My grapes, as fresh as if just picked, will seem very nice in January. Pears may also be kept this way. Do you like cucumbers sliced? Sulphur them the same way whole, and see how good they are in winter.

Two months ago one of my neighbors bought a bushel and a half of string beans. She cooked them in unsalted water until they were tender and quite dry, then put them in the split basket and sulphured them two hours, using the same old teacup half full of sulphur, then poured them in a 4-gallon stone jar and tied them up. The other day she opened the jar and showed me how nicely they were keeping. She does not expect to use them until in the winter.

Mrs. B. F. Dutton.

Wichita Falls, Tex.

### Where to Be Oldest Is Unlucky.

[Prize Letter.]

I would like to say a few words in behalf of the elder children in the home. Don't let the younger ones tyrannize over them; or in other words, don't make them the slaves of the younger ones. Having been the eldest of a large family "I know whereof I speak." I vividly remember how all my joy and pride in the possession of a new express wagon was turned to hatred of it by having to pull my baby sister around in it for hours at a time, and at times when I wanted to play with something else. If I failed to keep it going as long as she wished there was a howl set up, and dire punishment was in store for me.

Another thing I learned to hate in early childhood was a cradle; and although I am now close onto two score years of age I've not gotten over it. It sounds beautiful to say "the hand that rocks the cradle rules the world," but I didn't feel much like the ruler of the world in those days when I rocked it so much. Although I'm the mother of seven children I've never rocked one of them in a cradle nor allowed anyone else to. Neither do I compel the older ones to play with the

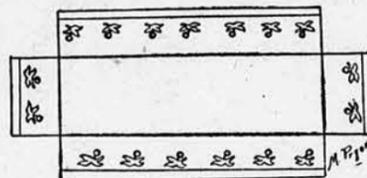
little ones. If they wish to—and they often do—I encourage them to, but if they want to go off and play away from the little ones I make no objections. Consequently my youngest can play as happily by herself as if they were all playing around her. And when the older ones play with her they enjoy it instead of feeling it a task.

If I had been the only one to suffer thus in childhood I would have nothing to say now. But often and often I've seen the elder sister—it's usually the sisters who suffer—a perfect slave to some younger brother or sister, never able to romp and play with others of her own age without the little one along to demand her attention the greater part of the time. I early resolved that if I ever had any children one should never tyrannize over another; and that resolve I have kept, with the result that each of my seven can play happily and contentedly either alone or with all the others. I lay my baby on the bed and she laughs and plays and goes to sleep just as the first one did. Mrs. W. R. Groves. Woodward, Okla.

### A Something New Couch Cover.

[Prize Letter.]

Last year I made a couch cover which is so pretty I am planning to make another. It was made of unbleached batiste, 4 yards at 15 cents a yard. I cut an oblong piece for the top, allowing 1 inch extra for seams. Other strips the



STENCILLED ABOVE THE HEM.

length and width of couch were cut of sufficient depth just to escape the floor, allowing 3 inches for hem. Then with a stenciling set I decorated the strips, placing a pretty design just above the finished hem. Then I stitched the parts together, leaving the ends open so it might be ironed perfectly flat. Bows of ribbon might be added as a finishing touch at the four corners, and cushions with batiste covers stenciled in a corresponding design are very fetching and inexpensive. Eleanor Kelso. Lancaster county, Nebraska.

### Apple Jelly Worth Eating.

Wash and dry on a towel some nice leaves of the rose geranium. Fill glasses with apple jelly, put a leaf on top of each glass while the jelly is hot, and leave until ready to use. A very delicate flavor will be obtained.

Colorado.

S. H.

[Some housewives lay the geranium leaf in the bottom of the glass and pour the hot jelly over it. This insures every particle of the jelly being flavored, and does not interfere with the paraffine on top.—Editor.]

### The Recipes Are Good.

We have been enjoying the Mail and Breeze in our home for many months and appreciate its value, as it helps in the home and on the farm. I read every word of the Women Folks' department, and have had splendid luck with every recipe that I have tried.

Hartman, Ark. Jennie Darby.

### SIX SILVER NARCISSUS TEASPOONS FREE.

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

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.



## You may trust your own "canned goods"

Will you make the most of your garden and your orchard? Or will you allow fine, fresh fruits and vegetables to go to waste? Learn the secret of "jarring"—the new, safe, easy way of canning in

## E-Z SEAL JARS

They are all glass—made with the glass cap. No tin tops to taint the fruit. The spring seal closes with a clamp—no twisting and turning. No trouble, no risk—the jars that all women like. Try preserving in E-Z Seal Jars—for the joy of it!

### Free Jar—Free Book

Cut out this coupon, take it to your grocer—he will give you one E-Z Seal Jar—FREE. Be sure and write us for FREE Book of Recipes—it tells many things you should know. Get the Jar from the grocer. Get the Book from us.



HAZEL-ATLAS GLASS COMPANY  
Wheeling, W. Va.

### 1-Qt. E-Z Seal Jar FREE for the Coupon

Please note—in order to secure free jar this coupon must be presented to your dealer before Oct. 15th, 1912, with blank spaces properly filled out.

HAZEL-ATLAS GLASS CO. AT  
Wheeling, W. Va.

This is to certify, that I have this day received one "Atlas" E-Z Seal Jar Free of all cost and without any obligation on my part. This is the first coupon presented by any member of my family.

Name \_\_\_\_\_

Address \_\_\_\_\_

TO THE DEALER:—Present this to jobber from whom you received E-Z Seal Jar. All coupons must be signed by you and returned before Nov. 1st, 1912. DEALER'S CERTIFICATE. This is to certify, that I gave away one "Atlas" E-Z Seal Jar to the person whose signature appears above.

Dealer's Name \_\_\_\_\_

Address \_\_\_\_\_

IOWA FARMS! Best soil, good improvements, all sizes, bargain prices, easy terms. Write today for our 1912 illustrated list. NORTHERN IOWA LAND COMPANY, Independence, Iowa.

## BRACELET FREE



GIVEN AWAY

We will give, absolutely free, to the first girl in each neighborhood who writes us, this fine Adjustable, Signet Bracelet, guaranteed for five years. It is made of real rolled gold, with handsomely chased links and highly polished, engraved signet disk with space for your initial. Just send us your name and address for 8 packages of our choicest embossed post cards to distribute among your friends on our special offer. When distributed, send us money collected and we send you this beautiful Bracelet in a pretty Satin-Lined Case, absolutely free. Your money refunded if you are not delighted. Address S. M. WRIGHT, 137 W. 8th, Topeka, Kan.

# HOME DRESSMAKING

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



- 5904—Ladies' Seven-Gore Skirt, 5 sizes, 22 to 30 inches waist measure. Size 24 measures 2 3/4 yards around lower edge.
- 5914—Ladies' Dress, having a four-gore skirt, six sizes, 32 to 42 bust.
- 5918—Child's Dress, closed at back, and with guimpe, sizes 6, 8, 10, 12 yrs.
- 5925—Ladies' Coat, six sizes, 32 to 42 bust.
- 2935—Dressing Sack, eight sizes, 32 to 46 bust.
- 5857—Girls' Dress, closed in front, sizes 6, 8, 10, 12 yrs.
- 5899—Work Apron, with or without seam in front, high or low neck and long or short sleeves, sizes 32, 36, 40, 44 bust.
- 5907—Ladies' Waist, six sizes, 32 to 42 bust.
- 4682—Dressing Sack, six sizes, 32 to 42 bust.
- 5910—Child's Dress, sizes 4, 6, 8, 10 yrs.

### 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.

### Jellied Chicken.

[Prize Recipe.]

Cook a chicken until tender and season with salt and pepper. Besides the chicken there will be needed a pint of the broth in which the fowl was cooked, a half box of gelatine, 2 hard boiled eggs, and pickles, olives or celery if liked. Soak the gelatine in a little cold water to soften then add the hot broth to dissolve it. Pick the chicken from the bones and cut in small pieces—do not grind. Mix the meat with the sliced eggs and the chopped pickles, olives or celery, then

add to the gelatine. Put into a wet mold and chill until firm. When cold pour it out from the mold, slice and serve. The appearance of the chicken may be improved by adding a few chopped parsley leaves before it is mixed with the gelatine. A School Girl.

Atwood, Kan.

### Makes the Hard Work Easy

BY MRS. L. E. DEAN.

At one time, having more work than two women should do, necessity compelled me to use my wits. My dining room and kitchen were both large, and traveling from dining table to stove and pantry, placing the meals on the table for my large family and clearing them away was, in addition to the other work, more than I could well accomplish, and this led to the evolution of "Bridget."

Placing my dishpan and rinsing pan side by side on the table, I measured the rectangle that would hold them safely; then from a nearby store I got a shallow box about that size. Four legs were cut from a piece of 2 by 2-inch stuff, and a good caster placed on each. Part of the height of the box was removed and a leg was securely nailed in each corner. Across the legs widthways a slat was nailed at each end, and boards sawed to slip in over the slats and form a shelf.

This was all there was to my first "Bridget," but later I added another feature or two. A piece of plank reaching from the shelf to a few inches above the top of my rinsing pan was securely nailed to the end of the box. On each side of this, about 1/4 inch from the top, a cheap, iron bracket was fastened; a board was then nailed across the top of plank and allowed to rest on the iron brackets, to which it was firmly fastened. This was to serve as a draining board. The 1/4 inch allowed in placing the brackets gave it the necessary slant, letting the water drain back into the pan, while a small strip on either edge kept the water from running over the sides. I stained the legs and sides and tacked a piece of oilcloth over the top, and "Bridget" was ready for business.

When a meal is cooked I place the dishes needed to take it up on "Bridget" in the pantry, roll it to the stove, take up everything and roll it to the dining table near my own place. If there is not room for all the dishes on the table "Bridget" holds the remainder near my hand. After the meal the left-overs and the scraps are rolled to the pantry. Then dishpan, soap, rinsing pan and towels are rolled back beside the dining table. The dishes are taken from the table, washed and placed in the rinsing pan which is filled with hot water. When a few are washed they are taken from the rinsing pan, turned on the raised shelf to drain, wiped and placed back on the table. When all are washed the

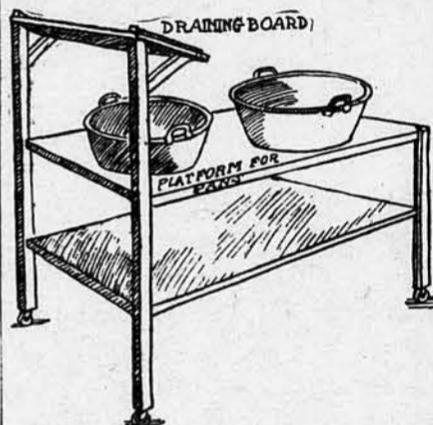
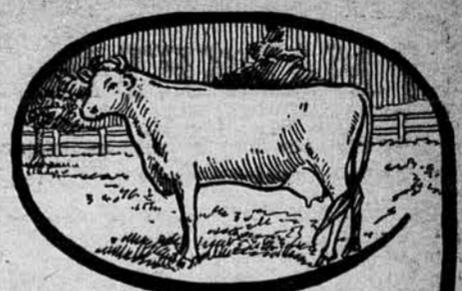
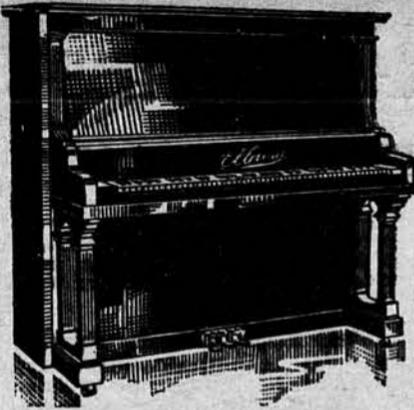


table is covered and "Bridget" rolls to the kitchen. The dishes which should be taken to the pantry are placed on the shelf underneath as they are washed. When all are washed, dishwater thrown out and towels rinsed, the whole is rolled to the pantry and "Bridget," who has saved me a mile or two of travel and considerable time, can rest until needed for the next meal. A stray chair round may be utilized for a towel rod. Just stick it through the iron brackets. When making pies in hot weather, "Bridget" is useful, too. You can make the pies in the cool pantry. Bridget will take them all to the oven at once and receive them all when done.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.



### Any Ordinary Cow Can Earn \$6 a Month, the Amount It Would Take to Buy This Magnificent Piano.

Just think, only one of your cows would furnish the small sum required to buy an Elburn. Practically no sacrifice at all. And the pleasure the piano would bring into your home would be worth twenty times this insignificant sum. Let us send you an Elburn on free trial. You won't need to pay a cent unless you are entirely satisfied with it. If all of your friends don't say it is one of the handsomest pianos they ever saw and is worth every cent we ask you can send it back. We'll stand all of the expense.

We have hundreds of letters like the one quoted in this advertisement. Piano experts all over the country have congratulated us on being able to sell such a piano for so little.

### This is the Elburn H-2

The Best Piano Value Ever Known for Only ... \$225

\$6 Monthly

Stover, Mo., March 23, 1912.  
Gentlemen—The Elburn received, today. I wish to thank you for extraordinary treatment. The piano far exceeds my expectations. This is the second piano I have purchased from the Jenkins Music Co., and I am extra well pleased.  
Wishing you success, I am,  
(Signed) LUTHER W. TAYLOR.

Remember we always have on hand many bargains in Used Pianos of famous makes. Write today.

J.W. JENKINS SONS' MUSIC CO., KANSAS CITY, MO.

**FREE** We will send you this beautiful Gold Plated Ring absolutely Free if you will send us the names of five of your neighbors and \$10 to pay postage, etc. ELKINS OPT. CO., Kansas City, Mo.

## ECZEMA

CAN BE CURED. My mild, soothing, guaranteed cure does it and FREE SAMPLE proves it. STOPS THE ITCHING and cures to stay. WRITE NOW—TODAY. DR. CANNADAY, 235 Park Square, Sedalia, Mo.

**FREE TO GIRLS!!**  
Beautiful heart-shaped locket, gold plated, elegant Roman finish, Int. Diamond set. Latest style hinged locket, two lined photo compartments. Locket is 1 1/4 in. deep, secret lock. Also beautiful gold finished chain.  
**Locket and Chain Guaranteed!**  
If they do not wear to your satisfaction you can return them within two years and we will replace with new goods. Locket and chain free for distributing 4 Enamelled Art Pictures on our essay plan. Pictures sent free, charges prepaid. Send name and address at once, Household Novelty Co., Dept. 11, Topeka, Kan.

## 6 Beautiful Narcissus Silver Tablespoons FREE

To Match Our Teaspoons  
**Extra Special 20-Day Offer**  
To Mail and Breeze Readers!

Here is a chance for every housewife who reads the Mail and Breeze to secure absolutely free a set of 6 of our famous Narcissus Silver Plated Table Spoons. During the past 5 years we have given away thousands of sets of these beautiful table spoons, but never before have we been in a position to make such an attractive offer as we are now making to the women folks who read the Mail and Breeze.

Owing to our large purchases we have secured a price on these spoons which we believe is about one-fourth the price any local dealer would ask for the same grade of goods.

We have searched through the silver plate markets of the world and have never been able to find, at anything near the same cost, goods of such remarkable wearing qualities and of such beautiful design as this justly famous Narcissus set.

### Full Standard Length and Weight

These are not small sized dessert spoons which are usually offered as premiums. These spoons are all full standard table spoon size, 8 1/4 inches long—handle 5 1/4 inches long, bowl 3 inches long and 1 1/4 inches wide. They are silver plated and handsomely engraved and embossed in the beautiful Narcissus design, same as the Narcissus teaspoons which we have been giving away for more than two years. Bowl is highly polished and the handle finished in the popular French gray style. The Narcissus design extends the full length of the handle on both sides. The gray finish of the handle contrasts with the bright polished bowl and produces an effect that is decidedly pleasing.

We could send you hundreds of enthusiastic letters from those of our readers who have received these spoons on other offers we have made in the past. We know they will please you, too—and if they don't you can send them back within 5 days and we will cheerfully refund every penny of your money.

### Here Is Our Offer:

For the next 20 days, or as long as our supply lasts, we will give one set of 6 Narcissus Table Spoons free and postpaid to all who fill out the coupon printed below and send \$2 to pay for a three-year new, renewal or extension subscription to Farmers Mail and Breeze.

We will send one set free and postpaid for three one-year subscriptions to the Mail and Breeze at our regular rate of \$1 per year. One of these subscriptions may be your own renewal, but the other two must be new subscriptions.

If you want to be sure of securing one of these beautiful sets before our offer is withdrawn clip out the coupon and send it in today. Address

**FARMERS MAIL AND BREEZE,**  
TOPEKA, KANSAS.

### Use This Coupon Now!

Publisher Mail and Breeze, Topeka, Kansas.  
I am enclosing herewith \$2 to pay in advance for a three-year subscription to Farmers Mail and Breeze. You are to send me as a free premium, postpaid, one set of 6 full size Narcissus Silver Plated Table Spoons.  
This is a (new) (renewal) (extension) subscription.

Name .....

Address .....

(If you send 3 one-year subscriptions use a separate sheet of paper for the 3 names.)



# MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

Chicago quoted cattle prices Monday of this week strong to 10 cents higher; St. Louis and St. Joseph steady; Omaha steady to 10 cents lower, and Kansas City steady to 15 cents lower. Nothing in new high tops was reported at any of the markets. In Kansas City receipts were more than 22,000 cattle, the largest supply this year, but from a beef standpoint they were deficient.

The cattle market continues on its record making course, new high levels being scored again last week. The highest price paid in Chicago was \$10.60 and \$10.50 in St. Louis and Kansas City. There were more than a hundred carloads that sold at 10 cents or better. This class of beef is not going to the general trade, but is finding an outlet in the high class hotel and eating house demand. Some steers that sold recently at \$10.40 were contracted for before they were purchased, and the small loin from these steers sold wholesale to a southern hotel at 33 cents a pound. It takes a millionaire to pay for such beef, but the choicest beef is moving more readily than the plainer cuts. Aside from the choice grain fat steers the market is firm for the other kinds, and some higher than in the preceding week. Some wintered and half fed western steers have sold up to \$9.40, and straight pastured steers from Kansas have made \$9.10. The lowest priced steers sold at \$3.75, giving the market a range of \$6.85. Never before in the history of markets has such a range in prices existed. The steers that sold under \$4.50 were no more than "canners" and those from \$5.25 down were of very doubtful killing quality. It is a hard market to judge and one that is subjected to the whims of buyers. Receipts last week fell about 20,000 short of the preceding week, and with prices now back to new high levels larger supplies may arrive next week. Recent rains have fallen in sections of the Central West, West and Southwest that were beginning to get short on grass, and the prospects now are that there will be no compelling force in the marketing of cattle for the next two months. There is no reason why good, well fattened steers should sell lower at any time in the next two months than at present.

### Cow Loin Will Be Scarce.

This is the season for gathering surplus loin for later in the year. Most of it comes from cows and heifers of the cheaper classes. This year it is keeping killers rustling to keep up with orders for immediate use, and no surplus will be collected. Prices are keeping up to recent high levels, with fluctuations governed largely by the urgency of shipping orders. Small butchers throughout the country are taking some of the better cows and heifers. Range cows are scarce. The few offered so far have sold up to \$5.50 and heifers up to \$6.75. Bulls are selling at \$3.25 to \$5.25. Demand is active. Veal calves advanced 25 to 50 cents over the low level of the preceding week.

### Feeder Requirements Large.

Demand for cattle for immediate feeding and for kinds that can be grazed until late in the year and then fed are in urgent request. Prices are not quotably higher, but they hold firm at the recent high levels. All the markets have reported liberal shipments to country points for two weeks past, but for the year thus far outgoing shipments are more than 30 per cent short of the same period last year.

### New Records For Hogs 1912.

The \$9 hog was reported in St. Louis and Chicago Monday of this week, and the top price in Kansas City was \$8.75, in St. Joseph \$8.70, and Omaha \$8.45, all new high records at the respective markets for the year.

Hog prices last week made new high levels for the year, but the trading was punctuated with more or less uncertainty and an uneven movement in prices. River markets were relatively higher than Chicago, at times, and some readjustment had to be made on that account. Speculators saw good margins by operating freely, but on two days packers undertook to squeeze them by lowering prices. Notwithstanding these drawbacks, the market showed stronger average prices than in the preceding week. Receipts have been light. According to reports from the country the supply for the next two months will be small. In various points in Kansas, Iowa and Missouri cholera has broken out again, and though nothing alarming is shown in the situation, growers are unusually nervous

after last year's experiences. Prices for fresh pork were advanced again, but demand continues strong, and is taxing the supply of hogs live weight to meet requirements.

### Sheep Prices Advancing Again.

There was a noticeable improvement in demand for sheep last week and prices were quoted up 25 to 35 cents. Prices in the preceding week had fallen to such low levels that receipts were beginning to fall off. The high prices for pork and beef added renewed demand for mutton. The best lambs are selling at \$6.75 to \$7.25 and yearlings at \$4.50 to \$5. Heavier mutton grades, though some better than in the preceding week, do not sell as readily as the light weight kinds. Receipts fell off some last week, the decrease falling largely in the range shipments. A good many feeding lambs were sent to country points at prices ranging from \$4.50 to \$6, and sheep \$3 to \$3.75. No new feature was added to the wool market and prices remained steady. Reported sales were small. The next few weeks will witness a liberal movement of sheep, but a broad country demand is expected.

### The Movement in Livestock.

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

	Cattle	Hogs	Sheep
Kansas City	46,575	22,300	27,300
Chicago	43,700	99,000	115,000
Omaha	16,375	34,800	36,300
St. Louis	21,900	27,300	11,850
St. Joseph	8,000	27,600	9,500
Total	136,550	211,000	249,750
Preceding week	155,575	221,900	226,750
Year ago	169,700	244,900	248,050

The following table shows receipts of cattle, hogs and sheep at each of the five western markets Monday, August 26:

	Cattle	Hogs	Sheep
Kansas City	22,100	9,900	10,000
Chicago	17,000	26,000	35,000
Omaha	8,900	2,200	38,000
St. Louis	8,000	5,000	2,500
St. Joseph	2,100	3,400	1,500
Total	58,100	39,600	87,000
Week ago	49,900	50,100	68,300
Year ago	58,950	46,100	89,500

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	\$10.60 \$8.15	\$9.00 \$7.85	\$5.65 \$5.10
Kan. City	10.50 8.20	8.80 7.45	5.25 4.25

### Horse Trade Fairly Prosperous.

The trade in horses and mules broadens some each week, and a fair volume of business is now being transacted for this season of the year. Prices continue about the same as in preceding weeks. There is a decided preference shown for the weightier classes with good quality, and the common and pluggy kinds have sold slowly. Some feeders are buying thin cotton mules.

### Grain and Hay Higher.

Receipts of corn, wheat and oats last week were not as liberal as in the pre-

ceding week and prices were higher. Corn and wheat were up 2 to 3 cents and oats were only fractionally higher. Prairie hay was quoted up 50 cents a ton, and other varieties except some low grade kinds were ready sale at firm prices.

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

	Kansas City	St. Louis
Wheat—		
Hard No. 2	91 @ .92	93 @ .95
Soft No. 2	1.00 @ 1.04 1/2	1.03 @ 1.05 1/2
Corn—		
White No. 2	.79 @ .79 1/2	.81 @ .81 1/2
Mixed corn	.78 @ .78 1/2	.78 @ .79
Oats—		
No. 2 white	.34 @ .35 1/2	.34 1/2 @ .35 1/2
No. 2 mixed	.33 1/2 @ .34	.33 @ .33 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	\$1.06 \$1.10	81 65	35 42 1/2
Kan. City	1.02 1/2 .97 1/2	79 63	34 1/2 43 1/2

### Carlot Grain Receipts.

The following table shows the receipts of grain for the week at the three principal grain markets, together with the receipts for the corresponding week one year ago and those of last week:

	Wheat	Corn	Oats
In Kansas City—			
This week	1373	101	141
One year ago	604	103	111
In Chicago—			
This week	1118	868	1654
One year ago	923	2075	1428
In St. Louis—			
This week	1174	272	368
One year ago	252	304	148

### Kansas City Hay Quotations.

Prairie, choice, new	\$10.50 @ 11.00
Prairie, No. 1	9.50 @ 10.00
Prairie, No. 2	8.00 @ 9.00
Prairie, No. 3	6.50 @ 7.00
Timothy, choice	13.50 @ 14.00
Timothy, No. 1	12.50 @ 13.00
Timothy, No. 2	9.50 @ 10.00
Timothy, No. 3	6.50 @ 7.00
Clover mixed, choice	12.50 @ 13.00
Clover mixed, No. 1	11.00 @ 12.00
Clover mixed, No. 2	9.00 @ 10.50
Clover, choice	8.50 @ 9.00
Clover, No. 1	8.50 @ 9.00
Clover, No. 2	6.50 @ 7.00
Alfalfa, choice	14.00
Alfalfa, No. 1	12.50 @ 13.50
Alfalfa, No. 2	10.50 @ 12.00
Alfalfa, No. 3	8.00 @ 10.00
Straw	4.50 @ 5.00
Packing hay	5.00 @ 6.00

### Seed Quotations.

Kafir corn, No. 2 white, \$1.68 @ 1.69 a cwt.; No. 3 white, \$1.66 @ 1.67 a cwt.; alfalfa seed, \$10 to \$14 a cwt.; cane, 90c to \$1.00; flaxseed, \$1.55 a bushel; timothy, \$1.75 @ 2.00 a bushel.

### The Broomcorn Market.

The broomcorn market at present is in an unsettled condition. No new corn is moving to speak of and manufacturers are not buying any more than enough old broomcorn to meet immediate requirements. Some corn was put under contract in the Lindsay, Okla., district at \$120 a ton, but heavy rains there 10 days ago injured the brush to a noticeable degree. The late corn yield will be large. Choice, old corn, green, selfworking, is quoted at \$90 to \$100 a ton, fair to good selfworking \$50 to \$85 a ton; common to fair selfworking \$30 to \$45. Stemmy kinds are not wanted, and selected, choice brush would probably sell \$10 to \$15 above the preceding top quotations.

### Livestock in Kansas City.

Lighter receipts of cattle last week than in the preceding week stimulated the trading and prices turned to the highest level of the year. The top sales were \$10.50 for grain fed steers, \$9.40

for wintered western steers and \$9.10 for western grass fat steers. Fed steers are quoted at \$9.50 to \$10.50 for the best and \$8.75 to \$9.40 for others. Pastured steers are bringing \$5.25 to \$9.40 on the native side and \$3.75 to \$6.80 on the quarantine side. The choice steers have been scarce. Butcher cattle were 15 to 25 cents higher on the medium to fair classes, and stronger on "canners" and the best kinds. Cows sold at \$2.65 to \$7, heifers \$3.50 to \$8.50 and veal calves \$4 to \$8.25. Stockers and feeders were in strong request at \$4.50 to \$7 and feeders \$5 to \$8.65. Some 1,305-pound steers sold to an Iowa feeder at \$8.65.

On Tuesday of last week hogs sold up to \$8.67 1/2, the highest price of the year. Saturday only three carloads were offered, one sold at \$8.55. Packers have been inclined to bear the local market owing to the activity of speculators.

The following table shows the range in prices of hogs in Kansas City on days named for the past two weeks:

	This week	Preceding wk.
Tuesday	\$8.25 @ 8.67 1/2	\$8.15 @ 8.50
Wednesday	8.20 @ 8.60 1/2	8.20 @ 8.55
Thursday	8.10 @ 8.52 1/2	8.10 @ 8.50
Friday	8.10 @ 8.55	8.15 @ 8.50
Saturday	8.10 @ 8.55	8.20 @ 8.55
Monday	8.25 @ 8.57 1/2	

Prices for lambs late last week were 25 to 40 cents higher than at the close of the preceding week, and sheep up 15 to 25 cents. Light receipts stimulated the demand. Lambs are quoted at \$5.50 to \$7, yearlings \$4.25 to \$5.10, ewes \$3.25 to \$3.90 and wethers \$3.75 to \$4.50.

The following table shows receipts of cattle, hogs and sheep in Kansas City thus far this year and same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	940,389	1,181,733	241,344	
Calves	82,688	127,498	44,810	
Hogs	1,696,918	2,086,224	389,306	
Sheep	1,260,026	1,265,793	5,767	
H. & M.	50,152	55,715	5,563	
Cars	68,287	85,172	16,885	

### Livestock in St. Louis.

Prices for cattle in the first half of last week were advanced 15 to 25 cents, but later turned easier. A new high record for the year was made at \$10.50, and several loads sold at \$10 to \$10.35. Common steers sold as low as \$4.50. Texans and Indian steers are quoted at \$4 to \$8.25, cows and heifers \$3.25 to \$8.75, calves \$5 to \$9.50. Stockers were in strong request at \$5 to \$6.50 and feeders \$5.50 to \$7.50.

The hog market Saturday was the highest this year, the top being \$8.95 and bulk of sales \$8.50 to \$8.80, or 25 to 30 cents net higher for the week. Local prices continue the highest of all the markets. Receipts are light. Some sick hogs are coming.

The following table shows receipts of livestock in St. Louis thus far this year compared with the same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	533,225	602,059	68,834	
Hogs	1,654,724	1,910,959	256,235	
Sheep	679,000	720,139	41,139	
H. & M.	104,629	110,895	6,266	
Cars	48,019	54,068	6,049	

### Livestock in St. Joseph.

Cattle market last week showed a good, active demand with prices up 15 to 25 cents and the highest this year. Grass fat steers sold up to \$8.65, some prime corn fed steers at \$10.35 and other steers at \$5 to \$10. There was a wide difference in quality. Cows and heifers and mixed cattle sold readily, a little higher than in the preceding week. There was some shipping demand. Cows sold at \$2.65 to \$6.80 and heifers \$4 to \$8.25. Veal calves are quoted at \$4 to \$8.50, stockers \$4.50 to \$6.25 and feeders \$5 to \$7.50.

Prices for hogs here Saturday were 5 to 10 cents higher than at the close last week, though slightly under the high level of Tuesday. The top price was \$8.62 1/2 and the bulk of the hogs sold at \$8.30 to \$8.55. Receipts for the week were light, though fairly good in quality.

The following table shows receipts of cattle, hogs and sheep in St. Joseph thus far this year compared with the same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	277,848	300,128	22,280	
Hogs	1,382,798	1,230,402	152,396	
Sheep	430,310	418,978	11,332	
H. & M.	28,292	26,990	1,302	

### Cotton Market.

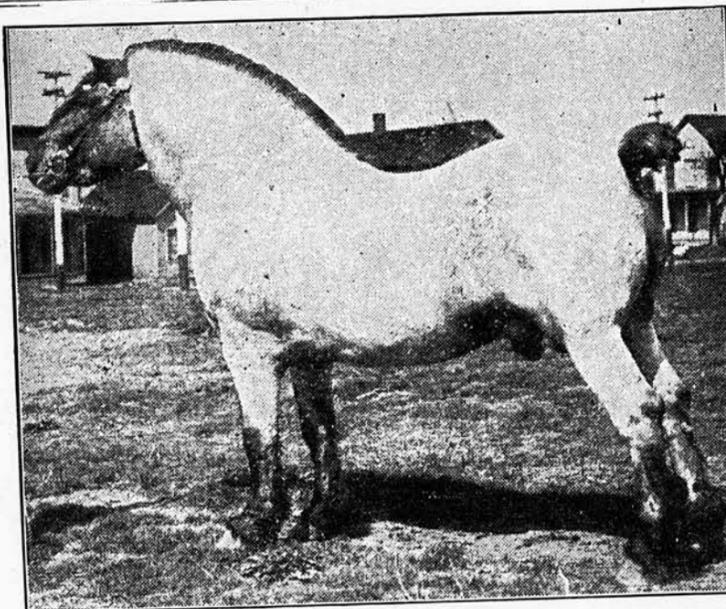
Galveston, Tex., Aug. 26.—COTTON—Market lower, 1 1/2c.

### Butter, Eggs and Poultry.

Elgin, Aug. 26.—Butter this week is firm at 25 cents.  
Kansas City, Aug. 26.—Prices this week on produce are:  
Eggs—Firsts, new white wood cases included, 21c a doz.; seconds, 16c.  
Butter—Creamery, extras, 24c a lb.; firsts, 22c; seconds, 21c; packing stock, 19 1/2c.  
Live Poultry—Broilers, 16c a lb.; spring chickens, 15c; hens, 11 1/2c; roosters, 7c; turkey hens and young gobblers, 12c; old toms, 10c; culls, 7c; young ducks, 12c; old ducks, 10c; geese, 5c; pigeons, 60c a doz.

## CONSIGN OR SELL TO US YOUR HAY AND GRAIN

Send us your name and we will keep you posted on the market. C. E. SHOFSTALL, HAY & GRAIN CO., 605B Live Stock Exchange, Kansas City, Mo.



The roan Belgian stallion Caesar, weight 2,365 pounds, that may be seen in the Percheron and Belgian sale barns of A. Latimer Wilson, Creston, Ia.

How Do You Fill Your Silo?

MANY WANT TO KNOW.

If you have had the experience the readers of the Mail and Breeze, who are this year to go through the operation of filling a silo for the first time, would like to have you tell them what is the best way to get corn from the field into the silo. How do you do the cutting, hauling and filling? What does it cost to fill your silo? The kind of engine used; how much horsepower is required to run the ordinary cutter, and whether you exchange work or hire help.

If the cutter is a company concern tell how many form the company and how many silos you think one cutter can take care of where corn alone is siloed.

We don't suppose anyone will be able to answer all the questions definitely, but would like to have each contributor to the discussion answer as many as he can. In that way no doubt a good practical answer to every question will be arrived at. Let's have the facts. Address these reports to Farmers Mail and Breeze.

Feeder Cattle Will Be Scarce

In a letter to Farmers Mail and Breeze the livestock commission firm of Clay Robinson & Company write that few persons realize the scarcity of stocker and feeder cattle in the country has reached an acute stage. They report a prospective falling off in supply of anywhere from 25 to 75 per cent from last year, mostly 40 to 50 per cent. The letter goes on to say:

"Enormous crops of oats, corn and hay are practically assured, which, along with record prices for fat cattle, will stimulate a demand not seen in this country in years.

"Those who intend to stock up either with stocker or feeding cattle will lose instead of gain by holding back their orders with the express purpose of getting the stock on a materially lower price basis. Prospective demand and supply this season practically assure the highest average market for thin cattle in the history of the business."

A Dry-Farmer For West Kansas

The men in western Kansas who are making a trial of dry-farming under western Kansas conditions, or who are seeking practical information and experience on that subject, are soon to have the assistance of an expert in dry-farming from the United States department of agriculture, who will do field work among them. His work will be under the direction of the college extension department of the Kansas Agricultural college, but his expenses will be borne jointly by the college, and the department at Washington. His field of labor will be confined to about 25 counties in the western part of the state. Superintendent J. H. Miller, who was in Washington last week to arrange for the coming of this expert, says it is quite probable that the government also will aid the college to provide county farm advisers, particularly for the western part of the state.

FREE TO POULTRY RAISERS.

Great Book of Money-Making Poultry Secrets—Given to Mail and Breeze Readers.

The well-known poultry authority, Mr. Reese V. Hicks, has written an intensely interesting and practical book that should be in the hands of every person interested in raising poultry for profit.

This book is "Tricks of the Poultry Trade"—the one different, desirable poultry book of the year. Among the many valuable secrets found only in this book are the following: Three methods of selecting the laying hen; A sure and certain method of selecting eggs for hatching; How to raise 500 chickens on a lot 30 by 40 feet; How to build a natural hen incubator; How to build feed hoppers and fireless brooders; How to make feed at 10 cents a bushel; How to make winter egg ration, poultry feeds and tonics, egg preserver, louse killers; How to grow pullets that lay young and make a large egg yield; How to handle incubators to best advantage; The trick of securing more pullets than cockerels; How to tell age of eggs and fowls; How to prevent lopped combs.

All these and many more subjects—too numerous to mention here—are fully covered in this great book. It is big value for two dollars of anybody's money—but we're giving them away FREE on this plan: We will give you one year's subscription to Farmers Mail and Breeze, one year's subscription to Poultry Culture, the best poultry journal in the West, and one copy of this great book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Arthur Capper, Publisher, Topeka, Kan.



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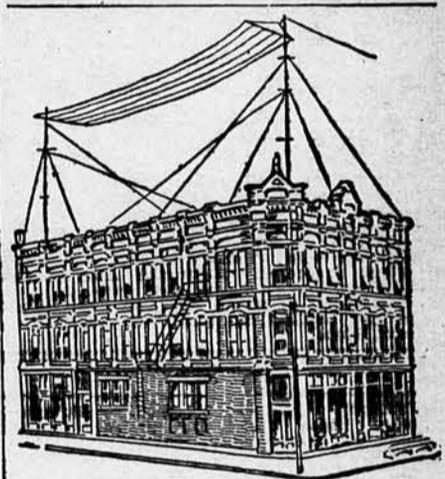
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FOR a "High Roller" Jersey bull about ready for service, write Chester Thomas, Waterville, Kan.

**SHERPSHIRE**—Rams and ewes for sale. All registered; prices reasonable. J. M. Shtlar, Moran, Kan.

**TAMWORTH** swine have size, quality, constitution, grazers, meet me at same place state fair. Howard Pendleton, Yukon, Okla.

**POLLED HEREFORDS**—One good two-year-old polled bull for sale; 5 yearling heifers horned, sired by polled bull; also spring bull and heifer calves and some cows; best of breeding. Write me at once. Ben Anderson, Knox City, Mo., Knox Co.

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**SEED** rye, wheat, alfalfa and cowpeas; local grown. E. F. Kelsey, Oxford, Kan.

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**ALFALFA SEED**—First class grade alfalfa seed for sale. For prices and sample address David Badger, Eureka, Kan.

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**WE ARE** always in the market for alfalfa seed. Submit samples when any to offer. Binding-Stevens Seed Co., Tulsa and Muskogee, Okla.

**KHARKOF WHEAT**—Extra fine pure Kharkof for sale at \$1.25 per bushel, while it lasts. R. C. Obrecht, Fairlea Farm, Topeka, Kan., Rt. No. 7.

**ALFALFA SEED**—Offer No. one alfalfa seed \$9.00, No. 2 \$8.00 bu., delivered at station in state. Sack free. Sample sent on request. No. 2 seed will give good stand, fifteen pounds per acre. L. A. Jordan, Winona, Kan.

**KHARKOF seed wheat.** Raised on upland. Averaged from 30 to 40 bu. per acre. College inspected. Re-cleaned and graded. \$1.50 per bu. Including new sack, f. o. b. Rock Island or Santa Fe. Car lots cleaned but not sacked at \$1.10. C. W. Taylor, Pearl, Kan.

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**43 VARIETIES**, poultry, ferrets, pigeons; special prices on young stock. Catalogue 3 cents. Missouri Squab Co., St. Louis.

**NEW extracted honey** 40 pounds \$5.25, 120 pounds \$10.00. Broken comb, 58 pounds \$6.25, 116 \$12.00. Bert W. Hopper, Rocky Ford, Colo.

**580 A. stock and grain farm, well watered, fair improvements, owner old \$10,000 left on place if desired, \$60 per a. R. F. McCune, Princeton, Kan., R. F. D. No. 1.**

**FOR SALE OR TRADE**—One International 45 horse opposed cylinder gas engine and one P. & O. ten bottom plow with stubble and breaker bottoms and one Aultman Taylor 36-56 separator with all attachments. All of this machinery is in first class shape. Price \$3,000. O. D. Hutts, Monument, Kan.

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### FOR EXCHANGE.

A \$225 EDISON moving picture machine for a span of horses. Geo. D. Butts, Topeka.

### Curing Broomcorn Properly

BY CHARLES MOLTER.

[Written for Farmers Mail and Breeze.]  
Mr. Editor—Broomcorn is usually ready for harvest from about August 10 until cold weather, depending on time of planting. To get a good green quality of brush it should be pulled just after it is in full bloom, before the seed has matured. A field of the Dwarf variety should be pulled over several times.

When one cannot afford sheds to cure the brush properly it should be placed in bunches, a small armful in a place between stalks. Another good way is to break down some stalks and pile the brush up on these stalks out of the dirt. After lying two or three days the brush should be piled in shocks and in about a week taken to the place of seeding and ricked.

Farmers in western Kansas lose thousands of dollars annually by not shed-

### LANDS.

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

**FOR SALE**—S. E. 1/4 sec. 5, T. 6, R. 34, Thomas Co., Kan. Address L. R. Brush, Cimarron, N. M.

**ARKANSAS FARMS**—Large list choice land; well located. Very low prices. Write Ross-Moore, Searcy, Ark.

**CHEAP IRRIGATED LAND**—120 and 280 a. tracts. Everybody send names of buyers, pay you com. Box 222, Lake Arthur, N. M.

**COME to the Solomon valley** where "corn is king." Special bargain improved 160 acre farm. J. H. King, Cawker City, Kan.

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

**FOR SALE**—8 a. fruit and chicken farm, quarter mile from city limits, in city school district. Address J. G. Frill, Sliam Springs, Ark.

**FOR SALE**—160 acres bottom land, highly improved, in Oklahoma, at bargain. For description, address J. F. Trice, Hastings, Okla.

**320 ACRES, 200 plow land, finely improved, 12 miles north of Lawrence, Kan., \$47.50 per acre, \$8,000 will handle. F. S. Dolph, owner, McLouth, Kan.**

**WILL SELL** all or part of choice 480 a. south part Gray Co., near new railroad. Improved. Terms. Address owner, Harper Fulton, Route 5, Ft. Scott, Kan.

**LAND** wanted for cash and mdse. Quick deals. Owners do business together when you deal with me. Send complete des. and price. Fred Wolf, Abilene, Kan.

**SECURE cash** for your property, no matter where located. Write for particulars giving full description. National Property Salesman Co., Box 1, Omaha, Neb.

**DO NOT buy that farm** in southeast Nebraska or anywhere else before you write or see the great land expert: John Schowalter, Cook, Neb.

**40 ACRE poultry farm** for sale 5 miles of good market, near church and school in Saline Co. Land lays well and nicely improved. Some poultry go with place. Price \$2,500; one-half cash will handle it. Add. Owner, care Mall and Breeze.

**FOR SALE**—10,500 acres rich black lands, miles of sea frontage, good harbor, an ideal summer resort, north of Vancouver, B. C. only \$15.00 per acre now. British Columbia and California lands, in tracts, fertile and low priced. J. G. Flitz Gerald, 1203 Berendo St., Los Angeles, Calif.

**INVEST** in fruit land in great and fertile Arkansas Valley, Colorado, 20 miles east of Pueblo. Tracts 10 acres and up. Railway facilities. Light power and telephone at door. Good terms. Don't fail to investigate. Come and see or write owner, H. F. Sutton, Pueblo, Colorado.

**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, Ore.

### FARM WANTED.

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

### WANTED.

**E. R. BOYNTON HAY CO.,** Kansas City, Mo. Receivers and shippers. Try us.

**WANTED**—Reliable party to erect elevator in town of 1,200 having only one elevator. Immense corn crop to put on market this fall. For further information address Mayor of Coweta, Okla. Wagoner Co.

### FARMS FOR SALE.

**WELL LOCATED,** well improved 160, Jefferson Co., Kansas, \$55.00 per acre. At least \$10 per acre below cash value. Owner, 1601 Folk St., Topeka.

**FOR SALE** at a bargain, on easy terms—My 240 acre farm located about 5 miles from Weir City, Cherokee county, Kansas. All good, productive land, with good improvements. For price and terms, address Box 81, Independence, Iowa.

**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.

### DOGS.

**BULL PUPS**—Also choice coach pups. D. H. Bibens, Garfield, Kan.

**SCOTCH COLLIE** puppies. Western Home Kennels, St. John, Kan.

**THOROUGHbred Scotch collie** pups for sale. W. H. Smea, Zurich, Kan.

**PEDIGREED collie** puppies. Males \$6.00. Females \$4.00. S. C. Gardner, La Harpe, Kan.

**FOR SALE**—Collie pups, eligible to registry; from fine stock. Beiden Bros., Hartland, Kan.

**FOR SALE**—Four good trail hound pups, from old stock and good stayers, ready for fall use. Box 146, Council Grove, Kan.

**FOR SALE**—Scotch collie puppies, eligible to registration. Males fifteen (\$15), females ten (\$10). Write Louis E. Riesen, Beatrice, Neb.

### MALE HELP WANTED.

**GOVERNMENT farmers** wanted. \$60 monthly. Examination Oct. 16. Many needed. Write Ozment, 38F, St. Louis.

**GOVERNMENT** wants help. Write for list of positions open. Franklin Institute, Dept. E 55, Rochester, N. Y.

**WANTED**—Immediately, men and women for government positions. Fall examinations everywhere. Prepare now. Trial examination free. Write Ozment, 38, St. Louis.

**WANTED**—Thirty young men to learn Telegraphy and accept position in station service on the Union Pacific Railroad. Address R. H. Pentz, Supervisor, Kansas City, Mo.

**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.

**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 Mall and Breeze.

**FREE ILLUSTRATED BOOK** tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A 68. No obligation. Earl Hopkins, Washington, D. C.

**WANTED:** men and women; for government positions. \$80.00 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. E 55, Rochester, N. Y.

**LOCAL REPRESENTATIVE WANTED.** Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L 157 Marden Building, Washington, D. C.

### FEMALE HELP WANTED.

**MEN AND WOMEN** wanted for government jobs, \$80.00 month. Write for list of positions open. Franklin Institute, Dept. E 55, Rochester, N. Y.

**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 \$6 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.

### AGENTS WANTED.

**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.

**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.

### SALESMEN WANTED.

**SALESMAN** wishing to earn three to five dollars per day, write for terms. First National Nurseries, Rochester, N. Y.

**SALESMEN**—To sell high grade guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyer the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plans. F. M. Hitchcock Hill Co., Chicago.

### PATENTS.

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

**PATENTS THAT PAY.** \$492,530 made by clients. 2 books—"What and How to Invent—Proof of Fortunes in Patents" and 112-p. Guide free! E. E. Vrooman, Pat. Atty., 885 F St., Wash., D. C.

### MISCELLANEOUS.

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

**FOR SALE**—N. 2 Keystone traction well drill. Price right. Also 3-year-old bull dog, \$5.00. Grant Ewing, Blue Rapids, Kan.

**COOPER AND HOPPER,** honey producers. Extract honey in 60 pound cans two in a case \$10.00. Cooper & Hopper, La Junta, Colo.

**WE DO ALL KINDS** of auto repairing. Cylinders and crank cases welded, radiators repaired. Dealers in second hand cars. Standard Supply & Mfg. Co., Hutchinson, Kan.

**NO COMMISSION**—Sell or trade your farm, city property or business quick and without paying commission. I can save you time and money. Inclose stamp. W. C. Schiede, Sliam Springs, Ark.

**FOR SALE**—My half interest in a good paying feed and grist mill, located in a county seat; one of the best in the state. Call or write Albert Anderson, 310 Topeka St., Larned, Kan., opposite Santa Fe depot.

**IF YOU WANT** to send a Kansas paper to your friends, subscribe for the Kansas Weekly Capital—a whole year for only 25 cents. All the Kansas and Topeka news of the Daily Capital rolled down. The best weekly newspaper in the U. S. for the money. Address Kansas Weekly Capital, Dept. 14, Topeka, Kan.

**BUSINESS CHANCE** open for middle aged man with good reputation and ability. Would require an investment of \$10,000 to \$15,000, which would take half interest in established real estate and loan business in one of the best towns in Kansas. This money would not be invested in blue sky but would take a one-half interest in approximately \$25,000 in good salable real estate in the town and county. I need a good man as partner. business will pay not less than \$2,500 a year each. Address O. H. McQuary, Jr., Lawrence, Kan.

ding broomcorn properly and by not paying close attention to the kind of seed planted. Broomcorn is, and will be for years to come, the quick money crop of the Southwest. Liberal, Kan.

### Topeka Then Hutchinson Fair

Hutchinson's big fair comes this year September 14 to 21, following immediately after the fair at Topeka. Purses for speed and premiums on exhibits total up \$40,000. One item in the premium list that will be of especial interest to farm boys is the Capper Boys' Baby Beef Club special. Three prizes will be awarded in the yearling fat steer class on animals exhibited by boys or young men under 21 years of age. This prize money aggregates \$30 and will be divided in the proportion of \$15, \$10, and \$5, for first, second, and third places, respectively. But this is not all the prize money to be won in this class. There are six other prizes ranging from

\$25 for first to \$5 for sixth, so that if some boy has a calf good enough to win first place in the class he will pull down \$40 at one clip. If his steer is good enough to take the grand championship in the fat steer show he will be entitled to an additional \$15, making it possible to win \$55 on one animal.

Secretary A. L. Sponsler will be glad to furnish information of any sort in regard to exhibits, entries, or any other detail concerning the fair. Ask him for a premium list.

### Oklahoma State Fair Features

Secretary I. S. Mahan writes that the magnitude of the Oklahoma State Fair and Exposition, which opens September 24 and closes October 5, is realized completely by few. Premiums aggregating \$50,758 in cash are offered this year and the amusement program will be the most expensive in the history of the fair. The livestock show has come to

be one of the most valuable exhibits. Indications are that 1/2 million dollars will not cover the value of the fine horses and cattle, sheep and swine to be shown this year. The machinery exhibit will take up 40 acres of ground and one immense building.

It is the plan of the managers this year to make every day a "big day." As the grounds of the Oklahoma State Fair and Exposition comprise 160 acres, there is not the danger of overcrowding.

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.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

# 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.
- H. W. Graham, Iowa and Illinois, Chillicothe, Mo.
- E. R. Dorsey, Girard, Kan.

**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.

**Percheron Horses.**

- Sept. 3—D. M. Barker, Sterling, Kan.
- Oct. 25—T. H. Well, Blairstown, Ia.
- Dec. 17—Lee Brothers, Harveyville, Kans., at Manhattan, Kans.

**Poland China Hogs.**

- Sept. 3—S. P. Chiles, Jefferson, Kan.
- Sept. 10—A. B. Campbell, Geary, Okla.
- Sept. 26—J. H. Brown, Okaloosa, Kan.
- Oct. 8—J. D. Spangler, Sharon, Kan.
- Oct. 8—T. J. Meisner, Sabetha, Kan.
- Oct. 9—Herman Groninger & Sons, Bendena, Kan.
- Oct. 11—Thos. Murphy & Sons, Corbin, Kan.
- Oct. 15—H. C. Graner, Lancaster, Kan.
- Oct. 16—H. B. Walter, Effingham, Kan.
- Oct. 16—Harry Wales, Peculiar, Mo.
- Oct. 17—H. C. Lookabaugh, Watonga, Okla.
- Oct. 18—W. E. Long, Meriden, Kan.
- Oct. 19—Thos. F. Walker & Son, Alexandria, Neb.
- Oct. 19—C. L. Branlic, Hiawatha, Kan.
- Oct. 22—Jno. W. Noll, Winchester, Kan.
- Oct. 24—L. E. Klein, Zeandale, Kan.
- Oct. 24—J. R. Mingle, Anthony, Kan.
- Oct. 25—J. J. Hartman, Elmo, Kan.
- Oct. 26—R. B. Davis, Hiawatha, Kan.
- Nov. 1—Walter Hildwein, Fairview, Kan.
- Nov. 1—J. E. Willis, Prairie View, Kan.
- Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.
- Nov. 2—E. J. Manderscheid, St. John, Kan.
- Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.
- Nov. 9—A. C. Lobough, Washington, Kan.
- Nov. 9—Lomax & Starrett, Leona, Kan.
- Nov. 13—Herman Groninger & Sons, Bendena, Kan.
- Nov. 15—W. M. Watt & Sons, Green City, Mo.
- Dec. 11—H. C. Graner, Lancaster, Kan.
- Jan. 30—C. W. Jones, Solomon, Kan.
- Feb. 5—J. L. Griffiths, Riley, Kan.
- Feb. 6—H. Fesenmeyer, Clarinda, Ia.
- Feb. 15—L. E. Holmes, Bloomington, Neb.
- Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.
- Feb. 18—J. H. Harter, Westmoreland, Kan.
- Feb. 22—C. C. Ingram, Bloomington, Neb.
- Feb. 26—W. E. Epley, Diller, Neb.

**Duroc-Jersey Hogs.**

- Sept. 4—Clasen Bros., Union City, Okla.
- Sept. 4—W. R. Huston, Americus, Kan.
- Oct. 17—Moser & Fitzwater, Goff, Kan.
- Oct. 19—H. B. Miner, Le Rock, Neb.
- Oct. 22—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.
- Oct. 30—W. T. Hutchison, Cleveland, Mo.
- Oct. 31—Phillip Albrecht & Son, Athol, Kan.
- Nov. 12—Lant Bros., Dennis, Kan.
- Nov. 13—Sam'l Drybread, Elk City, Kan.
- Nov. 14—W. W. Otey & Sons, Winfield, Kan.
- Nov. 15—F. P. Sylvester, Hennessey, Okla.
- Jan. 8—Munsell & Iseberg, Herington, Kan.
- Jan. 15—H. B. Miner, Guide Rock, Neb.
- Jan. 16—F. C. Crocker, Filley, Neb.
- Jan. 22—Thompson Bros., Garrison, Kan.
- Jan. 25—Glenn Keeseecker, Washington, Kan.
- Jan. 29—W. E. Monasmit, Formoso, Kan.
- Jan. 31—W. H. Seddon, Persla, Ia.
- Feb. 4—J. O. Hunt, Marysville, Kan.
- Feb. 5—Samuelson Bros., Cleburne, Kan.
- Feb. 6—Samuelson Bros., Blaine, Kan.
- Feb. 7—A. T. Cross, Guide Rock, Neb.
- Feb. 8—Geo. E. Garrett, Bloomington, Neb.
- Feb. 11—H. H. Shaw, Hebron, Neb.
- Feb. 20—Geo. W. Schwab, Clay Center, Neb.
- Feb. 21—W. C. Whitney, Agla, Kan.
- Feb. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

**O. I. C. Swine.**

- Feb. 6—H. L. Bode, Friend, Neb.
- Feb. 7—Chas. H. Murray, Friend, Neb.

**Hampshire Hogs.**

- Nov. 14—D. H. De Kalb, De Kalb, Ia.

**Shorthorns.**

- Sept. 3—D. M. Barker, Sterling, Kan.
- Oct. 11—Thos. Murphy & Sons, Corbin, Kan.
- Oct. 16—H. C. Lookabaugh, Watonga, Okla.
- Nov. 15—W. M. Watt & Sons, Green City, Mo.

**Aberdeen Angus.**

- Oct. 23—W. F. Eckles, Green City, Mo.

**Holstein Cattle.**

- Sept. 18—S. E. Ross, Creston, Ia.

**The Big Fairs and Shows**

- Iowa State Fair, Des Moines, Aug. 26.
- Nebraska State Fair, Lincoln, Sept. 2.
- Kansas State Fair, Topeka, Sept. 9.
- Kansas State Fair, Hutchinson, Sept. 16.
- Interstate Fair, Sioux City, Ia., Sept. 16.
- Oklahoma State Fair, Okla. City, Sept. 23.
- Missouri State Fair, Sedalia, Sept. 30.
- American Royal, Kansas City, Oct. 7.
- Muskogee Fair, Muskogee, Okla., Oct. 7.

**Kansas and Oklahoma.**

BY A. B. HUNTER.

**Last Call Barber's Percheron Sale.**

Here is a good place to buy high class Percherons at less than their real value. Mr. D. M. Barber, Sterling, Kan., will sell, September 3, seven head, three stallions and four mares of breeding age. Since this is rather an off time for a purebred horse sale and only a small sale, buyers very likely will not turn out in force. Hence this will be the proper place to buy bargains. These horses are strong in the blood of the famous Casino. They are all registered in the Percheron Society of America and nearly all are state fair prize winners. If you are looking for a Percheron herd header, the good son of Casino in this sale may be just what you are looking for. The mares are all of breeding age and have plenty of size. Some are real show animals. Attend this sale for high class Percherons or Shorthorn cattle.

**Barber's Horse Sale.**

Remember that this sale will be held under cover right at the edge of town, Sterling, Kansas, Tuesday, September 3. While this is only a small sale of Percheron stallions and mares they are richly bred and practically all are state fair prize winners. They will likely sell below their value and just because they are only a few and selling too early is no reason why you cannot be present and take advantage of the bargains. This is to be a closing out sale and will also include a number of Shorthorn cattle. Be at Sterling, Kans., Sept. 3 for bargains.

**Harry Hoak's Poland Chinas.**

Harry Hoak, Attica, Kan., is trying out a new plan to raise hogs by the method of swilling them on alfalfa tea. Mr. Hoak finds this plan better than using the hay or even pasture. The herd sows from which he is raising a fine crop of spring pigs are by such sires as Big Hadley, Blain's Wonder, Long John, A Wonder, Mammoth Ex. and Progression. Mr. Hoak has a nice lot of fall yearlings by these large type sows that are to be bred and will be priced for quick sale. They are not burnt out with corn but are large roomy gilts and are grown on alfalfa tea almost entirely. They are the farmer's type—the pork barrel kind. Write him for particulars regarding these alfalfa tea fed gilts.

**Last Call to Huston's Duroc Sale.**

Remember W. R. Huston, Americus, Kan., sells Wednesday, September 4. He is putting in this sale as attractions to breeders several of his best herd sows. They are good enough for any herd. When you read the display ad of this offering you will note the variety of winning blood lines. This sale will be a good place to supply your herd not only with a good bred sow or gilt but with new blood lines as well. A goodly number are bred to Golden Model 3d, a line bred Golden Model. He came from a long line of winning ancestors on both sides and his get from many of the sows and gilts in this sale should bring the kind that win the blue. Don't overlook this sale but arrange to attend.

**Sows and Gilts Bred For Early Farrow.**

If you write Marshall Bros., Burden, Kan., they will be glad to describe to you the blood lines and individuality of their Duroc bred sows and gilts which they are advertising at private treaty in this issue of Farmers Mail and Breeze. The writer has known this herd for several years and if you want one or a dozen head of handsome growthy gilts ready to farrow early this fall you should not delay but write or call early. They are pricing them right. They are the big roomy, broody kind. If you cannot take time to visit this herd and make your own selection just write describing your wants. If you really want good Duroc bred gilts you will find these right both in size, quality and price.

**Last Call to Huston's Sale.**

W. R. Huston, Americus, Kan., will sell September 4 a draft of Duroc-Jersey bred sows and gilts together with both fall and spring boars that will afford a splendid opportunity to both farmers and breeders to purchase the best of Duroc breeding stock. This offering includes a number of Mr. Huston's attractive herd sows that go in this sale only for the reason that Mr. Huston is determined to show his brother breeders an offering they will be glad to buy and he will be proud to sell. This offering is closely related to some of great prize winners of the breed. It will pay those wishing good Durocs to attend this sale. Parties from a distance will be met both at Bushong, on the Mo. Pacific and from Americus on the M. K. & T.

**Last Call to Barber's Percheron Sale.**

Here is a good place to buy high class Percherons at less than their real value. Mr. D. M. Barber, Sterling, Kan., will sell seven head, three stallions and four mares of breeding age. Since this is rather an "off time" for a pure-bred horse sale and only a small sale, buyers will very likely not turn out in force, hence this will be the proper place to buy your bargains. If you read display ad in this issue you will note they are strong in the blood of the famous Casino. They are all registered in the Percheron Society of America and nearly all are state fair prize winners. If you are looking for a Percheron herd header the good son of Casino in this sale may be just what you have been looking for. The mares are all of breeding age and have plenty of size. Some are real show animals. Read display ad on another page and send today for catalog, mentioning Farmers Mail and Breeze.

**Olivier's Poland Chinas.**

The writer recently looked over the Poland China herds owned by Francis Olivier & Sons, Danville, Kan. The senior member

of this firm, Francis Olivier, has been a breeder of purebred swine for nearly 40 years and is well informed on the proper methods of producing good hogs. The sons each have excellent herds. The blood lines of these herds include both the large and other types but at all times the Oliviers see to it that size and quality are both considered. They have a number of herd boars whose pigs would do credit to a state fair champion. Among these is Cleveland Gem, a wonderful breeding son of Gem's Spell, by Spellbinder, Blue Valley Hutch by Blue Valley Quality 43026 is a massive young sire that shows pigs many of them of size and show yard quality. They have a fine lot of spring boars and gilts ready to offer soon. They will also make attractive prices on bred sows and gilts. The writer wishes to assure anyone who buys breeding stock by mail order of Olivier & Sons that they will always find every animal exactly as described. In writing please mention this paper.

**The Hutchinson State Fair.**

The annual meeting of the old and young represents every business of this Golden West. Mrs. Margaret Hill McCarter wrote a most readable volume to portray the "Price of the Prairie." If there ever was a year when it seemed the price was reasonable it is this year of our Lord 1912. As some of our Kansas paragaphers have so often said, "Winter lingered in the lap of spring." But as it turns out it was to a good purpose as the weather god has favored the state this year with intermittent sunshine and rain attended with the very best results. Were we living in a more ancient day, we would be paying tribute to Jupiter, Plutus, Ceres and all the gods and goddesses that have conspired to make this such a prolific year. Kansas today is a veritable cornucopia. The Kansas State Fair, at Hutchinson, will be the exhibition ground of all these good things produced during this bountiful summer. There never were such prospects for a great gathering of people at a great state fair anywhere as out here in Kansas during the week of September 16. The people have money, after a hard summer's work, to spend in a week of education and entertainment. They have been busy and well deserve the week of pleasure in store for them in the near future. The railroad companies are placing at their disposal not only extra equipment on the regular trains but special trains, nearly every one of which will carry a cornet band to add pleasure to the trip and joy to the occasion. The barns and pens will be occupied by representatives of the various breeds of livestock, bred in the pure, groomed to a finish and bedecked with roses and ribbons. The summer has been conducive to the training of horses and they will be here in all their glory and they will be here in all their glory and they will be here in all their glory. The people may occupy the best grandstand ever built in Kansas to watch the turf events and participate in an entertainment that will excite their admiration for the horse useful and the horse beautiful. Free attractions are provided to occupy time between heats of the races as well as free orchestra bands. There will be something doing all the time. The darling horsemanship exhibited in the riding by the cowboys of the Wyoming plains will be

in contrast with that of the most expert rider of the most beautiful and well trained saddle horse. It would require columns to try to tell all the features of the great state fair at Hutchinson, but it is known that the session of 1912 will be as previous sessions have been—more successful than any previous fair and the people will feel that there is more to see than they had expected. It might be well, therefore, for more people than usual to provide themselves with over-night accommodations. Hutchinson's commercial club keeps open house all day and all night with a corps of clerks to assign people to rooms and show them the way. We advise our readers to write for any kind of information to Secretary A. L. Sponsler, who has nothing else to do except answer inquiries which will tend to the comfort, benefit and edification of the people out in the heart of agricultural Kansas—the garden of the great Southwest.

**Kansas and Nebraska.**

BY J. W. JOHNSON

O. M. Wright, Vesper, Kan., breeds Hereford cattle. His herd bull, Paragon 21st, is a full brother to Paragon 12th, the senior champion all over the country last season. Mr. and Mrs. Wright are kindly, hospitable people and the best of entertainers. A visit to their home is always pleasant and enjoyable. They own a fine farm in Lincoln county north of Sylvan Grove.

F. L. Brown, Sylvan Grove, Kan., is another breeder of Hereford cattle in the north part of Lincoln county that has a fine herd. Castor, the great show and breeding bull that heads his herd is known far and wide because of his winnings at the international and the big state fairs. Mr. Brown was not at home the day we called to visit him but we will probably have more to say about this great herd later on.

R. A. Lough & Bro., Osborne, Kan., have over 400 head of registered Shropshire sheep. A good number of the old ewes are imported having been bought from a big importer in Iowa. They have for sale and are advertising in Farmers Mail and Breeze, commencing this week, 65 head of bucks that are one, two or three years old and all of them of an imported buck. They are of good size and shrop type and as strong an offering as can be found in the west. Mr. R. A. Lough owns a fine ranch adjoining Osborne of 840 acres and is an entertaining gentleman to talk to. If you are interested in these bucks you better write him at once for prices and descriptions.

"Quivera Place" Duroc-Jerseys are richly bred and come from the best and most up-to-date families in the country. Munsell & Iseberg are business men with the enterprise to make a big success of the very thing they are undertaking to do, which is to build up one of the strongest herds of Duroc-Jerseys in the country. They will have some good useful boars of spring farrow for sale next month and they are reserving all their best gilts for their bred sow sale January 8. If you need a boar write to this firm and let them price you one. Address Mun-

# KANSAS STATE FAIR TOPEKA

SEPTEMBER 9-13. 5-DAYS--5

\$50,000 in Premiums and Speed

Competition Open to the World

FOUR GREAT BAND CONCERTS EACH DAY—FIFTY PEOPLE

Day Light Fireworks Monday.  
Stock Judging and Lecturing by  
Men of National Reputation Each  
Day.

Acres of Red Machinery.  
Full Race Program Each After-  
noon.  
Great Free Attractions.

NIGHT ENTERTAINMENTS IN FRONT OF GRANDSTAND

## CHEYENNE FRONTIER DAYS

Pain's Spectacular Pioneer Days With  
Wonderful Fire Works. Realistic Re-  
production of Wild West Life

SPECIAL TRAIN SERVICE ON ALL RAILROADS

T. A. BORMAN, Pres.; For Information address H. L. COOK, Sec'y.

sell & Isenbergs, Herington, Kan., and be sure to mention Farmers Mail and Breeze when you write.

Under date of August 19, J. Lee Dunn, Russell, Kan., writes as follows: "We have had worlds of rain and it looks as if we would get more before morning. My corn (150 acres) stands from 8 to 14 feet high with one or two good developed ears on every stalk. I also have 40 acres of listed Kafir which is about 5 feet tall and all headed. It ought to make 35 bushels to the acre." Crop conditions all over northwest-ern Kansas are the best in years. J. Lee Dunn is a farmer and breeder with a fine farm on the Saline river bottom in Russell county. His herd of registered Duroc-Jerseys that is advertised in Farmers Mail and Breeze the year round is one of the best we know of anywhere. The herd is well bred and is handled in an up-to-date manner that insures the best of individuals for the purchaser. If you need a good boar of spring farrow or a few gilts priced right you better write to J. Lee Dunn, Russell, Kan.

#### Will Myers Making Good.

Will Myers, Beloit, Kan., is a livestock auctioneer that is gaining ground in his chosen profession very fast. He is a graduate of the Missouri auction school and last year was his first in the business and he landed 50 sales which is doing pretty work for the first year. Mitchell county is a well known purebred stock center and there was last season that Will Myers was not employed on. He is a hustler and owns a good farm near Beloit, which he farms. He is a member of the Mitchell county breeders' association and a stock holder in the fair association and booster for both institutions. If you employ Will Myers you can depend on his best efforts from start to finish. He is absolutely reliable and trustworthy and one of the most popular young men in Mitchell county. Give him a try and be convinced of his worth as an auctioneer. Address, Will Myers, Beloit, Kan.

#### Bancroft's Duroc-Jerseys.

A letter received this week from D. O. Bancroft, Osborne, Kan., says they have had seven inches of rain there from the 13th to the 16th. He says that there is no question about the bumper corn crop in that part of Kansas this season. North Central Kansas will produce this year the biggest crop of corn in her history. The same is true of alfalfa and very likely of wheat. It is going to make prices of stock of all kinds high. Mr. Bancroft has a fine lot of spring pigs and is one of the breeders of Duroc-Jerseys who always has something good to offer. He is offering for sale his herd boar, G. F.'s Climax by Mo. Goldfinch. He is four years old and Mr. Bancroft can't use him longer in his herd because of having so much of his get. He is a good sire and could be a bought worth the money. He would be a good buy for someone who is going to make a bred sow sale this winter. Write him at once about this boar. Also about his spring boars and gilts.

#### F. W. Comfort's New Location.

Mail and Breeze readers will remember that in advertising F. W. Comfort's big Jersey cattle sale at Westmoreland, Kan., we told you that Mr. Comfort was removing to Mitchell county where he had bought a farm near Cawker City which is the third town west of Beloit. Mr. Comfort bought a farm only about two miles from town and is continuing the breeding of Poland China hogs and Jersey cattle. He has claimed November 27 as the date of his boar and open gilt sale. His herd is rich in the blood of Captain Hutch and Mogul's March. Many of his herd sows are selections from the J. H. Harter herd at Westmoreland, Kan., which is one of the most desirable popular herds in the country. Mr. Comfort has permanently located in Mitchell county and will be identified with the purebred stock interests of that county, which is already recognized as one of the purebred stock centers of the Middle West. The writer was born seven miles from Westmoreland where Mr. Comfort was born and is pleased to know that he is to be a resident of Mitchell county.

#### Griffiths's Winter Sale.

J. L. Griffiths, Riley, Kan., is a breeder of Poland Chinas at that place visited recently. J. L. Griffiths attracted attention to his herd last season by making the big average on bred sows last February of \$41.50 on 39 head and all of them spring gilts but three. He is claiming February 5 again this year as the date of his bred sow sale and will put in about the same number but 20 of the offering will be as even, well grown and in a long time. They are sired by Big Bone Pete, by Big Bone 2d. He has a nice lot of spring boars and gilts sired by this boar and John Osborne, by Big Osborne. His string of herd sows are as good as will be found in any herd in the state and a few of them would prove attractions in the big shows this season if they were in show condition. They have been bought at long prices and from leading herds all over the country. Mr. Griffiths showed us 15 spring boars that are classed for sale at private treaty that are classy and have size and breeding. They will be priced right to move them early. John Griffiths is a wide awake young farmer

#### Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Your paper has brought me a lot of inquiries and has been a good investment for me. H. FESSEMEYER, Breeder of Mastodon Poland Chinas, Clarinda, Iowa, August 10, 1912.

Farmers Mail and Breeze, Topeka, Kan. I have advertised in lots of so called farm papers without any success whatever and with three times as much cost as your ads. I am not given to compliments unless they are deserved and I think your paper deserves the highest praise. C. C. FURE, Real Estate and Loans, Fayette, Mo., August 12, 1912.

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

and breeder that is making friends for himself and his fine herd of Poland. He owns a good half section of land two miles out from Riley and is up to date in everything. He is a son-in-law of A. J. Sewing's of Leonardville, Kan., who is known all over northern Kansas as a breeder of Poland Chinas. Mr. Griffiths's bred sow sale will be advertised in Farmers Mail and Breeze in due time and you should plan to attend it.

#### Missouri Auction School Graduates.

R. H. Dengale, Lucas, Kan., is another graduate of the Missouri Auction School whose card starts in this issue of Farmers Mail and Breeze. We met Mr. Dengale recently at O. M. Wright's farm near Sylvan Grove. Mr. Dengale impressed us favorably as a young man with the right spirit and ability to make a big success of the auction business. He desires to get better acquainted with the purebred stockmen over the country and with the big farmers and stockmen near Lucas. His ambition to be a thorough business auctioneer is a worthy one. His training at the Missouri Auction School will prove valuable to him in making a success of the business. The writer knows a number of young auctioneers that are making a big success of this worthy institution. W. C. Curphey, Salina, Kan., is one of the busy and successful auctioneers of central Kansas and Will Myers of Beloit is another with 50 sales to his credit last season which was his first year on the block. Mr. Dengale has arranged to have his address appear every week in Farmers Mail and Breeze. It will appear in the auctioneer column.

#### Beachler's Duroc-Jerseys.

R. C. Beachler, Mahaska, Kan., is a breeder of Duroc-Jerseys at that place that will hold a boar and gilt sale October 30. He is not going to hold a bred sow sale but will put up at auction his best boars and gilts of spring farrow. We visited his herd last Friday morning and found it one of the real good herds that we have visited this summer. He has about 75 spring pigs. They are of good size, stretchy and with neat heads and ears and are really a showy lot of youngsters in their every day clothes and not as fat as they should be. They stretch but with lots of bone and stretch that will develop into big, strong, husky boars and gilts that will look mighty good by sale day. The herd boar at the head of this herd is Tat's Chief by old Tatarax and he is a great breeder as you will have to admit when you see his get of the last year. The string of herd sows are mostly by Royal Advancer, Beachler's nice farm near Mahaska and is a wide awake young man that is making good as a farmer and breeder. His herd is rich in blood lines of prominent sires and dams and is in a condition that dictates Mr. Beachler's painstaking methods in caring for it. Nothing is loaded with fat but everything in good order and breeding condition. The sale will be held in town and will be advertised in Farmers Mail and Breeze in good time. Mahaska is two stations north of Belleville on the Rock Island and is in Washington county.

#### Pilcher Offers Boars.

One of the best known herds of Poland Chinas in central Kansas is C. H. Pilcher's herd at Glasco, Kan. Mr. Pilcher is easily the most successful exhibitor at leading fairs in that section of the country and has shown almost every year. He has owned some of the most noted and popular herd boars of that section of the country and has never been afraid to let his high quality bloodlines. Glasco Chief, now dead, was one of the most popular Poland China herd boars of north central Kansas at least and sired some noted hogs. Conqueror, sired by him, is still at the head of Mr. Pilcher's herd. He has been shown ever since he was 6 months old. He has always shown away easily with first until last season at Concordia, he went up against a son of Concordia that was fresh from the Illinois State Fair, but he got second anyway. One other time at Topeka he was placed second in such hot competition that it was a big honor to win even second. He would weigh 1,000 pounds easily. He will be seen again as usual at the fairs. About all of the spring pigs are by him and as Mr. Pilcher will not hold a fall sale he will price a few choice boars by him very reasonably. Charley Pilcher's herd of Poland Chinas is one of the strongest herds in the West. He is a careful, painstaking breeder that knows his business and is on the job all the time. He has the goods and will use you right if you give him an order for a boar.

#### Kansas, Missouri and Iowa.

BY C. H. WALKER.

#### Melsner's Fall Sale of Poland.

T. J. Melsner of Sabetha, Kan., who is one of the state's leading Poland China breeders, informs us that his fall sale offering is coming along in good shape and that on October 8, he will offer the public a choice collection of breeding boars and gilts. Always a buyer of the very best offered in other sales, Mr. Melsner sets his standard just as high in his own offerings. He knows what a good hog is and is careful to offer nothing that does not measure up to his standard. We urge breeders in the market for good stock to keep this sale and this herd in mind.

#### Dean's Mastodon Poland Chinas.

Poland China breeders who are in the market for boars or sows that will add size and quality can do no better than to get in touch with Clarence Dean of Weston, Mo. For Poland Chinas of extreme size and at the same time Poland Chinas that have quality, Mr. Dean's Mastodon herd is hard to beat. The three boars in service in his herd represent the very cream of the big ones and probably no place out of Iowa is there a herd that boasts of three boars of such breeding and a sow herd that contains so many sows of the same line of breeding that does this herd. Mastodon Price is by the great A Wonder out of Long Price 2d. This is the senior boar in service and has proven a great sire. He gets them big and smooth and is one of the most prolific breeders in the business. Columbia Wonder is by Columbia Chief 2d, the boar that was a running mate in the Wheeler herd to A Wonder. His dam is Miss Wonder 3d. The third boar is Gritter's Longfellow 3d and he

#### THE TWELFTH ANNUAL

## State Fair of Kansas

Hutchinson, Sept. 14-21, '12  
\$42,000.00 in Premiums

The Fair Built by the People—For the People  
In the Heart of Agricultural Kansas

The most complete Agricultural, Live Stock and Industrial Exposition  
in the Great Southwest

The Only Fair in the State Authorized by Law to Issue Premiums in the Name of Kansas  
Competition in all Seventeen General Departments Open to the World

7 Great Races 7  
DAILY  
Wortham & Allen's  
Carnival  
The best in America  
for 1912

The Fair is Devoted to  
the Good and Growth of  
Kansas and the Great  
Southwest  
All Railroads Operate Extra  
Equipment and Extra Trains

Irwin Bros.  
Wild West  
The Real Thing  
More  
Free Attractions  
Than Ever Before

New Santa Fe Railroad Switch to Grounds  
Used by all Railroads Entering Hutchinson

Outdoor Space in Machinery Department Free

Send for Catalogue

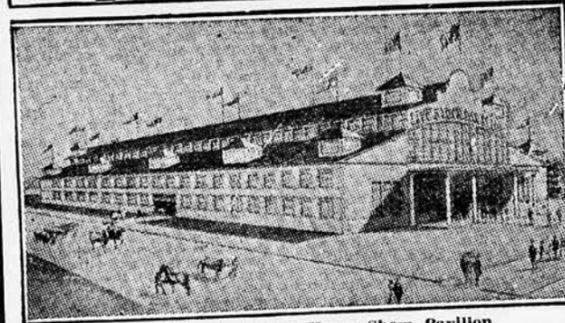
H. S. Thompson, Pres.

A. L. Sponsler, Sec.

## OKLAHOMA STATE FAIR AND EXPOSITION

OKLAHOMA CITY, OKLA.

September 24—October 5



Mammoth Livestock and Horse Show Pavilion.

\$50,758.00  
In Cash  
Premiums  
and  
Purses

Cattle, \$6,612.  
Horses, \$5,912.  
Horse Show, \$3,020.  
Sheep, \$1,261.  
Swine, \$2,440.  
Poultry, \$2,238.

ENTRIES AND SPACE RESERVATIONS  
SHOULD BE MADE EARLY

If you are not among the thousands who have already reserved space and made entries for the 1912 Oklahoma State Fair and Exposition, it is your duty to get busy today. It's a wonderful opportunity to sell your livestock to half a million people.

Elegant illustrated Premium List mailed to all requests. Entries close for Livestock on September 23, 1912.

L. S. Mahan, Secretary, Oklahoma City, Okla.

is one of the most promising yearlings in the business. Taken all the way through it would be hard to find three boars in one herd that measure up to the standard that these three boars attain. The sow herd contains such matrons as Mollie G. a half sister to A Wonder, being out of the same sow; Lady Wonder and Lady Wonder 3d, litter mates to Columbia Wonder out of Miss Wonder 3d; Lady Mastodon 65th, Miss Mastodon 2d and Lady Mastodon 66th, Miss Mastodon 2d and others too numerous to mention. Lady Mastodon 66th and her daughters and granddaughters. Mr. Dean says are the most prolific family he has ever known. Other sows in the herd that have records as producers are Miss Mastodon 2d. She farrowed and raised 24 pigs last year, 14 in her spring litter and ten in the fall litter. One gilt out of the 14 litter farrowed 11 pigs, which goes to show that this quality breeds on. Maud Mastodon raised 20 pigs last year. And so it is all the way down the line of this herd. It is worth a whole lot to a prospective purchaser to buy from a herd that has a producing record such as this one has. On top of that the whole herd is vaccinated and all the stock that is sold is backed with an ironclad guarantee. Mr. Dean's guarantee, by the way, is one of the attractive propositions when it comes to buying. We

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

L. R. BRADY LIVESTOCK AUCTIONEER Manhattan, Kan. Write or wire for dates.

SAM W. KIDD, Live Stock Auctioneer Kansas City, Mo. My price cut in two. Any sale \$25.

COL. S. B. YOUNG, Osborne, Kan. Livestock Auctioneer. Write for dates.

W. C. Curphey, Salina, Kan. Livestock Auctioneer. Phone for dates

Wm. H. Harper, LIVESTOCK AUCTIONEER. GLASCO, KANSAS. Phone for Dates.

Col. D. F. Perkins, Concordia, Kan. Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

Col. C. W. Smith, Livestock Auctioneer and Prop. of Smith's Sale Pavilion, Fairbury, Neb. Special service to breeders. C. W. SMITH, FAIRBURY, NEB.

Late Burger Live Stock and Real Estate Auctioneer Wellington, Kan.

R. H. DENGATE, Lucas, Kan. LIVESTOCK AUCTIONEER. DATES CLAIMED ARE PROTECTED.

Col. N. S. HOYT, Mankato, Kansas, Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

Chas. E. Reebie, Emporia, Kan. Pure Bred Live Stock and Real Estate Auctioneer. Speaks German. Write or wire for dates.

JOHN D. SNYDER HUTCHINSON, KAN. Auctioneer Pedigreed Live Stock a Specialty.

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

JAS. W. SPARKS Live Stock Auctioneer MARSHALL, MO.

Will Myers, Livestock Auctioneer Beloit, Kansas. Write or phone for dates. I am located right to give good service.

Col. J. R. LOYD, ATHOL, KANSAS. LIVESTOCK AUCTIONEER. Write for terms and dates, and reference.

COL. FRANK REGAN, ESBON, KANSAS. Livestock Auctioneer. Write for open dates.

W. H. Trospen, Auctioneer Livestock and Farm Sales my Specialty. FRANKFORD, KAN. Write for Dates.

COL. RAY PAGE FRIEND, NEB. Livestock Auctioneer. Write for Dates.

FRANK J. ZAUN FINE STOCK AUCTIONEER Independence, Mo. Bell Phone 875 Indp. "GET ZAUN. HE KNOWS HOW."

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

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 Mephistoles 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.

Belgian and Percheron Stallions and Mares Imported and Home-Bred. For Sale at Attractive Prices. Blue Valley Stock Farm Blue Mound, Linn Co., Kan.

urge those in the market for really choice breeding stock to get in touch with him. His postoffice is Weston, Mo., his shipping point New Market and his telephone via Dearborn. Write him today per his advertisement elsewhere in this issue and kindly mention this paper when writing him.

Gildow's Big Poland Herd. Dr. Jno. Gildow & Sons of Jamesport, Mo., will make the fair this fall with the best show herd they have yet taken out. The show herd will be well filled in all classes and will be headed by the last year's grand-champion, Pawnee Chief Hadley. A big proportion of the herd will show the result of the cross of Big Bill Taft on Pawnee Chief Hadley sows. This has proven a wonderfully successful nick and Messrs. Gildow will show stock that will make hot competition. They are offering now 80 head of spring boars and gilts by these two boars and others by such sires as Expansion's Son and some big stretchy spotted pigs by Big King and Brandywine Jr. They also offer two herd boars and 25 head of fall gilts either bred or open. The Gildow herd is one of the best in the west and prospective buyers will consult their own interests by investigating this herd. They extend a cordial invitation to those who attend the Topeka, Hutchinson, Oklahoma City and Royal shows to visit their exhibit and get acquainted.

Groninger & Sons—Poland China Breeders. One of the biggest big type Poland China breeding establishments in the west is owned and operated by Herman Groninger & Sons, Bendena, Kas. To start with Messrs. Groninger have one of the best farms in the state not only in its producing worth, but in its natural qualities as a hog farm, and there has not been a time in the past five or six years at least that has not seen some new improvement installed. This firm has one of the best hog houses in the west and it is probably in use more during the year than any other. The Groningers have been breeding Poland Chinas for over 30 years and in that time they have learned the hog business inside, out and back again. Their herd numbers over 300 head and there isn't a month in the year that some one of the herd sows are not turning out coupons. In this way Messrs. Groninger are able at all times to have stock of salable age and are able to put into their sales boars and gilts and sows that are attractions. A bad season does not handicap them, for they have at all times matured stock and can draw on their large herd for a select offering at most any time. At the present time they have over 50 head of yearling sows in one bunch that would water the mouth of any breeder. This lot would certainly make a great brood sow offering, but the Groningers are going to put a big part of them in their October 9 sale and give breeders the advantage of buying them open. This will be a great opportunity to make selections for winter sales or for choice sows for breeding material. Besides their large crop of spring pigs which numbers around 100 head they have close to that number of summer pigs and about 50 fall and winter boars. Their sow herd is probably the largest in the west. The question naturally arises as to how one or two men can handle such a large proposition. They can't. Mr. Herman Groninger is fortunate again in having six sons and every one of them from John L. down to Wm. H. knows the hog business almost as well as their father. They all take great interest in the herd and most any one of them is capable of handling the business, were it upon his shoulders. John Groninger, the oldest son, has in the past three or four years relieved his father of most of the work of overseeing and he deserves a lot of credit for the high standard he has attained with the herd. It isn't very often that one sees so many boys in a family on the farm and all of them satisfied with their condition. Not in this family. Every boy has a working interest in the farm and herd and Mr. and Mrs. Groninger are the kind of people that make the farm home life attractive. It is a great herd run right by a fine family and we predict even greater success in the years to come. Messrs. Groninger will hold two sales this fall, one on October 9 and one on November 13. To those who never have attended one of Groninger's sales we want to say that you have missed a lot. It is worth the time and trouble to see how they conduct a sale, not counting the big dinner, which would take a page to rightly describe. And the very best part of it is that they produce good hogs, the kind that will find favor with any breeder in the land. Make it a point to attend their next sale.

Kansas and Missouri GEO. W. BERRY.

W. T. Hutchinson's Durocs. Attention is directed to the advertisement of Duroc-Jerseys by W. T. Hutchinson of Cleveland, Mo., who offers at private treaty choice pigs of both sexes, sired by his herd boars, Queen's Wonder and Drexel Pride also a few extra fall boars ready for service. Drexel Pride is well known as the sire of the sow stuff with which Mr. Hutchinson has met with great success. Queen's Wonder is a junior yearling and is being prepared for the fall show. Queen's Wonder is a large, smooth-bored with an excellent head, bone that in size and quality is rarely equalled by a hog of any breed. He is the sire of a good share of the April and later litters, and their quality evidence his great value.

Nash Berkshires. C. G. Nash of Eskridge, Kan., has met with his accustomed success the present season, and has on hand a goodly number of large Berkshires of most all ages. Progressive Duke, a prize winning son of the well known Berrington Duke Jr., has proved himself an excellent sire, and has to his credit a broad backed, short headed, long bodied, stout limbed set of pigs. A fine bunch of sows bred for early fall litters by Buster Black, the champion boar under a year old, last year; Legal Again, a fine headed boar, and Progressive Duke mentioned above, are offered at reasonable prices. The above named boars are all state prize winners, and the sows bred to these boars, with their prospective litters will prove profitable investments. A few extra fall boars are offered at special prices that should move them.

Shorthorns and Shropshires. Attention is directed to the advertisement by Adam H. Andrews of Girard, Kans.,

POLLED DURHAMS. HUDGINS D. S. POLLED DURHAMS. Herd headed by Miami Model 339881, a prize winning son of the great Confessor 334217. I have a choice lot of ready for service bulls for sale—all double standard. Watch for my fall sale. W. T. HUDGINS, MOORESVILLE, MO.

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 Here Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Minn. 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.

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

SHROPSHIRE RAMS Pioneer Breeders and Importers. Established 1858. Registered Yearlings and 2-year-olds from home bred and imported dams. 80 registered 4-year-old ewes, superior quality. farmers' prices. Satisfaction guaranteed. DAN'L LEONARD & SONS, Corning, Iowa.

Herd Established Over 25 Years Evergreen Crest Galloways Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 29205 and Sally's Othello 23606, both sired by Imp. champion bulls, in service. Five top yearling bulls for sale. Inspection of herd invited. J. & W. R. Clelland, New Hampton, Mo.

H. S. DUNCAN, Live Stock Auctioneer, Clearfield, Ia. R. L. HARRIMAN, Live Stock Auctioneer, Buena Vista, Mo. ALSO INSTRUCTORS IN THE MISSOURI AUCTION SCHOOL Largest in the world and only school where students are given actual practice in sale of all kinds of property and have an opportunity to see the largest mule in the world. TERM OPENS Oct. 7 at 14th and Grand Ave., Kansas City. W. B. Carpenter, President, Real Estate and Live Stock Auctioneer

Lamer's Coming From France with Sixty Head of Percheron Stallions—Due to Arrive September 20. C. W. Lamer & Co., Salina, Kansas

SALE OF HOLSTEIN CATTLE CRESTON, IOWA September 18th, 1912 consisting of 20 matured cows bred to freshen this fall and early winter and 9 heifers, all of which old enough will be bred, and 6 HIGH BRED REGISTERED BULLS Many of these cows are heavy producers and some are direct descendants of great producers. The offering will please all wanting good dairy cattle. In addition to the registered stock some high grades will be sold. Write for catalog. Come to sale. S. E. ROSS, H. S. DUNCAN, Auct. GRANT GAINES, Fieldman Creston, Iowa.

OIL - OIL - OIL WHOLESALE PRICE TO CONSUMERS—Combining best quality with low price. NO WATER IN MY KEROSENE OR GASOLINE. XXX 46 gravity water white kerosene.....\$5.50 for 52 gal. bbl. XX 42 gravity kerosene (the kind usually sold).....\$4.50 for 52 gal. bbl. XXX 64 gravity gasoline.....\$7.50 for 52 gal. bbl. 1 case graphite axle grease (2 doz. 3 pound pails).....\$3.50 40 gravity prime white stove distillate.....\$4.00 for 52 gal. bbl. 38 gravity stove distillate.....\$3.75 for 52 gal. bbl. 60 gallon (26 gauge) galvanized steel tank with pump and hood cover complete—a great convenience in every home.....\$3.60 Extra heavy pure crude oil, steamed and settled, (black oil) good lubricant, just the thing for greasing tools.....\$3.50 for 52 gal. bbl. STANNARD'S PROCESSED CRUDE OIL, the best dip made for killing lice and curing mange. One application will do more to kill lice and cure mange than three applications of any other dip made (it destroys the nits).....\$5.00 for 52 gal. bbl. I also carry a full line of lubricating oils. I pay \$1.25 each for all barrels returned to me at refinery in good order, freight prepaid. Send the money with your order. C. A. STANNARD, BOX M, EMPORIA, KAN.

## DAIRY CATTLE.

**HOLSTEINS**—CHOICE BULL CALVES.  
H. B. COWLES, TOPEKA, KANSAS.**Dutch Belted and Holstein**  
male and female calves for sale from exceptionally good milkers. Springdale Stock Ranch, Concordia, Kan.**LINSCOTT JERSEYS**Only registered herd of merit in Kansas. A grand son of Golden Fern's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices.  
R. J. LINSCOTT, HOLTON, KANSAS**Holstein-Friesian Bulls**

For sale—choice young bulls, sired by Pieterje Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. W. C. Jones, Rural 2, Topeka, Kan.

**Jersey Cows and Heifers**We have for sale 30 head of young cows and yearling heifers. Also a few young bulls. See our herd at either the Iowa, Kansas, Nebraska, or Missouri State Fairs.  
SMITH & ROBERTS, BEATRICE, NEBR.**HOLSTEINS**High grade cows and heifers in milk. 8 yearling heifers just being bred. Bulls ready for service, full blood but not registered.  
STA. B, TOPEKA, KAN., IRA ROMIG.**Choice Jersey Bulls**I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Eurybia's Belle. 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.

## SHORTHORNS.

**Milk and Beef Combination.** Hornless Shorthorn Cattle. Oxford Down Sheep. Bourbon Red Turkeys. J. H. WALKER, LATHROP, MO.**JOHNSON'S Shorthorns** 50 HEAD including 6 good young bulls. Also young jacks. Farmers' prices.  
T. F. JOHNSON, GARFIELD, KANSAS**SHORTHORN CATTLE**  
POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable. Thos. B. Murphy & Sons, Corbin, Kas.**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.**SHORTHORNS**

8 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address. L. M. NIFFSINGER, 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. C. Lookabaugh,  
WATONGA, OKLAHOMA

## HEREFORDS.

**MATHEWS' REGISTERED HEREFORDS**  
For sale. 8 long yearling bulls; 30 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood.  
FRED MATHEWS & SONS, Kinsley, Kan.**BLUE GRASS STOCK FARM Herefords**  
Cows, heifers and young bulls for sale. 160 head in herd. Breeding matrons by Militant, Lamplighter, Shadeland Dean 22d, Gentry Briton 6th, Hesled 2d and Wilton Almo 6th. Visitor's Welcome.  
W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.**Klaus Bros.' Herefords!**We offer 16 head of strong, rugged bulls, herd leader material, ready for service, sired by Full filler 3rd, Full filler 25th and Beau Onward. See our show herd at the leading western fairs.  
KLAUS BROS., BENDENA, KANSAS.**Modern Herefords****ROBT. H. HAZLETT**Hazford Place  
Eldorado, Kansas

## ABERDEEN-ANGUS.

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

breeder of Shorthorns and Shropshires. Mr. Andrews offers two young bulls sired by Major of the Valley, a Scotch Bloom, 2200 pound bull, a half brother of the noted 13th Linwood Golden Drops and Golden Lord that sold at a long price in Col. Harris' dispersion sale; also, half brother of Victorious, the bull used with marked success by N. H. Gentry. Mr. Andrews has several cows by Major of the Valley and bred to Orange Major, a Scotch Orange Blossom of the richest breeding and a bull of great substance; a prize winner at the American Royal, The Shropshires include a bunch of young rams sired by Imp. Altmont. These will be priced at figures that will move them.

## Attend the Topeka Fair.

As the state fair season of 1912 approaches, the best reasons are in evidence why the farmer and his family should spend their leisure days at the big fair at Topeka, which will be held Sept. 9-14. The prosperity enjoyed by farmers and stockmen is indicated by good crops together with a long period of high prices on all farm products, justifies the suggestion that those who have contributed by their labor diligently applied, in seed time and harvest, are worthy of the opportunity to enjoy and share the splendid home coming with the thousands of visitors who are expected. They will at the same time witness the magnificent display at the Kansas state fair, representing the agricultural, horticultural, and live stock resources, the factories and the industrial and educational institutions of the commonwealth. In point of location, for comfort, accessibility, arrangement and convenience, the fair grounds at Topeka are unequalled. Within short walking distance of the business center of the city, as well as having a metropolitan street car system capable of handling 75,000 attendance daily at the main entrance of the fair, and 60 passenger trains per day on four trunk lines, the facilities for handling large crowds are unsurpassed. The commodious state fair grounds at Topeka include fifteen acres of timber and shade unused for exhibits, where camping privileges are free other than the regular price of admission at the gate. Thirty commercial hotels and over 100 high class boarding houses afford accommodations for vast numbers of visitors. The State Fair association extends a cordial invitation to come to the Topeka fair; come in wagons, in carriages, on horse back, afoot, on trains or in automobiles, and enjoy a week's vacation, recreation and pleasure at the biggest and best fair that has ever been held at the capital city of Kansas.

## Bonnie View Duroc-Jerseys.

Few breeders have achieved more genuine or as well deserved success in raising Duroc-Jerseys than Searle &amp; Cottle, the proprietors of the Bonnie View Herd of Duroc-Jersey hogs, Berryton, Kansas. Bonnie View farm is located about eight miles from Topeka, and five miles from Berryton. This farm is one of the best equipped swine breeding establishments in the state. Colony brood sow houses of the inverted 'v' pattern are used, and these are located in individual yards which are separated by woven wire fencing and occupy a field well set in alfalfa. As indicated by the above the yards were planned for convenience and efficient management of the litters, and each litter and dam is kept in separate quarters until weaning time, when the boars and gilts are separated and yarded according to size. C. H. Searle, the senior member of the firm, established the herd nearly 30 years ago and is one of the oldest and most successful breeders in the west. His achievements with the Duroc-Jerseys place him in the front ranks of swine breeders, and his success with his chosen breed has been equalled by very few of this or any other breed. Before removing from his former home in Clay county, Nebraska, he exhibited Duroc-Jerseys for fifteen years in succession at state fairs, and it is safe to say, was the winner of more prizes than any other breeder at his state shows. The twelve head shown by him at the World's fair at Chicago, in 1893, were awarded the largest amount of prize money won by any like number of the breed, and at the Trans-Mississippi Exposition at Omaha, 1898, he showed seventeen head, the winners of 24 prizes and more than one-third of all the money awarded to this breed. He showed, also, successfully at the state fairs of Iowa and Minnesota, the largest annual dog shows in the world. The hogs he exhibited at the largest shows, including the two world fairs, were all, with one or two exceptions, bred by himself making the honors more highly creditable. H. J. Cottle, manager of the farm and herd, has been associated with Mr. Searle no less than twelve years, and has handled the breeding herd in careful and painstaking manner. He has met with splendid success in the present season, as in past years, with the growing litters. The Bonnie View pigs are well grown and thrifty and exceedingly uniform. The litters represent three good sires and the line of breeding that achieved distinction and made Duroc-Jersey history. Attention is directed to the advertisement elsewhere in this paper.

## Record Breaking Sale.

Average \$117 for 117 head Berkshires Exclusive of pigs, 80 average \$150. Top, for a boar, \$4,050. The public auction of Kinloch Farm Berkshires, the property of Dr. C. E. Still and Dr. Geo. Laughlin, Kirksville, Mo., on August 22 is the record breaking sale, to date, of the year. The average price, \$117, received for 117 head, the total number sold, is the more remarkable taking into consideration that about one-third of the offering consisted of spring pigs, many of them late farrowed, which were sold in single lots. The average price received for 80 head, exclusive of pigs, was \$150. The climax in the day's auction was reached with the selling of the 5-year-old boar Rival's Lord Premier at figures that register a high mark in auction events, \$4,050, the bid of Thos. Stanton of Illinois. Mr. Stanton was also the successful bidder on the top sow in the sale, paying \$1,075 for Artful Belle 30th's Daughter. The 11-year-old sow Artful Belle 30th, a noted brood sow, was knocked off to the same buyer at \$805, the highest price recorded for a hog of such advanced age. Less than a dozen breeders bought the bulk of the offering. The general shortage of breeding stock in represented sections of the country was evidenced by the desire of a number of breeders to replenish their herds. The heavy buyers were Thos. Stanton, 41 head; D. G. Harris, 10 head; Prof. Curtis, 9 head; Joe J. Battles,

## BERKSHIRES.

**Jewell County Berkshires** Fall gilts and yearling sows for sale, bred or open. C. W. ELYEA, JEWELL CITY, KANS.

## WAITE'S BERKSHIRES.

Choice young Boars and Gilts, also tried sows. Most famous Robinhood Blood. We guarantee satisfaction. Call or write LEON A. WAITE, WINFIELD, KAN.

**Berkshires That Make Good**With size, bone and feeding qualities that please the farmers as well as ability to win in the show ring. Unde-feated young herd bred by exhibitor, three state fairs.  
C. G. NASH, ESKRIDGE, KANSAS.**BERKSHIRES, SHORT-HORNS and JERSEYS**FOR SALE—25 boars by Robinhood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow.  
Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.  
W. J. GRIST, :: OZAWKIE, KANSAS**MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.**200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood).  
E. D. KING, BURLINGTON, KANSAS.

## POLAND CHINAS.

**NEBRASKA'S POLAND CHINAS.** Spring boars for sale but best gilts reserved for February 15 sale.  
L. E. HOLMES, BLOOMINGTON, NEB.**MARCH and APRIL BOARS**

And a few fall boars for sale. Big thrifty stock and big type breeding. Write for prices. W. E. EPLEY, Diller, Nebr.

## 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.

Dietrich &amp; Spaulding, Richmond, Kan.

**Big Type Poland Chinas**

Two extra fall boars and choice spring pigs, sired by Gold Mine and Pan Look.

**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. KLEIN, - - Zeandale, Kansas.**HILDWEIN'S BIG POLANDS**

Herd headed by a great son of Expansive. Spring pigs by the leading big type sires of the day. Choice stock for sale and satisfaction guaranteed. Big sale Nov. 1. Walter Hildwein, Fairview, Kans.

**Poland Chinas**Select young boars, gilts bred or open. Prices right. Call or address  
E. J. Manderscheid, St. John, Kansas**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. BRANIC, Hiawatha, Kansas.**EXPANSIVE FALL BOARS FOR SALE!**I still have a few extra choice fall boars by Expansive, August and September, 1911, farrow, weighing 300 pounds and better. These are extra good in every respect and are the last sired by this great boar. To see them is to buy. I guarantee satisfaction. Write or call.  
H. B. WALTER, EFFINGHAM, KANSAS**Gildow's Mammoth Poland Chinas**Herd headed by the 1060 lb. grand champion, Pawnee Chief Hadley and Big Bill Taft. For sale 80 spring boars and gilts by the above named and other big type sires and several big stretchy spotted pigs by Big King and Brandywine Jr. All out of prolific big type sows. Also two herd boars and 25 fall gilts bred or open. If you want the big, smooth kind write us. Watch for our show herd.  
DR. JNO. GILDOW & SONS, JAMESPORT, MISSOURI**PFANDER'S KING 60262**by Long King, heads my herd of strictly big type sows including daughters of A Wonder, Long King, Columbia Chief, King Mastodon, etc. Only the best for sale. Fall sale October 22.  
JOHN W. NOLL, WINCHESTER, KANSAS.**ETTERVILLE BREEDING FARM**Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not akin. Hogs shipped anywhere on earth. They will please and are priced right.  
EDGAR DOOLEY, Owner, ETTERVILLE, MO.**Alfalfa Glen Stock Farm Public Sale**

Geary, Okla., Tues. Sept. 10, 1912

**75—SEVENTY-FIVE HEAD HIGH CLASS POLAND CHINAS—75**This is a choice offering of boars, gilts and sows not akin. 10 tried sows, 30 bred gilts, 10 open gilts, 25 boars. The sows and gilts are sired by and bred to such boars as Mischief Prince, Transmitter, Field Marshall, Perfection Meddler, Hutch Jr., Spangler's Hadley, Reliance and other boars of note. We are offering 3 Sept. boars of show yard quality. Among the spring boars are sons of Reliance, one of the greatest big type boars of the breed.  
About 45 head are choicest medium type breeding, about 80 head select big type. In 1911 our show herd won 86 premiums and 4 diplomas at leading state fairs. This year our show herd is better than ever. Attend the sale and see the winners where they grow. Write for catalog.**A. B. CAMPBELL, Geary, Okla.**

Cols. Allen, Groff and Oler, Auctioneers.

## BERKSHIRES.

**BERKSHIRES and Polled DURHAMS** 200 pound boars a few sows, herd bull and young bulls. C. M. Albright Overbrook Kansas.**Sutton Farm Berkshires**

We are offering selections from 100 spring pigs, mostly sired by Judge Robinhood, at very attractive prices. We are also booking orders now for some very nice gilts bred for early fall farrow. We will sell two tried sows bred for Sept. farrow.

Sutton Farms,  
Lawrence Kansas.

Berryton Duke Jr.

POLAND CHINAS.

HOWARD R. AMES, POLANDS 21 pigs from 15 sows. Boars and gilts for sale. Write for prices. HOWARD R. AMES, MAPLE HILL, KAN.

POLAND CHINAS

40 SPRING BOARS 50 SPRING GILTS

Booking orders now for June delivery. 40 years' experience. Can furnish big, lusty fellows. Can furnish spotted if desired. Yours for hogs with stretch. T. T. LANGFORD, Box M, JAMESPORT, MO. Mention Mail and Breeze when writing.

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.

HERMAN GRONNIGER & SONS BENDENA, KANSAS.

We have been breeding Poland Chinas for more than 30 years.

Over 300 head in herd. All popular big type blood lines represented. Can supply the trade with boars or gilts of any age. Oct. 9 we sell a great offering of yearling sows, open. Nov. 13 a great line of early spring pigs. Watch for these sales. Write us your wants.

HAMPSHIRE.

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

Wittorff's Hampshires Best blood lines. Bred sows and gilts. Spring pigs, pairs and trios unrelated. Descriptions guaranteed. F. C. Wittorff, Medora, Ks.

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

REGISTERED HAMPSHIRE HOGS

of various ages not akin; two registered and one grade Dutch Belt bulls, also 1 spotted Arab stallion. C. W. WEISENBAUM, ALTAMONT, KAN.

Try The White Belts

Cloverdale Farm offers a number of extra nice Hampshire boars for sale.

T. W. Lavelock, 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. C. Pigs \$10.00 EACH. Harry Haynes, Meriden, Kan.

EDGEWOOD O. I. C's. Choice spring boars and gilts, singly or mated, also bred gilts. HENRY MURR, TONGANOXIE, KANS.

STAR HERD O. I. C's. Breeding stock of various ages, either sex. Best breeding, sented in this herd. Write your wants. ANDREW KOSAR, GLASCO, KANSAS.

O. I. C. Pigs and bred gilts for sale. Also boars ready for service. Prices right. F. C. GOOKIN, Russell, Kan.

Burr Oak O. I. C. Hogs 28 last September, October and November boars for sale. Best of backs, feet and lots of scale. Prices right. Charles H. Murray, Friend, Nebr.

RIVERSIDE FARMS O. I. C's. BOONVILLE, MO. I have for sale 12 September gilts by O. K. Perfection and 6 tried sows bred for Sept. farrow; 6 winter boars; 13 winter gilts, bred or open; one yearling boar by Mear's King and a choice lot of spring pigs of the best breeding. I have the easy feeding big kind. Write me your wants. JNO. H. NEEF, BOONVILLE, MISSOURI

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.

Bonnie View Herd Duroc-Jerseys 75 large, well grown spring pigs. SEARLE & COTTLE, BERRYTON, KAN.

FALL BOARS BY DREXEL'S PRIDE the sire of my show hogs. Spring pigs by him and Queen's Wonder 112117, a sensational Crimson Wonder Again yearling. All choice and priced right. W. T. HUTCHISON, CLEVELAND, MO.

4 head; N. H. Gentry, 3 head; Mintmere Farm, 5 head; Tannabaum Farm, 5 head; Brookline Farm, 6 head; and Iowa Farm, 16 head. While the dispersal of such a great herd as this is regrettable, it is a matter of considerable satisfaction to note that Kinloch Berkshires, widely known for their excellence, have been distributed among the prominent herds. The auctioneers were Cary M. Jones, Lloyd Seely and I. W. Holman. As a large number of hogs were purchased by different breeders, only representative sales are quoted, as follows:

Thos. Stanton, Wheaton, Ill. 1—Artful Belle 30th, \$805; 2—Artful Belle 30th's Daughter, \$1,075; 3—Rival's Lord Premier, boar, \$4,050; 7—Lord Premier's Nellie 6th, \$80; 23—Belle Rival 13th, \$80; 56—Rival's Lord Premier Jr., boar, \$230; 100—Rival's Pet, \$11; 102—Champion Longfellow's Belle, \$90; 111—Burge Queen 3d, \$125; 120—Premier Lee's Rival 3d, \$85; 122—Premier Black Girl, \$85; 130—Lee's Black Lady, \$90; 137—Schoolmaster's Bernice, \$85; 139—Schoolmaster's Lassie, \$80; 156—Wakarusa Belle 16th, \$155.

D. G. Harris, Tarrytown, N. Y., 113—Rival's Premier Pet 2d, \$50; 133—Schoolmaster's Lady Lee, \$40; 150—Duke's Champion Belle 2d, \$40; 158—Jewell Dee 18th, \$50; Duke's Queen 19th, \$50.

C. F. Curtis, Ames, Ia., 18—Rival's Pet 2d, \$55; 24—Belle's Rival 14th, \$70; 31—Belle's Rival 16th, \$50; 32—Belle's Rival 17th, \$50.

N. H. Gentry, Sedalia, Mo., 30—Belle's Rival 15th, \$50; 33—Belle's Rival 18th, \$50; 104—Champion Lady 5th, \$80.

Joe J. Battles, Moultrie, Ga., 85—Longfellow's Rival 2d, boar, \$110; 115—Rival's Premier Pet 4th, \$100; 146—Duke's Duchess 11th, \$95; 154—Jewell Dee 17th, \$90.

Mintmere Farm, St. Louis, Mo., 112—Sittytton Duchess 3d, \$105; 119—Premier Lee's Rival, \$95; 146—College Lady 10th, \$90.

Brookline Farm, Aurora, Ill., 4—Premier Rival's Duchess 2d, \$90; 118—Premier Lad's Pet, \$110; 131—Butwood Stumpy Girl, \$65.

Tannabaum Farm, Willoughby, 20—Lord Premier's Sallie 3d, \$50; 47—Premier Artful Rival 3d, \$70; 142—Sittytton Lady Lass 9th, \$140.

Iowa Farm, Davenport, Ia., 110—Lady Columbus 10th, \$105; 143—Royal Lady L. 5th, \$65; 103—Rival's Artful Lady 3d, \$200.

Iowa Farm & Tannabaum Farm, 69—Artful Belle's Rival 3d, boar, \$510.

C. L. Tobar, Monticello, Ill., 6—Rival's Longfellow Duchess 3d, \$75; 21—Premier Lord's Belle, \$205.

F. W. Altman, Elmo, Mo., 8—Lord Premier's Nellie 8th, \$50.

J. F. Newton, Cairo, Mo., 144—Robin Is Handsome Lady, \$80.

Howard Willets, Great Barrington, Mass., 93—Black Girl's Rival 2d, boar, \$275.—G. W. B.

Iowa

GRANT GAINES.

Henry Fessenmeyer, Clarinda, Iowa, has about 20 spring gilts which he is offering at very reasonable prices. These gilts are big and stretchy and are sired by Big Joe, Mr. Fessenmeyer's new herd boar. They are out of sows sired by the great A. Wonder. This is an excellent cross and the gilts are the making of extra big sows. Readers of this paper who are looking for herd sows or bred sow sale toppers should get busy here. On February 6th, Mr. Fessenmeyer will sell a lot of high class sows bred to A. Wonder and Big Joe. You can buy these gilts now and make big money on them. We recommend these gilts to our readers wanting something that will grow into great size. Better write him about them today.

Raise a Col. Gano.

C. E. Huff, Mondamin, Iowa, will have another high class lot of good Duroc sows and gilts to offer the coming season. Mr. Huff is part owner of King the Col., the sire of Col. Gano, and he will sell sows by him and bred to him. He will also have sows by Col. Willetta, and Golden Model. It will pay our readers to remember Mr. Huff when the time comes for him to make this sale, due notice of which will be published in these columns.

Editorial News Notes.

The Flour City Gasoline-Kerosene Tractor made by Kinnard-Haines Company is advertised in this paper on page 10. This splendid tractor will be on exhibition at the big Hutchinson fair September 14-21. This will furnish an excellent opportunity for intending purchasers of tractors to pass upon its merits. In the meantime we should advise writing to Kinnard-Haines Company, Minneapolis, Minn. Please tell them where you saw this ad.

The Witte Engines.

Farmers Mail and Breeze is glad to carry again the advertising of the Witte Engine Works. The Witte engine is a great engine, made by a western firm for western users. Uses a variety of fuels, and is made in various sizes. Write for catalog to Witte Engine Works, 1618 Oakland Ave., Kansas City, Mo.

Butler Steel Grain Bin.

Our readers will find appearing regularly in Farmers Mail and Breeze an advertisement of the Butler Steel Grain Bin. Most certainly the farmer should store his grain for higher prices instead of disposing of it at harvest time, which is nearly always the low time of the year, and one of the most practical methods of storing, and not to say the safest method, is the use of the steel bin. The bin referred to contains an important feature which deserves special note, its corrugations. A frequent cause of complaint against the steel bin heretofore, has been their liability to cave in under pressure of high winds when empty. These corrugations overcome this danger entirely but do not add to the cost. This bin is sectional. It is shipped completely knocked down with the sheets nested, and after it is erected the farmer may secure additional sections and increase its capacity any time he desires. The Butler Manufacturing Company at 1204 West 10th St., Kansas City, Mo., who manufacture this bin, are distributing a very neat booklet describing their bins, which is sent free on request. Their adv. in the present issue is on page—.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

DUROC-JERSEYS.

WALNUT GROVE FARM. Boars and gilts, sired by B. & C's Col. and R. C.'s Buddy. Also spring pigs. R. C. WATSON, ALTOONA, KANSAS.

FASHIONABLE BRED DUROCS Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him. Royal Scion Stock Farm, Winfield, Kan.

HEBRON FARM DUROCS 30 Sows and Gilts bred for Aug. and Sept. Farrow. Also March and April Boars. H. H. SHAW, Hebron, Nebraska.

LITTLE OAK DUROCS Early spring boars for sale. Gilts reserved for February 22 bred sow sale. Geo. P. PHILIPPI, Lebanon, Kan.

Fisher's Durocs Hard boars, Graduate Col. 23278, Crimson Prince 6537, Ruby's Chief 10417, King's Col. F. 8826. 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 Man With the Guarantee."

Crimson Wonder, Ohio Chief Blood Lines Fall boars and March pigs for sale at a very reasonable price. F. C. GARRETT & SON, Farm 2, BLOOMINGTON, NEBRASKA.

TAYLOR'S DUROCS Booking orders for choice spring pigs, over 100 head to select from, sired by Col. Wonder 112295 and Mo. Climax. Litter mates being fitted for fall shows. Prices right. Chas. L. Taylor, Olean, Mo.

Prince Wonder 2nd, No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale. A. T. CROSS, GUIDE ROCK, NEBRASKA

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.

Deep Creek Herd Durocs Choice spring boars now ready to ship, also gilts bred for September and October. Best of breeding. Write your wants. C. O. ANDERSON, MANHATTAN, KANSAS

SALINE VALLEY STOCK FARM Am offering 50 big smooth March and April pigs for sale at prices that ought to sound good; 2 big winter boars ready for service. Write me your wants. 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.

JOHN T. HIGGINS, ABILENE, KAN. has 40 head of choice Duroc spring boars, sired by "Crimson Wonder Again," "King the Col.," "Golden Model 11th" and 10 other leading sires of merit. Out of No. 1 dams of faultless breeding. They are priced to sell. Would prefer your visit but will take pleasure in correspondence. Address as above.

40 Bred Duroc-Jersey Gilts 40 We Will Sell At Private Treaty Forty Large and growthy yearlings, richly bred. A few tried sows. They are the large, stretchy, broody kind and due to farrow soon. TO SEE THEM IS TO WANT THEM First come, first served. These hogs are priced to sell. If impossible to call and inspect herd write or phone for particulars. MARSHALL BROS., Burden, Kansas.

DUROC-JERSEY SALE Union City, Okla., Wednesday, Sept. 4th. Prize Winning Blood Lines We offer 30 head of Choice Breeding Stock. Consisting of 5 Tried Sows with litters at side. 5 Sows for early farrow. 10 Open fall yearling gilts. 5 Choice spring gilts. 5 Spring Boars ready for service. They represent the most fashionable blood lines and are most all sired by, or bred to State Fair champions. Breeders and farmers alike invited. Write today for catalog. Address. AUCTIONEERS: Fred Graft, Fred Ball, John Williams. CLASEN BROTHERS, UNION CITY, OKLAHOMA. FIELDMAN, M. L. Crowther

DUROC-JERSEYS.

BONNEY K — KANSAS SPECIAL Spring boars for sale but all best gilts reserved for February bred sow sale. W. E. MONASMITH, FORMOSO, KANSAS.

BIG TYPE DUROCS Representing the best blood lines. Over 50 sows in herd. Big crop of choice spring pigs. Stock of all ages for sale. Fall sale Oct. 17. Moser & Fitzwater, Goff, Kansas.

DUROCS—RED POLLS

30 summer and fall boars, 25 tried sows and fall gilts (bred) and spring pigs either sex, at FARMER'S PRICES. Young bulls and females all ages cheap. GEO. W. SCHWAB, CLAY CENTER, NEB.

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. Glasen, Union City, Okla. wants.

College Hill DUROCS March and April boars and gilts from state fair winners. Choice boars by G. M's Col. and Carl's Critic. Farm joins Agricultural College. W. W. BALES & SON, Manhattan, Kansas

Quivera Place DUROCS Spring boars for sale by Quivera and M. & M's. Col. Gilts reserved for Jan. 8 bred sow sale. MUNSELL & ISENBERG, Herington, Kan.

BANCROFT'S DUROCS We hold no public sales. Nothing but the best offered as breeding stock. Three choice September boars. Tried sows and September gilts bred for September and October farrow. Spring pigs, either sex. Pairs and trios not akin. Price right. Customers in six states satisfied. Describe what you want. We have it. D. O. BANCROFT, Osborn, Kansas.

Star Breeding Farm Herefords and Durocs Bulls, 15 to 30 months, single or carlots; also, females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale. SAM'L DRYBREAD, ELK CITY, KANSAS.

EARLY SPRING PIGS 35 Duroc-Jerseys of TARRAX, WONDER CHIEF, and COLONEL breeding. 20 Berkshires of BERRYTON DUKE 2ND, BERRYTON DUKE JR., and BEAU BRUMMEL breeding. A few bred sows and yearling gilts. Also Southdown, Hampshire and Rambouillet yearling rams. Address DEPARTMENT OF ANIMAL HUSBANDRY, Manhattan, Kansas.

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# BIG BARGAINS IN REAL ESTATE

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

200 ACRES in four miles of Garnett, Kan., \$40 acre. Can leave \$2,400 stand. Can farm all. S. C. MILLER, Robinson, Kan.

320 A. smooth mixed land, 100 in cult., not far from the new Santa Fe R. R., \$10 per a. Other bargains. Moore & Falls, Liberal, Kan.

AGENTS WANTED, to sell Neosho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

IMPROVED half section of Stafford Co. land at \$40 a. Worth \$60. Write for particulars. A. L. McMillan, Stafford, Kansas.

FOR SALE. 200 a. nderson Co. imp. 90 a. cult., 95 a. bottom. Price \$5,500. For particulars write Her & Simmons, Garnett, Kan.

TREGO CO. lands, \$20.00 to \$50.00 per a.; small payment down, 10 annual payments on bal.; all staples flourish. Purcell & Phares, Owners, Wakeeney, Kan.

SUMNER COUNTY, KANSAS. The best farms for diversified farming; the very choicest of improved farms. Crops are sure. Write H. H. Stewart, Wellington, Kansas.

ALFALFA, corn and wheat lands in rain belt of Kansas. Good upland \$35 to \$75, bottom \$75 to \$100. Free land list. THOMPSON & LEWIS, Whitewater, Kan.

EMPORIA, KAN., is one of the best college towns surrounded by a good farming country. Send for list of farms and city property for sale. T. B. Godsey, Emporia, Kan.

WRITE for big printed list of corn and alf. farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holtzman, Concordia, Kan. (Pioneer Kan. farmers.)

ALFALFA and corn farms in eastern Kansas from \$55 to \$75 per acre. Easy terms. Write for list and tell us kind of farm wanted. T. J. Ryan & Co., St. Marys, Kan.

240 ACRES; good farm; good improved; 4 miles to R. R. town; Cowley Co., Kansas. I will take \$2,000 cash, \$5,500 first mortgage, balance good property for a home. Price \$50 per acre. I have other farms on good terms. Wm. Godby, Arkansas City, Kan.

HOMES in N. W. Ark. Good soil, pure water, healthful climate, from \$500 to \$20,000; also flouring mill \$1,000, good proposition. Best reasons for selling. Harness, carriage, furniture stock live town. Other bargains. Write for list. Ad. Box A-1, Hindsville, Ark.

WANT QUICK TRADE: Fine home farm 320, well improved, all fine land, 7 miles of town. Cash price \$8,000 clear; want smaller farm east, close to town with German Baptist church. Will not assume, must get in 2 miles of town. Have land to sell on crop payments. BUXTON LAND CO., Utica, Kan. Ness Co.

80 ACRES, 50 acres in cultivation, large house and barn, good orchard, close to school and church, a bargain, terms. MALSBURY & WALRAD, Erie, Kan.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

BARGAIN: 80 acres, 68 a. cultivated, balance pasture, 10 a. alfalfa, 6 room house, good barn and outbuildings. Price \$4,500, \$1,500 cash. Write for free lists. W. G. STUDEBAKER, Salina, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

640 A. smooth wheat land, in S. E. part of Hodgeman Co. 260 acres in cult. 200 a. 2nd bottom land, must sell at once. Price \$12.50 per acre, 1/2 cash, bal. 3 yrs. 6 per cent interest. R. S. MAIRS, Kinsley, Kan.

A GOOD INVESTMENT—Unimproved half section, Central Kansas creek bottom and second bottom land. 240 acres broke, 300 acres tillable. No trades wanted. \$65 per acre. Reasonable terms. Write HENRY H. EBERHARDT, Salina, Kan.

120 acres, 5 room dwelling, good barn and outbuildings, orchard, choice valley land, fine location, 2 1/2 miles out. Price for quick sale \$55.00 per acre. Send for land list. F. C. LIBBY, Blue Mound, Linn Co., Kan. J. L. Wilson, Salesman.

89 ACRES located 6 1/2 ml. Ottawa, Kan. Fair 5 room house, good barn 32x24, extra good well with windmill. 80 a. nice smooth land in cultivation, remainder in pasture, some timber, close to school and church. Price \$55 per acre. Will half the money. MANSFIELD, Ottawa, Kan.

WHY PAY \$100 PER ACRE when we can sell you well improved farms in Linn Co., Eastern Kansas, at \$30 to \$60, fine corn, small grain, tame hay, vegetables, fruit. Level, good soil. Ideal climate, close to Kansas City markets. Write for illustrated literature and list. WAIT & DEAN, Blue Mound, Kan.

HALF SECTION four miles from Fall River, good 6-room house, good arch cave, two barns, 140 acres plowed and could most all be farmed, but is nearly all in grass. Ten acres timber, watered by wells, big spring and ponds. Price \$30 per acre. WM. FORBES, Fall River, Kan.

I have for sale at owners' prices over 300 choice improved farms, all sizes, in Lyon and Coffey counties, Kansas. Fine corn, wheat, alfalfa, timothy and clover. Write for new illustrated descriptive circular: some exchanges. Address ED F. MILNER, HARTFORD, KANSAS.

TWO FINE RANCHES: 960 acres, 300 cult., 660 finest bluestem pasture, permanent spring water, 2 sets imp.; 10 miles El Dorado, may be divided, \$40,000.00, terms on half. 1,650 acres, Cowley Co., 200 acres cult., 70 alfalfa, springs and creek, 1,400 acres fine flint hill pasture, 3 mi. station, \$30, terms. V. A. Osburn, El Dorado, Kan.

CORN, WHEAT AND ALFALFA LANDS and stock ranches \$10 to \$15. Also city property. WINONA LAND CO., Winona, 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.

WRITE FOR OUR BARGAIN SHEET of our farm and ranch lands in W. Kansas, also choice farm homes near Wichita, Kan. Kuhlmann Realty Co., Wichita, Kan.

TWO SECTIONS 5 and 7 ml. Russell Springs, on R. R.; county seat Logan Co., Kan. Over 500 a. in each tract best level land, bal. good pasture. Big snap; \$7.00 per acre, terms. Write quick. Box 122, Grainfield, Kan.

IN THE OKZARKS OF ARKANSAS small fruit farms pay the best; if interested in stock, fruit or grain farms, address EWALT LAND CO., Springdale, Ark.

SOUTHEASTERN KANSAS is the place to go for good homes, low prices and easy terms. Send for full information. Address THE ALLEN COUNTY INVESTMENT CO., Iola, 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.

BUTLER COUNTY, KANSAS, 160 A. New buildings, 80 acres in cultivation, balance grass, good alfalfa land. \$6,000, terms. BEATTY REALTY CO., Wichita, Kan.

EASTERN KANSAS BARGAINS. Improved stock and grain farms; \$30 to \$65 per acre; write for list free. J. E. CALVERT, Garnett, Kan.

EVERYBODY'S DOING IT NOW. Buying wheat, corn, alf., land at bargain prices. Write us for list. L. E. Pendleton, Room 4, Commerce Bldg., Dodge City, Kan.

TO HOMESEKERS AND INVESTORS. No better location than S. E. Kansas near Chanute. Splendid farms at \$30 to \$50 per a. Write today for new list. HOME INV. CO., Chanute, Kan.

SHERMAN COUNTY, KANSAS. Where corn, alfalfa, and small grains of every description grow to perfection. Level, fertile land, \$10 to \$50 a. Liberal terms. Handsome, illus. cir. free upon request. G. L. CALVERT, Goodland, Kan.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$80. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. EBY BROTHERS & CADY, Pleasanton, Kan.

JUST LISTED Improved 160 acres A-No. 1 valley land near Independence, Kansas. Price \$50 per acre. Enc. \$3,000. Exchange equity for desirable residence property preferably in N. E. Kan. This is a real bargain. FOSTER BROS., Independence, Kan.

FORD CO. LAND BARGAINS. Ford Co. Land bargains. 730 acre improved wheat farm 3 1/2 miles of Dodge City. Black loam soil. \$27.50 per acre. 160 acre improved wheat farm 3 1/2 miles Ensign. \$27.50 per acre. Wheat is making from 15 to 35 bu. per acre in Ford Co. this year. Write W. A. STURGEON, Hutchinson, Kan.

320 ACRES FOR SALE. 6 1/2 miles from Preston, all fenced and cross fenced, 220 acres in cultivation, 100 acres in pasture; good 8 room house, barn for 16 horses, granary and sheds, well and windmill. On phone and rural route. If you want a good wheat and corn farm investigate this. Price \$11,000 with good terms. CHAS. E. DYE, Preston, Kan.

160 ACRES in Washington county, 2 miles from town, 1 1/2 miles from German Lutheran church, 1 mile from public school, 110 acres in cultivation, balance in meadow and pasture. 4-room house, barn for 12 horses, also other outbuildings. Living water; all fenced and cross-fenced, lava slightly rolling; raises elegant small grain, wheat and oats, also corn, would produce alfalfa in paying quantities. Terms \$58.00 per acre, mortgage \$3,700 at 6 per cent, balance cash. PRAILE BROS., Bremen, Kan.

SEDGWICK COUNTY FARM BARGAINS. 280 acre first bottom farm, fair improvements. This snap \$47.50 per a. Terms. 101 a. first bottom alfalfa farm. Well improved. 40 a. fine alfalfa one mile of city, 3,000 people. \$110 per a. Good terms. 320 a. improved best alfalfa or wheat land, \$65 per a. Half cash. 80 a. farm, good land; 20 a. alfalfa, good improvements, near Wichita, \$80 per a. For bargains in good farms call on or write H. E. OSBURN, 227 E. Douglas, Room 1, Wichita, Kan.

**Agricultural College** Live near while educating your children. City, suburban and farm property for sale. Choice locations. Write your wants. L. D. ARNOLD, Manhattan, Kansas.

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

## 200 ACRES

Three and one-half miles from town, 120 acres good wheat land, all well grassed, living water. Big snap. Must sell quick. Price \$3.50 per acre, terms. Other bargains. List on request. MARRS & DAY, Meade, Kansas.

**You Can Buy Now** and get benefit of early advance in price. Choicest lots in Plains, Kansas, today \$17.50 to \$50.00 on easy monthly payments. Will advance rapidly. It's a growing little city with a certain prosperous future. Let me tell you about it. Write today. JOHN W. BAUGHMAN, Plains, Kan. Desk G.

**480 Acre Alfalfa Ranch Bargain** 100 a. in alfalfa on good black loam soil. Will get four large crops and pasture crop. 165 a. good farm land, bal. in pasture with abundance of living water and timber. 2 1/2 ml. R. R. station. Price \$25 per a. if taken soon, good terms. B. F. HINKHOUSE, Palco, Kan.

**Fine Half Section** on Santa Fe Extension. All tillable rich soil, 11 miles from Hugoton, Kansas, to which Santa Fe Extension is building. Dark sandy loam. No waste. On telephone line and R. F. D. 1 1/2 miles from school and church, \$3,700. Will carry \$2,000 till Jan., 1914, at 7 per cent. This bargain won't last. E. J. THAYER, Liberal, Kansas.

**SOLOMON VALLEY FARM** 314 acres. North Central Kansas, the great alfalfa, wheat and corn belt of the state; 2 miles railroad town; rural route; telephone; well improved; two sets improved alfalfa; no rocks, sand or gumbo; rich black soil; fine alfalfa, wheat and corn; 250 acres cultivated; all tillable; can be rented for 1/2 the crop; price for quick sale, \$65; also two quarters in Graham county, one at \$20; the other at \$15; good rich land, rural route, telephone; good terms on all this land; no trades; come and see or write for full description. Owner. H. J. HAMMOND, Harlan, Kansas.

## TEXAS.

FREE ILLUS. literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

TEXAS GULF COAST LANDS—87,000 a. of the best to sell to actual settlers. Write today. A. B. Armstrong, Guthrie, Okla.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Tex.

CHEAP patented state school lands, South Texas. \$1 a. cash, bal. ten years. For all particulars write F. A. Connable, Trustee, 442 Commercial Bank Bldg., Houston, Texas.

RAINS ABUNDANT; crops fine; land values will double quickly. We are expert farmers, 40 yrs. experience, and will give your business honest attention. Agents wanted. White Brothers, Plainview, Texas.

**YOU CAN'T AFFORD TO MISS THIS ONE!** A well improved river bottom farm at \$20 per acre. Easy payments. Write for particulars. Many other great bargains. J. C. SCHOFIELD, Edna, Tex.

**GULF COAST LANDS** that produce big crops of all staples, at reasonable prices on good terms. Values are increasing rapidly. Now is the time to buy. Maps and illustrated literature free. Orange land on easy payments a specialty. J. W. MAGILL, Bay City, Texas.

**LAND BARGAINS IN THE SUNNY SOUTH.** Farms, ranches, timber lands, colonization tracts. Beautiful illustrated descriptive booklet, Texas map, and land list FREE. GREENFIELD REALTY COMPANY, Southwestern Life Bldg., Dallas, Texas.

**PROFITS IN GULF COAST LAND.** Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on Where to Buy Land." Will send you free "The Gulf Coast Bulletin" for 6 mo. Write THE ALLISON RICHEY LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

**FREE TRIP TO TEXAS** and \$125 in cash to anyone selling 15 lots in our new town. Any man or woman of good local reputation can sell these in a few days. We sell choice farm lands on terms to suit. The country of biggest alfalfa and finest fruits. Write today. STRATTON LAND COMPANY, Chicago, Ill.

## IDAHO

**FOR HIGH CLASS IRRIGATED LAND** with plenty of water, lava ash soil and an ideal climate, good fruit, grain and dairy country, address THE STILSON-BLODGETT LAND CO., Gooding, Idaho.

## LOUISIANA.

ALFALFA farm practically free to experienced grower under 30 yrs. Want start industry. R. A. Shotwell, Mgr., Chamber of Com., Monroe, La.

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RICH Illinois land \$25 per acre. Address S. H. Morton, 706 Chestnut St., St. Louis, Mo.

## MISSOURI.

120 ACRE farm, only \$1,250; terms on part. Crain, Licking, Mo.

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

BEST imp. farms in Mo. \$60 to \$100 per a. Write A. R. Wherritt, Pleasant Hill, Mo.

120 A. farm; 100 a. in cult. Price \$2,000. Summerville Land Co., Summerville, Mo.

FINE Howard Co. farms. None better. List free. Write to C. C. Furr, Fayette, Mo.

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

BARGAINS in Ozark of Missouri fruit and timber lands. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

95 ACRES improved dairy farm within city limits of Richland, Mo. Price \$60 per acre. Other farms for sale. Write owner. G. R. Bakeman, Richland, Mo.

MO. farms, \$25-\$60 a., liberal terms. Prices rapidly advancing. New list and folder free. German community. J. H. Frederick, Cole Camp, Mo.

207 A. imp. farm; 150 cult.; bal. timber and orchard, tel. R. F. D. nr. R. R. station; fine water. Price \$45 per a., terms. Greene Co. Realty Co., Springfield, Mo.

IF YOU are looking for a home come to the Ozarks where land is yet cheap and climate great. List of farm, ranch and timber bargains. Write Roy Bedell & Co., 309 1/2 College St., Springfield, Mo.

BARGAIN FOR CASH ONLY, three miles of this city, the county seat, 50 acres, 38 in cultivation, 12 timber and pasture. Splendid water, all fenced, one mile to school, fine road, on rural and telephone line, 4 room house, stone cellar under it, good barn 22x28, other outbuildings. Price \$1,800.00, \$600 cash, long time on balance at 6 per cent. Write JAS. B. WEBB & CO., West Plains, Mo., about this.

FOR SALE. 185 acre farm in Southern Missouri. Well improved, convenient to railroad, 60 acres in bearing orchard, 3,000 barrels of apples now in sight on the trees. Land finely watered, with good buildings. Rural route and telephone line. If this orchard is properly handled it should yield at least 3,000 barrels a year which will sell from \$3,000 to \$6,000 each year, according to market price. You can sell the apples on the trees for cash in hand, and not be bothered with picking and packing. This farm is good for general purposes, in addition to fruit. You can buy this at a bargain, for the owner must sell. Might consider some trade. Send for complete and detailed description. Don't wait. You get the apples. G. B. CUNNINGHAM & CO., 431 E. Commercial St., Springfield, Mo.

40 ACRES, 5 1/2 miles from Lebanon, 1/2 in cult., improved, water, fruit, good poultry farm, price \$700. F. R. CURRIE, Lebanon, Mo.

8080 ACRE STOCK RANCH For half its value for quick sale. Address owner for information. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

CALLAWAY COUNTY, MISSOURI. In the heart of the great grain and stock-raising section of the Mississippi Valley, offers fertile lands, good climate, ample, well distributed rainfall, reasonable prices. Write for 1912 catalog. W. ED. JAMESON, Box D. Fulton, Mo.

FREE: "Homeseekers' Review" BEST LAND Many big bargains WEST PLAINS REAL ESTATE CO., West Plains Howell County, Mo

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## OKLAHOMA.

1,190 ACRES solid body, this county. All prairie, 800 acres fine tillable smooth prairie land. Balance fine pasture. 200 acres in cultivation. Fair improvements, fine water, fenced and cross fenced. Hay make 1 1/2 tons per acre this year. \$18 per acre. Terms, no exchange. Write SOUTHERN REALTY CO., McAlester, Okla.

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

ALFALFA FARM BARGAIN. 190 a. imp. farm, 100 a. alfalfa; 10 minutes' ride on interurban from Muskogee. Price \$22,000. Terms. 600 a. imp. ranch; 300 bottom; 100 in cult. Price \$15 per a. Write F. H. ATWOOD & CO., Muskogee, Okla.

FOR SALE—THREE GOOD FARMS in Custer county, Oklahoma. Best county in the state. 160 acres each. All fenced and cross fenced. Orchards. Good water. Dwelling houses. Outbuildings. Nice rolling lands. Most of it in cultivation. A snap if taken quick. J. J. MILLER, R. F. D. No. 2, Thomas, Okla.

Oklahoma Wants You 500 choice farms for sale. 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.

OKLAHOMA

EASTERN Oklahoma Indian lands. List free. Write F. S. Ashleman, Nowata, Okla.

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N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragan, Vinita, Okla.

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

TIM WOOD, the land man, sells E. Okla. homestead farms; for list write Muskogee, Okla.

EASTERN Okla. corn, alfalfa, wheat and fruit farms, \$10 to \$50 per a. Write Eby & Harrison Bros., Ada, Okla.

12 IMPROVED farms near Okla. City. For prices, write Ross E. Thomas & Sons, 217 Colcord Bldg., Oklahoma City, Okla.

160 A. two mi. R. R. town, seven mi. of Co. seat, \$40 per a. Good four room house, 120 a. in cult., easy terms. J. H. Fuss, the Land Man, Medford, Okla.

182 A. imp.; 3 mi. of Kiowa. Bottom land. 80 cult., bal. timber. Most all fenced. Price \$32 a. \$2,500 cash, bal. 6 per cent. Western Real Estate Exchange, Kiowa, Okla.

90 A. imp. fruit farm, 1 1/2 mi. of station. 3,500 trees; apple, peach, pear. 5 a. blackberries. On R.F.D. Fine water. Price \$6,000. Downing Investment Co., Atoka, Okla.

170 A. well imp. farm near McAlester, Okla., on R.F.D. 100 a. in cult., bal. in meadow; all tillable, lies well. Price \$28 a. Terms. Write O. P. Williams, McAlester, Okla.

WE SELL alfalfa, broomcorn and general farm land in Garden Spot of Oklahoma. Handle meritorious trades everywhere. Correspondents all over the U. S. and Canada. Write us. Thomas-Godfrey, Fairview, Okla.

KAY CO. bargains best in state. Fine homes. Good crops. List free. E. E. WOOD, Newkirk, Okla.

10,000 ACRES choice improved farm land. 5,000 acres raw land. I own these and will sell on easy terms. For list write L. R. KERSHAW, Muskogee, Okla.

40 ACRES about one mile from Thomasville, Okla.; R. R. town, lies well, unimproved, all in timber and grass, perfect title, price \$5.00 per acre, terms. W. F. COLNOR, Heavener, Oklahoma.

430 ACRES of bottom in cultivation. 7 miles south of Sulphur, Oklahoma. 205 acres in alfalfa cut three times this year. Will be cut twice more. Fenced hog tight. Three big barns, two dwellings, windmill and water system. Horses, mules, cattle, hogs, chickens, feed, farm products, hay and all implements go with the farm. A rare bargain at \$27,500. Time given on \$15,000. Alfalfa at \$200.00 per acre will bring better revenue than corn at \$50.00. Grass land can be bought adjoining. Address T. J. HARTMAN, Owner, Tulsa, Okla.

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

CORN, WHEAT, OATS, COTTON and alfalfa farms for sale by owner in E. Okla. Terms easy. Cam Doneghy, Muskogee, Okla.

WRITE JNO. L. WAGGONER & SON, McAlester, Oklahoma, for prices on E. Okla. timber, coal and farm lands. Large or small tracts.

TO ACTUAL FARMERS. Come and see me if you want to own a home farm of good land, deep soil, no rock, no hardpan, 42 inch rainfall, \$30 to \$40 per acre; long time; easy terms. No trades. CHAS. WHITAKER, Eufaula, (Eastern) Okla.

GOVERNMENT AUCTION sale of lands in Eastern Oklahoma. No homesteading required. \$3 to \$20 per acre. Splendid opportunity for the investment. For information write Crowder Trust Co., 247 Bond St., Crowder, Okla.

Eastern Oklahoma Land \$300 to \$2500 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.

IN THE RAINBELT Muskogee county, Okla., due south of Kansas City. 24 farms for sale by the owner. Write for price list, state map and illustrated booklet. BEARD LAND CO., Muskogee, Okla.

SEMINOLE NATION FARM BARGAIN. 320 a. improved, 12 mi. of Wewoka, Okla. Population 2,200. On main line of Rock Island R. R. Rich black and chocolate loam river and branch bottom land. Will produce 60 to 70 bushels of corn per a., 6 to 7 tons of alfalfa annually per a. Located in heart of the famous Seminole nation and Oklahoma rain belt where oats, corn, wheat, cotton and milo maize are chief products. Price \$17.50 per a. Terms. For further information write CANADIAN VALLEY LAND & INVESTMENT CO., offices McAlester and Wewoka, Okla.

Florida Lands For General Farming

We have 16,000 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.

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.

COLORADO.

BEAUTIFUL irri. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

80 ACRES irrigated, \$6,500. Close to Lupton, north of Denver. Improved, cultivated, fenced, water right, fine soil. L. A. Cobb Inv. Co., 242 Century Bldg., Denver, Colo.

320 ACRES; snap Elbert Co.; average rainfall exceeds 27 inches per annum; excellent crops on adjoining land; 4 miles of R. R. Price \$10 per acre, easy terms. Owner, Francis James, 1734 Welton St., Denver, Colo.

FOR SALE—Beautiful level irrigated farm of 80 acres in the Greeley District of Northern Colorado. Well improved and growing good crops of alfalfa, small grain and beets. Every foot irrigated and cultivated. Under one of the best ditches in the state. Two miles from station. Will sell at a bargain. J. I. CARPER, Denver, Colorado.

EASTERN COLORADO. Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write to or call on G. W. DINGMAN, Stratton, Colo.

FREE Illustrated literature describing eastern Colorado lands where all staples grow to perfection. Prices low; terms easy. E. F. SCHLOTE, Flagler, Colo.

IF INTERESTED in cheap deeded lands where wheat will make from 15 to 40 bu. per acre, address J. H. FAIL, Tuma, Colo.

The coming country of the Golden West.

EASTERN COLORADO. Land \$10 an acre and up. Crops are good and prices are advancing rapidly. Now is the time to buy. CHAS. E. GIBSON, Flagler, Colo. (On C. R. L. & P.)

HOMESTEAD RELINQUISHMENTS. \$20 a. from \$200 up. Deeded lands, \$8.00 to \$15.00 per acre. One crop more than pays for the land. Descriptive folder and copy of the NEW HOMESTEAD LAW FREE. T. J. McNEVIN, Wild Horse, Colo.

THE STEWART REALTY COMPANY, located at 703-4-5 and 6 First National Bank Building, Denver, Colorado, has 4,200 acres of fine irrigated land, situated east of Pueblo on the Arkansas river; 18 sets of improvements, all under the very best of irrigation, free perpetual paid water; land in alfalfa, sugar beets and grain crops. Price for entire tract \$300,000. Would retail in 40 acre tracts at \$150 per acre. Write for full particulars.

400 ACRE FARM \$3,500 CASH. Well improved farm, 75 acres alfalfa land, 30 acres in alfalfa, one of the best places in the country for the money. It is worth \$5,000 of any man's money; improvements cost over \$1,600. There is 160 acres of deeded land and 240 acre relinquishment. The land is partly rolling, over 100 acres in cultivation. All I ask is a chance to show you this place. If you have the money you will buy this if you come and see it. Lots of other places improved and unimproved. I can show you as fine crops as grow in any country. No trades. CARL M. COOK, Limon, Colo.

GOLDEN opportunities for a home and investments—NOW. Fine farms, ranches, \$8 to \$10 per a. A few relinquishments. Did you see "bleeding, alms-receiving Kansas" become the wealthiest state per capita? Only a few hours' west of Salina, no finer soil on earth; 50 schools, 4 banks, churches, best of Colorado. Now. Pamphlet. R. T. CLINE, Townner, Colo.

Famous Grand Valley

of Colo. and the U. S. Gov't Canal, greatest fruit country in the world. Ten thousand cars this year. 4 crops alfalfa, 300 bu. potatoes per acre. No failures, 326 days sunshine, high schools, etc. For sale cheap, 40 acres paid up water right and 80 acres under government canal. \$100 to \$150 per acre. 40 acres all you need with irrigation. J. C. VINING, Owner, 533 17th St., Denver, Colo.

A FEW SNAPS FOR CASH. Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us SHIELDS-BEGGS LAND CO., Fort Morgan, Colo.

284 A. COLO. LAND CHEAP. 124 a. clear deed, 100 of it fine valley, \$10 an acre. 160 a. homestead adjoining same class, prove up in 3 years, \$500; 5 mi. R. R. town, together or separate. Best dairy land in E. Colorado. Half cash, bal. secured. E. L. PALMER, Laird, Colo.

CHEAP LAND and homestead relinquishments in Kiowa Co., Colo. Government only requires 3 yrs. residence now with 5 mo. yearly absence. Deed land \$6 to \$25 per a. Write for full information. Chas. M. Stark, Eads, Colo.

EASTERN COLORADO offers unsurpassed opportunities for home seeker or investor. Can furnish lands in any size tracts, at lowest prices; stock ranches a specialty. Write for free county map and des. matter. F. E. EWING, Hugo, Colo.

NEBRASKA

FOR GOOD CROPS without irrigation come to Kimball county. Wheat 80 bu.; corn 40 bu.; oats 50 bu.; potatoes 200 bu. Raw farm land at \$10 to \$15 an acre on good terms. J. A. TRACY, Kimball, Neb.

CANADA

OWN YOUR HOME in Canada. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequalled, no crop failures, no personal tax. Write today. Lynn W. Barrett, Aldersyde, Alberta.

ARKANSAS

88 A., 1/2 cult., small bldgs., good water, \$750 quick sale. Porter Land Co., Horatio, Ark.

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

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, 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.

IF YOU WANT A GOOD HOME for a little money write to MISSES BURKS & PATTON, Monticello, Ark.

BARGAIN 80. 1/2 mi. from town; 65 a. cult.; 10 a. bearing orch., all crops included. Robt. Workman, Everton, 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.

CORN, FRUIT, ranch and wheat lands; sandy loam soil; \$10 to \$25 per a. On good terms. Write for new list, mailed free upon request. Mansfield Realty Co., Mansfield, Ark.

FOR SALE—120 a. rich land, 80 in cultivation, house, barns, orchard, fine water; beautiful home on pike, mile from town, 13 from Little Rock, \$30 per a. F. J. Ray, 105 Center St., Little Rock, Ark.

160 A. improved, red loam soil; 80 cult.; 18 hay meadow; \$20 a. 80 a. creek dark loam farm; 25 cleared, fenced; \$15 a. Easy terms; good crops; on R. R. ROBERT SESSIONS, Winthrop, Ark.

FOR SALE OR EXCHANGE

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

I SELL or trade land or goods. Describe your wants. F. H. Brown, Golden, Mo.

EXCHANGES, all kinds, everywhere. What have you? Overlin & Son, California, Mo.

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

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

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

GREAT bargains in Sherman Co. farms; all sizes; easy terms; big crops this year; exchanges negotiated; liberal contracts to agts. Write Kysar Realty Co., Goodland, Kan.

TOPEKA HOME to trade for farm eastern Kansas—7 rooms, closets, bath room, city water, gas, barn, 3 lots, sewer, etc. Bargain. \$2,500. Owner, 146 Hill St., Topeka, Kan.

WANTED: A small hotel doing a good business in exchange for well improved 80 acres in E. W. Missouri. Send description and price at once. J. M. Mason, Columbus, Kan.

FARM BARGAINS—Good Anderson county, Kansas, farms at bargain prices; farms to exchange for merchandise or rental property. Four Square Land Office, Colony, Kan.

CLEAR \$12,000 hardware stock, east Kansas, to trade for stock and grain farm. BREMEYER, McPherson, Kan.

COFFEY CO., KANSAS, corn and alfalfa lands, low prices and easy terms; exchanges of all kinds; list and map free. LE ROY REALTY CO., LeRoy, Kan.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneola, Kan.

PHILLIPS CO., Kan., lands for exchange. 240 a. impr., \$40, want eastern Kansas. 200 a. impr., \$50, want eastern Kansas. 400 a. impr., \$30, take part in western—carry bal. I. R. ELDRED, Phillipsburg, Kan.

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

FOR EXCHANGE. 320 a. creek bottom, alfalfa land, impr., 225 a. in cult., 5 mi. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

IF YOU WANT TO SELL or trade your farm or stock of merchandise list it with me and I will find you a deal quick. E. A. MILLER, Centralia, Kansas.

FINE FARM TO TRADE FOR BRICK BUSINESS PROPERTY. 160 acres in Allen Co., Kansas, 1 mile from new cement plant and brick plant, 1/2 in cult., balance grass, lays good, fair improvements, good water, good black land. Will trade for good brick or stone business property in good town. Address WILSON & RESSEL, Colony, Kansas.

ARKANSAS

BARGAINS in North Ark. Good valley farms and cheap dairy and grazing land. WAYT & POTTER, Hardy, Arkansas.

We have 200 farms to dispose of at once in Arkansas, where the winters are short and the summers are mild. Fruit farms, strawberry farms, grazing and farming lands a specialty, ranging from \$15.00 to \$40.00 per acre, in tracts of 40 to 3,000 acres. Write us what you want and we will fill the bill. Address JAGGERS & HALL, Walnut Ridge, Ark.

ARKANSAS FARM LANDS. 400 acres, well improved, close in, \$12,000. 80 acres \$700. 120 acres \$2,500. 60 acres \$850. 123 acres \$1,500. For description and terms, H. J. HALL, Waldron, Arkansas.

ARKANSAS LANDS. For fruit or general farming, at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. COLLINS & HUNSAKER, Decatur, Benton Co., Ark.

A FARM FOR YOU IN ARKANSAS. 40 acres GOOD LAND \$600.00, on these exceptional terms: Note for \$400.00 due in 6 years, 6 per cent interest payable annually. Balance of \$200.00 payable \$5.00 cash, \$5.00 per month, without interest. No taxes during installment payments. Larger tracts proportionate terms. Our sixteen years' experience is at your service in investigating Arkansas. Real Estate Department, TEXARKANA TRUST COMPANY, Texarkana, Arkansas. Colored map of Arkansas for 10 cents.

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.

BEAUTIFUL OZARKS OF ARKANSAS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

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.

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.

WILL exchange 1/2 sec. imp. near El Reno, value \$18,000, for grass land Kansas. Unusual proposition. W. J. Finch, El Reno, Okla.

IF YOU WANT TO BUY or trade for Sherman Co. land, where crops are good, write to or call on the GLIDDEN R. E. CO., Goodland, Kan.

FOR SALE AND EXCHANGE. W. and C. Kan. land, city property, mdse., and other good propositions. What have you? Fugate & Fugate, Newton, Kan.

FARM BARGAINS For sale or exchange, any size, price or where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

MERCHANDISE FOR LAND. \$5,500 stock gen. mdse. and \$4,000 shoes and clothing. We have the following for mdse.: 160 a. San Luis Valley irri., \$100 a. 520 a. W. Okla., well improved, \$25 per a. Three good Wichita income properties, \$15,000. Kansas Investment Co., Wichita, Kan.

FINE NORTH MISSOURI FARM. 157 1/2 acres 6 mi. railroad town and 1 mile inland town in Grundy Co. 10 acres timber, balance nice smooth land cultivation. Fair improvements. Fine corn and tame grass land. Price \$100 per acre, incumbrance \$8,000. Want Kansas land for equity. IOLA LAND CO., Iola, Kan.

READ THIS. FOR SALE OR TRADE. 240 a. imp. farm 3 mi. to Scipio, Kan., in Catholic settlement. Owner wants smaller farm for his equity. I have good imp. farms in both Protestant and Catholic neighborhood for sale at owner's prices. Address W. L. MORRIS, Owner's Agency, Garnett, Kan.

For Sale or Exchange

Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

For Sale or Exchange

Land in the great corn belt of Missouri, Kansas and Nebraska. Also Ranches. If you wish to make an exchange address M. E. NOBLE & SON, 507 Corby-Forsce Bldg., St. Joseph, Mo.

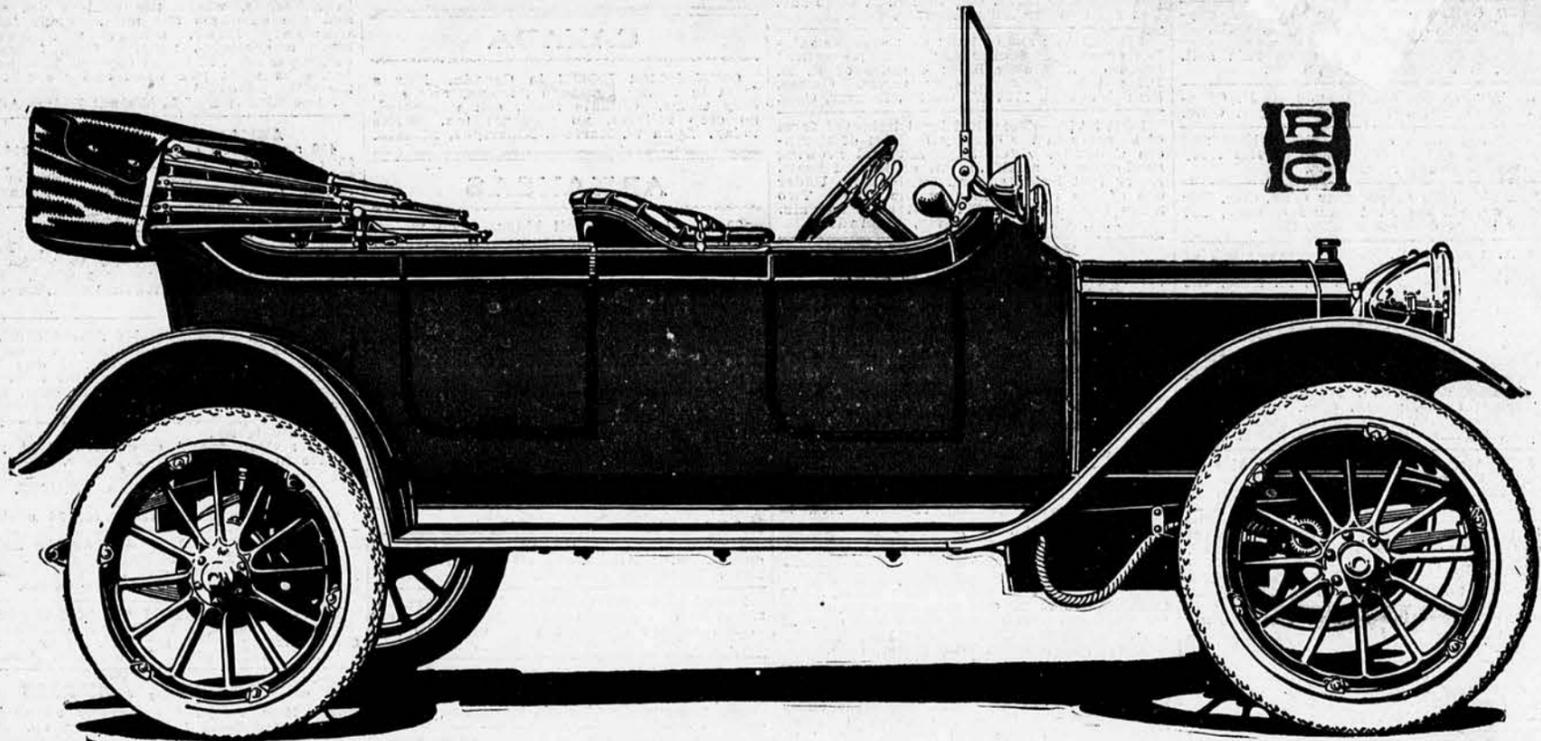
FOR EXCHANGE

160 acres three and one-half miles of Waverly, Kansas, about 110 in cultivation. Balance prairie hay and pasture. Good new 7 room cottage. In nice yard with good cement walks. Good barn 44x56. Nice orchard. This is good black limestone soil. Want smaller farm. Northern Kansas or Missouri. What do you want to trade? We have others. O'NEIL & LATHROM, Waverly, Kansas.

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.

# R-C-H Announcement 1913



## R-C-H "Twenty-Five"

Equipment—there's something for you to think about. When you buy an R-C-H you don't have to pay several hundred dollars extra for additional equipment that you've got to have. Everything is there, and everything is of the best quality. Just read over the construction and equipment details of the R-C-H, given below, and you'll get some idea of the wonderful value it offers at

# \$900

F. O. B. DETROIT

### The Car

**Wheelbase**—110 inches.

**Motor**—Long-stroke; 4 cylinders cast en bloc;  $3\frac{1}{4}$  inch bore, 5-inch stroke. Two-bearing crank shaft. Timing gears and valves enclosed. Three-point suspension.

**Steering**—Left Side. Irreversible worm gear, 16 inch ring wheel. Throttle control on steering column.

**Control**—Center Lever operated through H-plate integral with universal joint housing just below. Hand-lever emergency brake at driver's right. Foot accelerator in connection with hand throttle.

**Springs**—Front, semi-elliptic; rear, full elliptic and mounted on swivel seats.

**Frame**—Pressed steel channel.

**Axles**—Front, I-beam, drop-forged; rear, semi-floating type.

**Transmission**—3 speeds forward and reverse; sliding gear, selective type.

**Construction**—Drop-forgings wherever practicable; chrome nickel steel used throughout all shafts and gears in the transmission and rear axle; high carbon manganese steel in all parts requiring special stiffness.

**Body**—Full 5-passenger English type; extra wide seats.

### The Equipment

Non-skid tires— $32 \times 3\frac{1}{2}$ .

12-inch Hall Bullet electric head lights with double parabolic lens.

6-inch Hall Bullet electric side lights with parabolic lens.

Exide 100 ampere hour battery.

Bosch Magneto.

Warner Auto-Meter.

Demountable rims.

Extra rim and holders.

Tally-ho horn.

Jiffy curtains—up or down instantaneously.

Top and Top cover.

Windshield.

Rear view mirror.

Tool-kit, Jack, Tire Repair Kit, Pump.

Robe Rail.

WHEN you look at another car, just note what equipment is furnished with it. And figure out what you'll have to pay extra for the things that aren't there. And don't forget that in sturdiness, comfort, beauty, power and economy, the R-C-H will meet your every requirement as well as though you paid twice its price. Write for descriptive catalog, or call on nearest dealer.

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