



Volume XLIII. Number 47

TOPEKA, KANSAS, NOVEMBER 23, 1905

Established 1863. \$1 a Year

## A Promising Horse Event



One of the black Percheron stallions included in the biggest offering of imported horses ever made, the forthcoming sale by Watson, Woods Bros. & Kelly Co., at Lincoln, Nebr., December 1 and 2, 1905.



## KANSAS FARMER.

Established in 1863.

Published every Thursday by the  
KANSAS FARMER CO., - - TOPEKA, KANSAS

SUBSCRIPTION PRICE: \$1.00 A YEAR

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## ADVERTISING RATES.

Display advertising, 15 cents per line, agate (fourteen lines to the inch). Continuous orders, run of the paper, \$1.54 per inch per week.

Special reading notices, 25 cents per line.

Business cards or miscellaneous advertisements will be received from reliable advertisers at the rate of \$5.00 per agate line for one year.

Annual cards in the Breeders' Directory, consisting of four lines or less, for \$16.00 per year, including a copy of the Kansas Farmer free. Special rates for displayed live stock advertising.

Special Want Column advertisements, 10 cents per line of seven words per week. Cash with the order.

Electros must have metal base.

Objectionable advertisements or orders from unreliable advertisers, when such is known to be the case, will not be accepted at any price.

To insure prompt publication of an advertisement, send cash with the order; however, monthly or quarterly payments may be arranged by parties who are well known to the publishers, or when acceptable references are given.

All advertising intended for the current week should reach this office not later than Monday.

Every advertiser will receive a copy of the paper free, during the publication of the advertisement.

Address all communications to

KANSAS FARMER CO.,

116 West Sixth Ave., Topeka, Kans.

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Again it becomes necessary to state that 'n all well-regulated newspaper offices every unsigned communication goes to the waste basket regardless of what might be its value if signed by the real name of the writer.

The Czar of Russia owns 404,000,000 acres of land in Russia proper, large landlords and communities own 311,000,000 acres and the peasants—the people who do most of the farming—own about 385,000,000 acres, or less than one-third of the land. The revolution now in progress in that unhappy country seems likely to result in the relinquishment of the crown lands, as well as the establishment of other reforms.

There is no end of fads which are pushed for the profit of the promoters at the cost of the credulous. A recent fad is the culture of orris roots for the drug market. Orris roots are the roots of iris plant. These are well worthy of limited production on account of the beauty of the flowers. But for the roots the demand is very limited and the price so low that even the Italians, whose product is admitted to this country duty-free, are finding the returns too small to meet their very moderate views of proper compensation for labor. Beware of the promoter of fads.

## THE PRODUCTION OF GOLD AND SILVER IN THE UNITED STATES.

The production of gold in the United States during 1904 amounted to 3,910,729 fine ounces, valued at \$80,

835,648. This represents an increase of \$7,243,948 over the production of 1903. After a period of very rapid advance in the gold production from 1892 to 1900, during which an increase from \$33,000,000 to \$79,171,000 took place, there followed two years of nearly stationary output and one year, 1903, of very decided decrease. It is therefore gratifying to find that the production has risen again with a bound to record figures, the largest previous output in 1902, amounting to \$80,000,000.

The production of silver in 1904 amounted to 55,999,864 fine ounces, valued at \$32,035,378. This represents an increase of 1,699,864 ounces over the production of 1903, and an increase in value of \$2,713,378. There is, therefore, a total increase of \$9,957,326 in the value of gold and silver produced in 1904 over that of 1903. The record output of silver in 1892, amounting to 63,500,000 fine ounces, has not been reached in late years, nor has the commercial value attained the figures of that year, which amounted to \$82,101,000. The price of silver in 1904, according to the Director of the Mint, varied from 55 to 61 cents per fine ounce, representing a decided increase over the prices of 1903, which varied from 48 to 59 cents and only exceptionally rose to 61 cents in October, 1903.

## CEMENT TANKS.

All things grow old and most things earthly decay with age. This is especially noticeable with tanks as they have been made heretofore. The great extension of the use of cement in all kinds of construction promises to furnish a material for the making of tanks which will be little subject to the tooth of time. The fact that the railroads have found concrete the only satisfactory material of which to construct culverts and small bridges and abutments for larger bridges, on account of its ability to withstand the great vibration to which such structures are subject, is one to be considered by those who desire to use a material which improves rather than deteriorates with age.

Concrete reinforced with steel rods, is in great favor for the construction of fire-proof buildings, as well as for those exposed to dampness. An idea of the method of using concrete and steel is set forth in the following directions given in an exchange for building a 15-barrel cement tank for stock, getting its water supply from a windmill about 240 feet away and 25 feet higher than the place where the tank is to stand:

"Make it rectangular, 4 by 8 feet on inside bottom and 20 inches deep. First excavate to solid foundation if not already there and fill to within six inches of the surface with gravel or stone and then put in a six-inch foundation of cement 6 by 10 feet. On this place a box of stout boards 6 by 10 feet on inside and 20 inches high and inside of this another box, made 4 by 8 feet at bottom and 5 feet 2 inches by 9 feet 2 inches on top, outside measures, and also to be 20 inches high. Both boxes, of course, to be without bottoms and to rest directly on the cement foundation. Both these frames should be carefully stayed so as to stand the tamping of the cement and the inside placed carefully in the center so the walls will be of uniform thickness. Then the space between the boxes will give room for a wall of cement, 5 inches thick on top and 12 inches at bottom. In filling use about 1 part cement to 6 of gravel, or 1 cement, 2 sand, 5 broken stone. As soon as the cement is set sufficiently take out the inside frame and brush the inside with a wash of almost pure cement. Leave the outside frame indefinitely for protection.

"Inlet and outlet pipes should be put in when putting in the foundation. The latter can be made in two pieces, one piece flush with the bottom so when the upper piece is out the tank can be drained and cleaned, the upper piece 19 inches long, screwing into the bottom part. Then there is no

need of a float valve as the tank will always stand full.

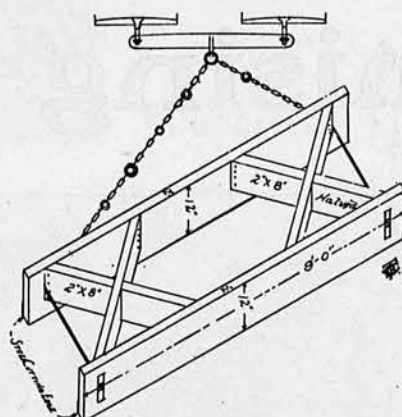
"Use steel rods to reinforce the walls and at corners. No. 4 wires will serve, which will prevent cracks."

## HOW TO MAKE A ROAD DRAG IN A PRAIRIE COUNTRY.

EDITOR KANSAS FARMER: Please give through the columns of your paper the latest and best methods of making a road-drag. We are going to drag the roads and wish to have the most improved drag. A. J. JAMES.

Nemaha County.

The original King drag was made of two halves of a log nine feet long. These were placed on edge with the flat sides to the front. Two-inch holes were bored through them and in these strong bars were wedged. These held the halves in position. Most readers of the KANSAS FARMER will have to depend upon sawed lumber for materials of which to make a drag. To



meet the wants of these the KANSAS FARMER presents the design herewith. It is much like the land-graders used by irrigation farmers in Colorado for bringing the land to a plain surface. Instead of the split logs, use two pieces 2 by 12 inches and 9 feet long. Between these place two X braces made of 2 by 8 stuff, and of such length as will fix the distance between the 2 by 12's at 30 inches. Those X braces are halved as represented. Long 5/8 inch eye-bolts are passed through the 2 by 12's. The eyes are used for attaching the chains. Blocks and washers should be placed under the nuts at the rear ends of the eye-bolts. A 12-inch plank should be placed on the drag. The driver will stand on this plank in such position as may be required by the work. The planks are provided with a cutting edge of steel. This may be three inches wide.

By using such an implement soon after each rain the condition of the road is improved with surprising rapidity and at small cost.

## WHOSE HEDGE?

EDITOR KANSAS FARMER:—Please give in your valuable paper a little information in regard to the ownership of a line fence.

A bought and settled on an eighty. The quarter adjoining him was vacant, but in 1871 or '72, A broke the ground on the line where the fence between his eighty and the vacant quarter should be, bought and put out hedge plants, say 120 rods, and cultivated the ground where the hedge fence is. About 25 years ago the adjoining quarter was sold to B, who settled on the land and used 40 rods of the hedge fence by putting wire up where needed. The other 80 rods A keeps up. B does not trim the 40 rods of fence, only keeps the wire in condition so cattle cannot go through. Nothing was ever said about the ownership of the 40 rods of fence. A few years ago B died. His heirs now claim the 40 rods of hedge and the right to cut it for posts and fuel, although A never received any compensation for it.

To whom does that 40 rods of hedge belong? What is the law in such cases and where is it found.

A SUBSCRIBER.

Shawnee County.

If A should employ a lawyer and state the case to him, the lawyer (Continued on page 1182.)

## Well Lathered

is half shaved. No man can be well lathered without the rich, thick lather of

## WILLIAMS' SHAVING SOAP

Sold everywhere. Free trial sample for 2-cent stamp. Write for "The Shavers Guide and How to Dress Correctly."

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**EVEN HEAVY STOCK**

Can't molest your poultry if enclosed with Page Fencing. It's made of the same strong quality of coiled wire and woven in the same manner as Page Stock Fences. Heights 4, 5 or 6 feet. Bottom meshes only 1 1/2 inches. **PAGE WOVEN WIRE FENCE CO.** Box 7569, Adrian, Mich.

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(Sold with or without elevator.)  
Crush ear corn (with or without shocks) and grind all kinds of small grain, and feed stuff. Use Center or Shape Grinders. Different from all others.

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**FOR SALE**—Dairy Farm in Loudoun County, Virginia. Between three and four hundred acres. Less than one and one-half hours' ride from Washington. Good railroad facilities. Outbuildings complete in every respect and in first-class condition. Good fencing. Large silo, filled for winter. Two dwellings on place for manager, etc. Good watering facilities with large storage tank. Excellent herd of cattle and well equipped dairy. Good land and whole farm can be cultivated. Excellent opportunity to purchase first-class, well-equipped dairy farm. **M. V. RICHARDS, Land & Industrial Agent, Washington, D. C.**



# Agriculture

## High-Class Farming.

What has come to be known as the Campbell method of farming to conserve moisture has been written up by William E. Curtis in the Chicago Record-Herald from Hill City, Kansas. He says:

"The Campbell method of 'dry farming' is being practiced on the semi-arid plains of Western Kansas and Eastern Colorado with remarkable success. The results accomplished on several model farms, under the direction of the inventor, discoverer or promoter—whichever you may prefer to call him—are remarkable, and are entitled to the respect of every one who is interested in the development of the high, dry plains between the Rocky Mountains and the Missouri River. Its advocates declare that they have received no encouragement from the Agricultural Department at Washington.

"We all believe in irrigation, of course. It is the safest, the most satisfactory and the most profitable method of farming, but vast areas in the Central Western States cannot be reached by water, and the rain that falls upon them is not sufficient to produce crops by ordinary methods. It is that class of lands which Mr. Campbell is trying to redeem.

"Mr. Campbell is at present engaged in the development of a model farm near the thriving little town of Hill City, belonging to J. F. Pomeroy, of Colorado Springs. The latter, who came into this country seventeen or eighteen years ago, has been a railroad and townsite promoter. He has between 20,000 and 30,000 acres of dry land in Graham County which cannot be reached by irrigation, and founded the town of Hill City at about the center of it in a beautiful location. He advertised his scheme all over Kansas and Colorado, brought homeseekers and speculators from every direction on free railway trains, sold his town lots at auction and gave an overcoat to every purchaser. The town has been quite successful. It now has about 800 inhabitants, an excellent hotel, several fine business blocks filled with stocks of goods, two enterprising newspapers and all the other essentials of a first-class frontier town. Just outside the limits Mr. Pomeroy fenced off 240 acres of land about six years ago and brought H. W. Campbell from Holdridge, Neb., to lay out a model farm on his system of soil culture.

"Mr. Campbell's principles, as he explained them to me, are:

"First—Catch the rainfall and store it where the roots of the plant can reach it.

"Second—Keep the soil always fine and loose.

"Third—Have a firm, solid foundation under the soil—a bottom to hold the water.

"What will this accomplish?" I asked.

"The careful regular application of these principles in farming will produce at least three times the results of ordinary farming, and often four and five times the results," said Mr. Campbell.

"What is the additional expense?"

"In Iowa or Eastern Kansas not more than 25 per cent more labor is necessary than is usually expended upon a crop by a good farmer. On the prairies, as a rule, farming is cheap and slipshod, and twice the labor is necessary. But this is offset to a certain extent by a saving of two-thirds of the seed. An ordinary farmer sows forty quarts of wheat to the acre and gets from nothing to twenty bushels, thirteen bushels to the acre being the average crop of the State, and fifteen bushels the highest State average that has been reached in Kansas for ten years. Under my system any painstaking farmer, by sowing twelve quarts of wheat to the acre and cultivating his soil carefully, will

harvest anywhere from forty to fifty-six bushels without fail. We can get forty bushels to the acre in the foothills of the Rock Mountains or anywhere else with fourteen inches of rain. You can get the same difference in every other plant or crop that grows—in gross or the acre."

"How do you do it?"

"By storing the rainfall in the soils," answered Mr. Campbell; "by keeping the surface of the ground always loose, which stops evaporation. It is impossible for moisture to rise to the surface through loose soil, and that leaves the ground in the best condition to receive the next rainfall. Thus you can make fourteen inches of rain go as far as twenty-five or thirty inches in raising all kinds of crops, plants or trees. We do not lose any of the rain—we have the full benefit of it. We keep it stored where the roots of the plants can reach it when they need it.

"How do you accomplish this?"

"By stirring up the soil with a revolving disk and then going over it again and filling up the furrows. We call this 'double-disking.' It pulverizes the soil and levels it off. We keep going over it again and again, beginning early in the spring and continuing until the last of June or the first part of July. After every rain we stir up the soil, either with a disk or an 'Acme' harrow. Finally we plow seven inches deep in the ordinary way and follow the plow with a subsurface packer—a machine which makes a compact, solid bottom, four inches from the surface, under the loose soil. Then we go over it again with the Acme harrow so as to keep the top soil loose and pulverized. After working the soil for a year in this way, by what we call 'summer tilling,' we put in our wheat, either in the fall or in the spring, as is usual. The first year we do not put in any seed. We simply keep stirring up the soil so that it will remain loose and pulverized, and after one year of this sort of cultivation three crops can be grown in succession without renewing the tilling. In some cases it is better to till every other year and raise a crop alternate years."

## The Making of a Rat-Proof Corn-Crib.

EDITOR KANSAS FARMER:—We frequently see in the farm journals articles explaining how to make a rat-proof crib.

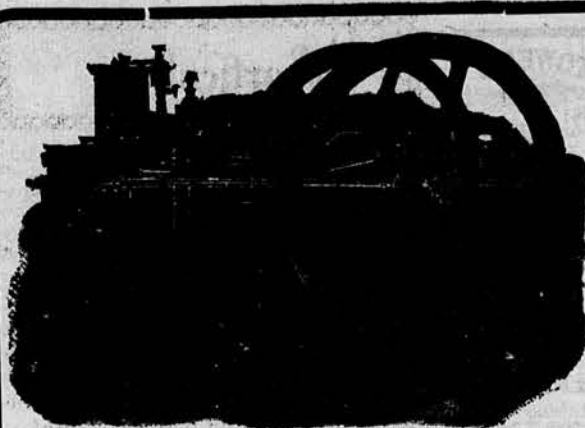
In all such articles that have come under my observation, the writers have directed us to set up posts 3 or 4 feet high and put an inverted tin pan, or sheet tin on the top of each post. On these posts, capped with sheets or pans of tin, we are directed to build the crib.

A crib on stilts. I am surprised when I think of it, that with all the intelligence of farmers and those who make suggestions to them, there should not have been something better offered to the public long ago.

When you put a crib on stilts to keep the rats from jumping into it you must have a ladder to enable you to climb into it when you want to get corn. If you omit to take down your steps or ladder any time after coming out of your crib, the rats will ascend the ladder and occupy the crib.

If you are willing to climb the ladder 730 times a year during the rest of your life you may go ahead and put the corn-crib on stilts. But for myself, I wish to reserve the energies of my legs and body for something of more value than climbing up and down a ladder to get corn out of a crib on stilts in order than I shall have it where the rats can't get to it.

I built a small barn, 32 by 32, with cribs on the sides set upon rock foundations about 12 or 15 inches high so as to admit a good-sized dog under the crib floors, using 2 by 6 for the floor joints, and flooring the cribs with good shiplap planks. The cribs 8 feet wide, 32 feet long, and 10 feet high. This leaves a space between the cribs, not floored, 16 by 32 feet and about 11 feet high. I closed this



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STEEL WIND MILL  
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ROLLER RIM GEARS

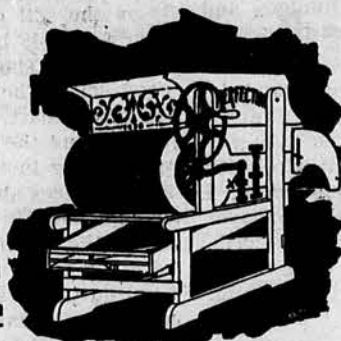
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MOUSE AND LESSEN THE WEAR.  
LATEST, STRONGEST, BEST.  
FACTORY, BEATRICE, NEB.

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Less of Seed



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Does your ALFALFA or CLOVER contain BUCKHORN, PLANTAIN, CRAB GRASS, PIG WEED and the like; your WHEAT contain RYE, OATS or CHEAT; your FLAX MUSTARD or KALE; your ENGLISH BLUE GRASS, SOUR DOCK and CHEAT; or in short are any of your grain fields infected with obnoxious weeds? If so see that the weed crop is stopped and that you get 100 per cent value out of your land. It has been proven beyond doubt that 20 per cent less of first grade seed will yield a 20 per cent greater crop than ungraded seed. The "Perfection" not only solves that weed problem but picks out your first grade seed and puts it in a separate compartment from the second or third grade. You may have some fine seed which is mixed with inferior grades and obnoxious weed seed but if you can not get it out it is worthless. The "Perfection" knows how to get it out.

We fully guarantee every "Perfection" and will send you a machine on trial, prepaying all freight charges and taking the risk of whether or not you want it.

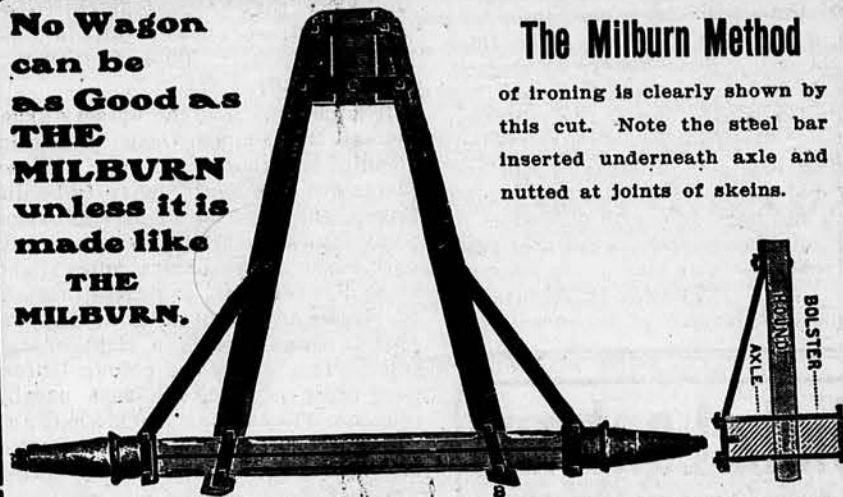
Write to-day for prices and circulars. Samples of cleaned seed also sent if you will state the kind of grain you raise.

THE LEWIS, TUTTLE MFG. CO., 414 Harrison St., Topeka, Kans.

No Wagon  
can be  
as Good as  
THE  
MILBURN  
unless it is  
made like  
THE  
MILBURN.

## The Milburn Method

of ironing is clearly shown by this cut. Note the steel bar inserted underneath axle and nutted at joints of skeins.



It costs more to build wagons the Milburn way but they run easier, last longer, and carry heavier loads, and are therefore cheaper in the end. If you want a cheap wagon we can't interest you. If you want the best wagon money can buy ask us for catalogue and prices of The Milburn.

ROCK ISLAND IMPLEMENT COMPANY,  
Kansas City, Mo.

## WESTERN WHEAT LANDS

10,000 acres in Hodgeman county, Kan., in solid adjoining sections. As much or as little of it as you wish at \$8 per acre, one quarter cash, balance long time and easy terms. Best possible wheat lands, smooth and fine. Come quickly and secure first choice.  
5,000 acres in Hodgeman county, Kan., at from \$7 to \$15 per acre, in quantities to suit. Excellent wheat lands on easy terms.  
4,480 acres smooth fine wheat lands in Hamilton county, Kansas, at \$5.50 per quarter, upon easy terms.  
20,000 acres good wheat and farming lands in Hamilton county, Kansas at \$5 per acre, in large or small tracts, on easy terms.  
All of these lands are selling rapidly. Do not delay if you would secure a bargain.

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Forty years ago and after many years of use on the eastern coast, Tower's Waterproof Oiled Coats were introduced in the West and were called Slickers by the pioneers and cowboys. This graphic name has come into such general use that it is frequently though wrongfully applied to many substitutes. You want the genuine. Look for the Sign of the Fish, and the name Tower on the buttons.

MADE IN BLACK AND YELLOW AND SOLD BY REPRESENTATIVE TRADE THE WORLD OVER.

A. J. TOWER CO. BOSTON, MASS., U.S.A.  
TOWER CANADIAN CO. LIMITED, TORONTO, CAN.

16 by 32 central space by sliding doors at each end, 9 feet wide and the same height as the cribs, shutting up 7 feet of the open-end spacing by shiplap boxing.

The sides of the cribs next to the large central space I railed up by using heavy, undressed 1 by 4 crib stuff set about 1 1/4 inches apart, giving access to air for the corn. The ends and outer walls of these cribs are shiplap barn-siding. Above the central space and above the cribs, is the hay-mow 32 by 32. This hay-mow is tightly floored with good shiplap lumber; and this flooring forms the covering to the cribs.

So much corn was damaged and destroyed during the first few years I concluded to try making one crib rat-proof. I obtained from a wire-cloth mill sufficient wire-screen cloth, 4 meshes to the square inch, to cover the open, railed inner wall of one crib, and also to cover the floor of the same crib. After spreading this wire-screen cloth down on the crib-floor I put on it another shiplap plank floor, letting the wire cloth turn up at the edges of the crib about 5 inches to prevent any possible cutting of rat-holes in the crib at the lower edges. I hung this wire-screen cloth to the open, railed sides of the crib, securing it with common plastering lath, nailed over the wire cloth on each rail, at the upper edge of the rail, using shingle-nails for nailing the lath on. This wire cloth being on the outside of the rails, next to the central barn space, is protected and held flat against the crib rails by the lath.

Overhead between the 2 by 6 mow joist I spread galvanized screen cloth, and secured it and held it up tight under the floor over the crib, by nailing lath on it. I have not seen a rat in that crib since I put this galvanized wire cloth on the floors over and under the crib and on the open, railed sides of the crib. This heavy, galvanized, No. 4 wire-screen cloth will cost 3 1/2 cents per square foot at the mills and you pay the freight. Will you climb ladders to a crib on stilts or will you pay for the galvanized heavy screen cloth and have your crib accessible to you but inaccessible to the ever-present rat?

THOMAS D. HUBBARD.  
Neosho County.

## Dietz Lanterns

We know that if buyers would first write us and get our lantern book and know just what service Dietz lanterns give and how they are made, they would never buy any other kind. Everybody knows about the

"Clear, White Light of the DIETZ."

But we want them to know about the convenient side lever, how impossible it is for the oil pot to leak, how it is made without suspicion of solder, how only the best class of material, glass, tin, wire, etc., is used in the making. There are a dozen things that ought to be considered in choosing. Then dealers could not persuade you to buy the ordinary lanterns on their shelves. There's a Dietz lantern dealer most everywhere. If you don't find one, write to us. Write anyhow for that free book.

**R. E. DIETZ COMPANY,**  
67 Laight St. NEW YORK CITY.  
Established 1840.

## Horticulture

Make Cuttings Now.

PROF. J. C. WHITTEN, MISSOURI AGRICULTURAL COLLEGE.

Few people realize how simple a matter it is to propagate one's own grape-vines, currants, gooseberries and most ornamental shrubs. If the work is properly done, these plants may be readily propagated by means of cuttings made late in autumn after the leaves are off of the plants but preferably before cold weather comes on. Only well-ripened, mature wood that has grown during the preceding summer should be selected for the purpose, all soft or immature parts being discarded. The cuttings themselves should be made six to ten inches long and the base of each should be cut squarely just below a bud so the bud is retained at the lower end. They should be tied up in bundles of convenient size, say, one hundred in a bundle, their butts, or basal ends, all one way, well shaken down so as to stand level on a flat table. They may then be packed in fresh, moist sawdust and be kept through the winter in a cellar or callus pit.

Upon the approach of spring, as early as the soil can be worked and before the buds have begun to grow on them, they should be planted out in good soil. The rows should be about four feet apart, to admit of easy cultivation, and the cuttings should be set very firmly in the soil, so as to leave no air spaces about them, and set deep enough so only the uppermost bud is above the ground. They should then be given clean cultivation and hoed to keep down all weeds during the summer, when usually an excellent growth of plants will be secured.

Currants, gooseberries, the Mariana and Golden Beauty plums, some varieties of quinces, the barberry, spirea, mock-orange, privet, most varieties of shrubs, willows, poplars and some other varieties of forest-trees, root readily from cuttings handled in this manner.

### Osage Orange or English Buckthorn.

EDITOR KANSAS FARMER: Will you please tell me if you have had any experience with English buckthorn hedge? Does the young plant look like Osage orange hedge? An agent for a Kansas nursery sold to a good many farmers, at the rate of 50 cents for 12 plants, what he said was English buckthorn. The plants are here and all say they are nothing but Osage plants. Please answer this in your next issue. THOS. P. BOWEN.

Ellis County.

It is possible that the nursery agent did sell the common Osage orange instead of buckthorn. However, the two plants are sufficiently unlike to be distinguished. The Osage orange (*Toxylon pomiferum*) has bright, orange-colored bark on the roots; a thick, milky slightly acid juice, stout, pale-green branches, which are hairy at first; and the pith is thick and of a light orange color. The leaves are oblong lanceolate, taper pointed, the base usually rounded. They are 3 to 5 inches long and 2 to 3 inches wide. The edge of the leaf is not notched—that is, it is entire. The leaf stalk is about one inch long, and finely hairy. The veins of the leaf curve up moderately near margin of the leaf. The leaves are shiny and not as dark green as are the buckthorn leaves.

The English buckthorn that the writer inquires of is probably *Rhamnus cathartica*, a European species. The leaves are oval, elliptic, or ovate, usually more rounded than those of the Osage orange. The leaf veins strongly curve upwards, all nearly meeting at the apex. The margin of the leaf is notched, having more or less rounded teeth. They are dark-green above and lighter below. ROBT. E. EASTMAN.  
Assistant, Horticultural Department  
Kansas Agricultural College.

### Kansas State Horticultural Society.

Secretary Wm. H. Barnes of the Kansas State Horticultural Society, has issued the following:

Our thirty-ninth anniversary is approaching. The year 1905, that came in with so much promise, is nearing its close. While we have had great disappointments, yet we have received "showers of blessings." Let us not come together in any spirit of repining or dejection. Despondency should have no place in horticulture or in any Kansas home. Another year will soon be here. Let us come together and reason out the cause of the great success of some and the unhappy loss of others. You are offered a program not already too full, but with space left for airing and discussing your troubles. By an arrangement with our brothers in Missouri, we took December 26, 27 and 28, and they took December 28, 29 and 30, for the annual meetings. Ours will be held in Topeka and theirs in Kansas City. We close at 4 p. m. of the 28th; they open at 7:30 p. m. of the 28th. The time from Topeka to Kansas City is two hours, and those who can attend both meetings will find themselves well repaid. It is knowledge we are after; let us grasp the opportunity.

The twenty-first semiannual meeting was held in Wichita, in June, and was both interesting and profitable. By the advice of the State Auditor, for reasons he only can explain, the appropriation for our meetings was reduced 60 per cent; so no semiannual can be held in 1906 at State expense.

Our advice is to come and get all the good you can out of the thirty-ninth annual.

Number of fruit-trees in Kansas, 17,970,966; acres of vineyards and berries, 22,320.

### PROGRAM.

Sessions open at 9 a. m. and 1.30 and 7.30 p. m.

Question box always open to those interested.

After every day paper or report, discussion pertinent to the subject, limited by the will of the presiding officer, will be in order.

FIRST DAY, TUESDAY, DECEMBER 26, 1905.

Trustees will hold a short session. President, Maj. Frank Holsinger, will call to order.

### Prayer.

Annual reports of trustees, in writing, by congressional districts, on horticultural conditions and progress:

First district—E. J. Holman, Leavenworth; Second district—E. P. Diehl, Olathe; Third district—F. L. Kenoyer, Independence; Fourth district—John Cousins, Eskridge; Fifth district—William Cutter, Junction City; Sixth district—J. J. Alexander, Norton; Seventh District—Geo. A. Blair, Mulvane.

### Communications.

Appointment of session committees on credentials of delegates, new membership, exhibits, auditing, obituaries, and resolutions.

### EVENING SESSION.

Welcome address, by Governor E. W. Hoch.

Response, by President F. Holsinger. The Ideal Horticulturist—Edwin Snyder, Oskaloosa.

The Ideal Home of the Horticulturist—Edwin Taylor, Edwardsville.

The Ideal Wife for a Practical Horticulturist—Mrs. Fannie Holsinger, Rosedale.

SECOND DAY, WEDNESDAY, DECEMBER 27, 1905.

Opened by the President, F. Holsinger.

### Prayer.

Reports of officers—Report of the president, F. Holsinger; report of the vice-president, W. F. Schell; report of the treasurer, Walter Wellhouse; report of the secretary, William H. Barnes; report of the official entomologist, Prof. E. A. Popenoe, K. S. A. C.; report of the committee on credentials; report of the committee on audit.

The Ideal Apple and How to Grow It—A. Willis, Ottawa.

## \$16.00 AN ACRE in Western Canada



is the amount many farmers will realize from their wheat crop this year.

### 25 Bushels to the Acre will be the Average Yield of Wheat

The land that this was grown on cost many of the farmers absolutely nothing, while those who wish to add to the 100 acres the Government grants, can buy land adjoining at from \$5 to \$10 an acre.

Climate splendid, schools and churches convenient, railways close at hand, taxes low.

Send for pamphlet "20th Century Canada" and full particulars regarding rate, etc., to Superintendent of Immigration, Ottawa, Can., or to the following authorized Canadian Government Agent

J. S. CRAWFORD, 125 W. 9th Street, KANSAS CITY, MO.  
Mention this paper.

## STARK FRUIT BOOK

shows in NATURAL COLORS and accurately describes 216 varieties of fruit. Send for our terms of distribution. We want more salesmen.—Stark Bros., Louisiana, Mo.

## TREES

OF ALL KINDS. Save agent's commission of 40 per cent by ordering direct from us at wholesale prices.

**BIG DISCOUNT OFFERED YOU**

See price list, send for it now. Certificate of genuineness furnished that our stock is TRUE TO NAME. Satisfaction guaranteed. Address

WICHITA NURSERY, Box B, Wichita, Ks

**TREE PROTECTORS**

75 cents per 100 \$5 per 1,000

As valuable in summer against sun-scaud, hot winds, etc., as they are in winter against cold and rabbits. Recommended by all leading Orchardists and Horticultural Societies. Send for samples and testimonials. Do not wait until rabbits and mice ruin your trees. Write us today. Wholesale Nursery Catalogue now ready. Send for copy. Agents wanted everywhere.

HART PIONEER NURSERIES Box 17, FORT SCOTT, KANS.

**PURE ALFALFA SEED**

Book Your Orders Now. New Crop Ready by October.

Our Alfalfa Seed won the highest award at the World's Fair held at St. Louis last year, in competition with all countries of Europe and the United States. Write us for prices on any quantity.

McBETH & KINNISON, Garden City, Ks.

**FIELD POST**

made where used. No freight charges. Simple of construction. Excels in beauty, convenience and strength. Costs little more than oak or locust, will last for all time. Renders universal satisfaction. Reliable men wanted who can work territory. Descriptive matter free. Address with stamp,

ZEIGLER BROS., Hutchinson, Kans.

**8,000 ACRES**

Wheat and Alfalfa Land in Logan and Wallace.

These lands are prime No. 1 land, selected, smooth, well grassed and well watered. Price \$4 to \$6 per acre; part cash, and long time for balance.

Chas. A. Wilbur, 111 W. 6th St., Topeka, Kans

**CASH**

For your farm, ranch, home or business, no matter what it is worth or where located. If you want your property sold quickly, send us description and price; then we will send you FREE OUR SUCCESSFUL PLAN telling you how and why we can quickly sell your property.

**IF YOU WANT TO BUY**

a business or property of any kind, anywhere, tell us what you want and where you want it. We can fill your requirements, do it promptly, and save you time and money.

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The Ideal Plum and How to Grow It—Prof. Albert Dickens, K. S. A. C.  
The Ideal Grape and How to Grow It—A. L. Entsminger, Silver Lake.  
The Ideal Strawberry and How to Grow It—Frank W. Dixon, Holton.  
The Ideal Raspberry and How to Grow It—A. H. Griesa, Lawrence.  
The Ideal Blackberry and How to Grow It—John Brazelton, Jr., Wathena.

On opening of afternoon session, trustees for first, third, fifth, seventh, and possibly new eighth districts will be elected.

## EVENING SESSION.

The Ideal Occupation for a Retired Life—Geo. W. Maffet, Lawrence.

The Ideal Front Yard of a Country Home—Dr. Geo. P. Lux, Topeka.

The Life-histories of some Fungous Pests of Orchard-trees—Prof. T. J. Burrill, Illinois Agricultural College, Urbana, Ill.

Ideal Horticultural Education—Prof. J. C. Whitten, Missouri Agricultural College, Columbia, Mo.

THIRD DAY, THURSDAY, DEC. 28, 1905.

Opened by the President, F. Holsinger.

Prayer.

Reports on exhibits and new members.

Notes on Fruit-breeding—Prof. N. E. Hansen, U. S. Experiment Station, Brookings, S. Dak.

Balance of this morning will be given to discussions on plant-breeding, spraying, outlook for the future, and other important queries, all at the discretion of the president.

Bring on your deep questions and heavy troubles.

## AFTERNOON SESSION.

Vice-President W. F. Schell in the chair.

Relation of Experiment Stations to the Economics of Horticulture—Prof. S. A. Beach, Agricultural College, Ames, Iowa.

Unfinished business.

Discussions on growing potatoes.

Discussions on growing sweet potatoes.

Discussions on growing field beans.

Report on obituaries.

Report on final resolutions.

Adjournment will be had at 4 p. m., and, at the invitation of Missouri, all who wish can take the A. T. & S. F. train No. 6, at 5 p. m., and arrive in Kansas City at 6.55 p. m., get supper at Macy's, opposite Union Depot, take trolley marked "Observation Park," and get off at Coates House, where the Missouri State Horticultural Society opens at 7.30 p. m.

## ANNUAL FRUIT EXHIBIT.

One hundred dollars has been set apart for awards on exhibits of fruit. The exhibition is not competitive, and every exhibit of merit will receive an award. Uniformity will require that five (no more, no less) specimens shall constitute a plate of apples, pears, peaches, or quinces; nine specimens of crabs and plums; grapes, one pound.

Several plates of same variety may be exhibited by same person.

Displays by counties, societies, or individuals may include all, not duplicates, which they exhibit, whether already awarded a premium or not.

All fruit must be correctly named.

Preserved and dried fruits, or preparations of fruit, will receive the attention and consideration of the committee.

New fruits of value, noted varieties, or those of peculiar excellence, from anywhere, will receive awards of "special merit," or "honorarium mention."

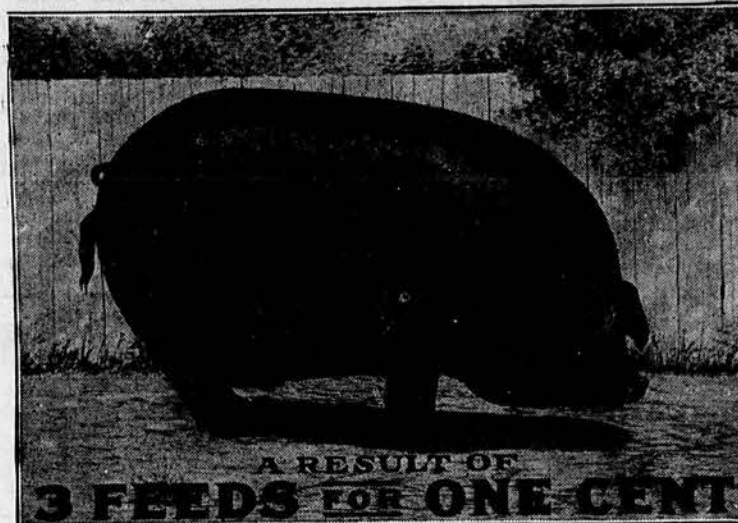
New varieties will be specially classed and distinctly and separately reported upon.

The exhibit will be made in the north corridor of the State house, and only Kansas grown specimens, exhibited by the grower or his representative, will receive premiums.

Fruit carefully packed can be sent by express, in care of the secretary, about December 23, or brought in your baggage.

## RAILROADS.

All railroads will give the usual hol-



A RESULT OF  
3 FEEDS FOR ONE CENT

We will pay you \$500 in cash if this engraving is not a correct reproduction of the photograph of this hog as sent us by Mr. Wright, said photograph being on file in our office for inspection.

## LARGEST HOG IN THE WEST

UNION, OREGON.

INTERNATIONAL STOCK FOOD CO., Minneapolis, Minn.

GENTLEMEN:—I enclose photograph of a hog that is owned by one of my customers. This hog has been fed "International Stock Food" and now weighs over 1100 pounds and is still growing. This is a big living advertisement for "International Stock Food" in this part of the country. Yours truly, L. A. WRIGHT.

We have thousands of testimonials on file in our office and will pay you \$1000 cash if they were not written to us by practical farmers and stockbreeders.

iday round-trip tickets for a straight one-way fare. Buy a round trip on the right day.

Topeka contains hotels, boarding- and rooming-houses to suit the taste and purse of each one.

## The Stock Interest

## THOROUGHbred STOCK SALES

Dates claimed only for sales which are advertised or are to be advertised in this paper.

Nov. 18, 1905—Combination Shorthorn Sale, Arkansas City, Kans.  
Nov. 22, 1905—Poland-Chinas at Anthony, Kans. C. O. Parsons, Mgr., Clearwater, Kans.  
Nov. 23, 1905—Shorthorns at Anthony, Kans. H. M. Harrington, Mgr., Clearwater, Kans.  
Nov. 24, 1905—Peacock-Axtell, Newton, Kans. Poland-Chinas.  
Nov. 24, 1905—W. R. Peacock, Sedgwick, Kans., Poland-Chinas.  
Nov. 25, 1905—Dietrich & Spaulding, Ottawa, Kas. Poland-Chinas.  
Nov. 28, 1905—Poland-Chinas and Shorthorns. J. R. Cooper & Son, Winfield, Kans.  
November 29, 1905—H. N. Holdeman, Topeka, Holstein-Friesian Cattle.  
Dec. 1, 1905—L. C. Caldwell, Moran, Kans., Poland-Chinas.  
Dec. 2, 1905—Ed McDaniels, Cherryvale, Kans., Poland-Chinas.  
Dec. 2, 1905—W. W. Brown, and Geo. J. Manville, Dearborn Mo., Shorthorn.  
December 5, 1905—Marshall Bros., and Harry E. Lunt, Burden, Kans., Poland-Chinas.  
Dec. 5, 1905—Marshall Bros., Burden, Kans., Poland-Chinas.  
Dec. 8, 1905—Marshall Bros., Burden, Kans., Duroc-Jerseys.  
December 8, 1905—Marshall Bros., and J. F. Stodder, Burden, Kans., Duroc-Jerseys.  
December 7, 1905—Nathan Brooks and others, Burden, Kans., Shorthorn cattle.  
Dec. 8 and 9, 1905—Poland-Chinas, Duroc-Jerseys, Shorthorns and Herforders at Coffey, Ill., Kans. H. E. Bachelder, manager, Fredonia, Kans.  
Dec. 12 and 13, 1905—Imported and American Herforders. Armour-Funkhouser sale at Kansas City, Mo. J. H. Goodwin, Manager.  
Dec. 14, 1905—Berry Lucas, Hamilton, Mo., Aberdeen-Angus.  
Dec. 20, 1905—J. R. Young, Richards, Mo., Poland-Chinas.  
December 21, 1905—Poland-Chinas. A. P. Wright, Valley Center, Kans.  
Dec. 20, 1905—J. R. Young, Richards, Mo., Poland-Chinas.  
December 21, 1905—American Aberdeen-Angus Breeders' Association, Aberdeen-Angus, Chicago, Ill., W. C. McGavock, Manager.  
Dec. 28, 1905—American Galloway Breeders' Association sale, Chicago, Ill.  
Jan. 17, 1906—Poland-China bred sows, H. E. Lunt, Burden, Kans.  
Jan. 18, 1906—Poland-China bred sows, Marshall Bros., Burden, Kans.  
Jan. 19, 1906—Duroc-Jersey bred sows, Marshall Bros., Burden, Kans.  
February 13, 1906—Jno. W. Jones & Son, Duroc-Jersey bred sow sale at Concordia, Kans.  
February 15-17, 1906—Third Annual Sale of the Improved Stock Breeders Association of the Wheat Belt at Caldwell, Kans., Chas. M. Johnston, Sec'y.  
Feb. 20, 1906—M. S. Babcock, Nortonville, Kans., Poland-Chinas.  
February 21-23, 1906—Percherons, Shorthorns, Herforders at Wichita, Kans. J. C. Robison, Manager, Towanda, Kans.  
Feb. 24, 1906—Poland-Chinas, at Wichita, Kans. by H. E. Lunt, Burden, Kans.

## Confidence in the Future of the Live-Stock Industry.

Nothing can be said by man that would as clearly demonstrate a confidence founded on rock for the future of the live-stock industry, as the construction of the enormous coliseum in Chicago by the Stock Yards Company for the purpose of holding annual educational expositions of live stock by the International Live Stock Exposition Association. This year's show will be held December 16 to 23. When complete this building will be the larg-

## \$1000. IN CASH PREMIUMS

FOR MEN, WOMEN, GIRLS AND BOYS WHO USE

"INTERNATIONAL STOCK FOOD"

For Horses, Cattle, Sheep, Goats, Colts, Calves, Lambs, or Pigs. You have as good a chance as anyone in earning one or more of these spot cash premiums and you may receive several hundred dollars without one cent of extra cost to you. These 24 Cash Premiums are absolutely free for our friends and customers who are feeding "International Stock Food".

If you have not received our complete list of these 24 premiums we will mail you one if you write to our office and request it. The smallest premium is \$25.00 cash and the largest is \$125.00 cash.

Dan Patch 1:55 1/4 COLORED Lithograph ABSOLUTELY Free

This Splendid Picture is a Reproduction of a Photograph which was taken by our own artist. It is 12x24 and in Six Brilliant Colors. It is as life like as if you saw Dan coming down the track and showing him pacing a 1:55 1/4 clip with every foot off the ground. Every Farmer and Stockman should have a picture of the Fastest harness horse that has ever appeared on earth. Dan is in better shape than ever this year. In his first public appearance in 1905 he paced a mile in 1:59 1/4 at the Minnesota State Fair and he followed this up in four days with a mile in 1:57 1/4, with the last quarter in 27 1/4 seconds, which is a 1:50 gait. On Saturday, October 7, at Lexington, Ky., Dan Patch again startled the world by lowering his own World's record from 1:56 to 1:55 1/4. Dan has been eating "International Stock Food" every day for three years and it has given him better digestion and assimilation and more strength, endurance and speed. He was not a champion when we bought him but has broken nine world records since that time.

DAN PATCH 1:55 1/4 IS OWNED BY INTERNATIONAL STOCK FOOD CO. THIS BEAUTIFUL PICTURE MAILED FREE POSTAGE PREPAID IF YOU WRITE US

1st.—HOW MUCH STOCK OF ALL KINDS DO YOU OWN?  
2nd.—NAME PAPER IN WHICH YOU SAW THIS OFFER.  
INTERNATIONAL STOCK FOOD CO., MINNEAPOLIS, MINN., U. S. A.

## Public Sale of Shorthorn Cattle

At Dearborn, Mo., Saturday, Dec. 2, 1905.

At 1 o'clock. Sale will positively be held, rain or shine. 40 head of the very best strains of Shorthorn cattle. 18 head of bulls, 22 head of cows and heifers, from such famous sires as Gallant Knight 124468, 198 Duke of Wildwood 148143, Young Prince 127287, Waterloo Prince 114063, 165 Duke of Wildwood 126057, Curator 123068, Pride Victor 164050, Champion 133395, Barmton Bud 152945.

Also 20 head of Poland-China hogs belonging to U. S. Byrne, Agency, Mo., will be offered at this sale.

Write for particulars and catalogues to

Brown & Manville, Dearborn, Mo.

Col. Geo. Bellows and other auctioneers. Dearborn is 18 miles south of St. Joseph and 40 miles north of Kansas City on the Chicago Great Western and Chicago, Rock Island and Pacific Railways.



## BLACKLEGIDS

THE SIMPLEST, SAFEST, SUREST AND QUICKEST WAY TO VACCINATE CATTLE AGAINST BLACKLEG.

Need not measure. No liquid to spill. No string to rot. Just a little pill to be placed under the skin by a single thrust of the instrument.

TO STOCKMEN—An injector free with 100 vaccinations. For Sale by All Druggists. Literature Free—Write for it.

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DETROIT, MICHIGAN, U. S. A.  
BRANCHES: New York, Chicago, St. Louis, Boston, Baltimore, New Orleans, Kansas City, Indianapolis, Minneapolis, Memphis, U. S. A.; Walkerville, Ont.; Montreal, Que.



## WHEN BUYING A CORN SHELLER.

Insist on Clean Shelling, Thorough Separation, Large Capacity and Lasting Qualities. These are Distinctive Features of

## The NEW HERO

2-hole and 4-hole Custom and 2-hole Farmers' Positive Force-Feed Shellers

They have Chilled Working Parts and other points of strength and convenience. We make Horse Powers, Wood Saws, Huskers, Farm Trucks, Manure Spreaders, etc. We guarantee our Goodhue Wind Mills for five years.

APPLETON MFG. CO.,

19 Fargo Street

Batavia, Ill., U. S. A.

## SAVE 1/2 BUY AN OLD HICKORY BUGGY AT FACTORY PRICES 30 Days Free Trial

OLD HICKORY BUGGIES have been building an enviable reputation for twenty years. They are built of a perfect grade of white hickory—will stand the W. E. A. R. and the T. E. A. R. of CONSTANT USE for many years. OLD HICKORY buggies are

## GUARANTEED FOR TWO YEARS

and we will make good any dissatisfaction that could arise. Our sales are enormous—and growing larger every year. We are manufacturers and can sell high quality buggies at about one-half the price you would pay your local dealer for the same goods. YOU NEED NOT SEND US ONE CENT. Use the buggy for thirty days and if you are not entirely satisfied return it at our expense. We manufacture a large number of different styles and can furnish any particular style desired. Send for large, free, illustrated buggy and vehicle catalogue which tells how to get an OLD HICKORY BUGGY on THIRTY DAYS FREE TRIAL, and will prove to you that we can SAVE you ONE-HALF ON YOUR PURCHASE.

Kemper-Paxton Mercantile Co. 923 LIBERTY STREET, KANSAS CITY, MO.



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**For Your Family and Your Horse**  
**The Best Antiseptic Known.**



TRY IT FOR  
**Rheumatism, Strains,  
 Sprains, Swellings  
 and Enlargements.**

Price, 25c., 50c. and \$1.00.

**Dr. EARL S. SLOAN,**  
 615 Albany St., Boston, Mass.

est of its kind in the world dedicated to live stock, 600 by 310 feet over all, with an arena 250 by 100 feet and capacity to hold 10,000 people in the auditorium.

Any one can aid in the upbuilding of an industry in fair weather, but have you thought what it means for strong hands to express a sincere belief in your industry and back it with cash? The agricultural and live-stock interests of the country should support this great move by a large attendance, and give tangible evidence of their own views on their business interests.

Professor F. B. Mumford, of Columbia, Mo., says:

"The International Live-Stock Show has done, and is doing, more to fix in the minds of stockmen higher standards of excellence for the improved breeds of live stock than probably any other one factor in America. It gives not only an opportunity to examine the highest types of animals, but the enthusiasm and inspiration that comes from the association of the best live-stock men of the country is one of the most important results of this animal show."

"The stockmen of America are certainly fortunate in having secured the cooperation of the Union Stock Yards corporation in establishing this great show upon a successful basis. The magnificent amphitheater now being constructed will give to this show one of the finest show buildings in the world."

Professor Kennedy, in charge of animal husbandry at Ames, Iowa, says:

"The International Live Stock Exposition is the greatest live stock educational institution in America. It is the one place where the best specimens of the various breeds of horses, cattle, sheep, and swine may be seen. To the man who is interested in the production of market animals, this show affords the greatest opportunity available to study the very highest types. Here he can see the animals on foot and later on the carcasses on the hooks. This is something which every feeder should see and study."

"Nowhere else in the world is there a show of carload lots of fat cattle that can compare with that of the International Live Stock Exposition. It is the people's show."

"As an example of enterprise on the part of a large corporation, the International stands alone. It was started by the Union Stock Yards Company and maintained by them until the breeders and farmers of the country

could complete an organization to carry on the same. In so doing the Union Stock Yards Company displayed a generosity which in live-stock circles has no precedent. Now they are outdoing themselves by the erection of the largest and most complete set of buildings in which to house the show that are to be found in any part of the world. The farmers and stockmen have in the past shown their appreciation of the same by their exhibits and attendance at the animal shows. In the future they should and will show a much greater appreciation by bringing out more and better animals and by visiting the exhibition in thousands from all parts of this great commonwealth."

The railroads will encourage the work of this exposition by lower rates than ever.

## The American Breeders' Association.

The American Breeders' Association will hold its second annual meeting at Lincoln, Nebraska. Arrangements have been made for a three-days session on Wednesday, Jan. 17, Thursday, Jan. 18, and Friday, Jan. 19.

The American Breeders' Association will be the guest of Nebraska's numerous agricultural societies which meet together at Lincoln during "Agricultural Week." Several of the sessions will be held jointly with one or more of the State societies interested in animal and plant-breeding.

Many leaders in animal and plant-breeding are being secured for the program and the large attendance during Nebraska's "Agriculture Week" will be increased by many from other States.

Breeders of animals and breeders of plants, scientists, experimenters and students interested in breeding and heredity, the agricultural press and every agency devoted to the advancement of agriculture should not neglect this opportunity to get in touch with and be a part of this vigorous organization by being present at these meetings. Its annual report and directory was recently published and sent to all members.

Lincoln, Nebraska, is accessible by rail from points north, south, east and west, and reduced railroad rates are being provided. Information regarding railroad rates and local accommodations can be had by applying to the chairman of the local committee, Dr. A. T. Peters, Lincoln, Nebr., or the secretary of the American Breeders' Association, W. M. Hays, Washington, D. C.

## The J. Crouch & Sons' German Coach Horses.

In order to better accommodate the tremendous demand for German Coach horses in the West, the great firm of J. Crouch & Son, owners of the Lafayette Stock Farm, Lafayette, Ind., have opened up a new department at the stock yards at Kansas City. They have acquired one of the enormous brick horse barns on Genesee Street and hereafter will be able to show their horses to visitors from the territory adjacent to Kansas City in a better manner than when they were compelled to depend upon their department at Sedalia, Mo., only. Next week the Kansas Farmer proposes to give an illustration of the home barns of this great importing and breeding firm and to give some facts relating to the history of the German Coach horse which is the real type of coach-horse in this country.

## The Armour-Funkhouser Hereford Sale.

On December 12 and 13 Chas. W. Armour of Kansas City and James A. Funkhouser of Plattsburg, Mo., will hold another of their epoch-marking Hereford sales, at the Kansas City fine-stock pavilion. The Herefords contributed by Mr. Armour are largely imported animals or directly descended from such and stand at the head of their kind in the United States. Those contributed by Mr. Funkhouser are largely of his own breeding but together make up one of the most famous herds in the United States. Together these two herds afford the finest opportunity that could be presented to buyers interested in Herefords. Either one of the consignors will take pleasure in sending a catalogue if you will mention the Kansas Farmer and write them. Their advertisement appears on page 1183.

## Last Call for Sale of Imported Stallions at Lincoln, Neb.

This is the last announcement that will appear in this paper for the forthcoming great horse event of Watson, Woods Bros. & Kelly Co., who will inaugurate a new departure in the sale of imported stallions. This firm positively state that there has never been in the United States an offering of this number of strictly first-class imported horses at public auction, and this firm state that they will be entirely satisfied and consider this first sale a great success if they can only realize their original investment and expenses. The offering comprises 75 horses that have been imported by the firm within the past six months. Notice their first-page illustration and advertisement in this issue, and if you have not received catalogue, don't fail to do so and mention Kansas Farmer.

## Geo. Allen's Kansas City Sheep Sale.

The public sale of registered Shropshire ewes owned by Geo. Allen, of Lexington, Neb., and sold at public auction at the sale pavilion on November 16, 1905, was a creditable offering and a successful sheep event. Two hundred and ninety-nine head sold for \$5,245, an average of \$17.54. The yearlings and 2-year-olds averaged better than \$20. The sheep were sold in lots of three and the first lot sold, consisting of two yearlings and one 2-year-old ewe and bred to Imp. Monarch, averaged \$65 each, and went to Blood, Gerkin & Hart, Butler, Mo.

This sale was the first offering of sheep at auction and especially at Kansas City for many years, and the way the buyers from Kansas and Missouri bid up fair values would indicate that this territory appreciates good sheep and will pay fair prices. The bulk of the sales with the exception of lot 1 sold for from \$15 to \$38 each. The list of buyers at this sale are as follows: A. L. Ball, Edna, Ill.; J. W. Elliott, Kingston, Mo.; L. M. Monsees & Sons, Smithton, Mo.; J. C. Wilson, Bethany, Mo.; W. P. Flannery, Mastin, Kans.; A. J. Rymph, Harper, Kans.; J. L. Warner, Long Creek, Kans.; W. D. Reynolds, Pattonsburg, Mo.; J. A. Ucker, Sibley, Mo.; Geo. Hague, Holton, Kans.; G. C. Daly, Maple Hill, Kans.; J. E. Musselman, Medford, Okla.; J. P. Honner, German City, Mo.; A. Lancaster, Liberty, Mo.; W. O. Bell, Arkalon, Kans.; Wm. Swiney, Chilhowee, Mo.; I. L. Gilbert, Sarcokle, Kans.; E. S. Ayers, Edgerton, Kans.; T. Rallsback, Bray-

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A Safe, Speedy, and Positive Cure  
 The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.  
 THE LAWRENCE-WILLIAMS CO., Cleveland, O.

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and it remains today the standard treatment, with years of success back of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails. Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in Fleming's Vest-Pocket Veterinary Adviser. Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.  
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Stocks of merchandise of all kinds bought and sold. Can handle your business anywhere in Kansas.  
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My own direct importation, personally selected. No middleman's profits. All blacks or dark greys and all "ton" horses, with best of feet and legs. You save \$1,500 to \$2,000 on every horse you buy from me. Everything absolutely guaranteed. Barn in town. Also English bull pups for sale at one-half price. T. J. Miller, Kirksville, Mo.

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**\$3.50 A BARREL**

You will find it a better machine oil than anything you have been buying for 35 cents to 45 cents per gallon. Premium Oil is a natural oil, greenish black in color. There is no made oil that is superior to Premium Oil for engines, shafting, shops, elevators, thrashing machines and farm machinery. It will not GUM, has good body, is not affected by hot and cold weather as most oils are. If a farmer, you say you won't need as much as a barrel. Get your neighbor to take half of it. But remember \$3.50 for a 50-gallon barrel, and the empty barrel is worth at least one dollar; gives you oil at less than 6 cents per gallon at your railroad station. If within 300 miles in Kansas freight will not be over 75 cents per barrel. Sample sent on request.

T. C. DAVIS, Benedict, Kans.

Benedict, Kans., August 26, 1905.  
 I have this day sold my interest in K. C. Dailey & Co. to T. C. Davis, who will hereafter conduct the business in his name. Signed, K. C. DAILEY.

# Moore's Car-Sul Dip

**For Hogs, Cattle, Sheep and All Kinds of Live Stock.**

Positively guaranteed to kill lice and ticks, cure mange, canker, ringworm and all parasitic skin diseases, without injury to H. D. RICKENBERG, Sec'y, Rosette Stock Dipping Co., Write to: eyes, skin or hair. Unequalled for healing cuts, galls, wounds or sores, and for the prevention of disease. Our guarantee means exactly what it says: If Car-Sul in cans sealed with our label, fails when used according to the simple directions

Gentleman:—The Rosette Stock Dipping Co., are highly pleased with the results obtained by dipping in Car-Sul. We think our cattle are a month ahead, in putting on flesh, of what they otherwise have been. The dipping has not injured cows heavy with calf, for no one had any loss to report. We dipped some cattle for outsiders; among them was a man who had range itch in his herd, and he told the manager of the Dipping Company to be sure and let him know when he would dip this fall, for he wanted his cattle dipped again if Car-Sul was used

**YOU GET YOUR MONEY BACK.**  
 Car-Sul is used and endorsed by leading breeders, stockmen and farmers everywhere. Don't take an inferior imitation; save money, time and labor by using Car-Sul, the guaranteed dip; made by the originators of the hog dipping tank. Without question the strongest and most economical.

Trial gal. \$1.50 at dealers or direct, express prepaid. Five gal. can \$6 freight prepaid.

Send for Free Book—"Facts for Stockmen," full of suggestions and price list of dipping tanks.

MOORE CHEMICAL & MANUFACTURING CO., 1503 Genesee St., Kansas City, Mo.



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The snap you have been waiting for—only one man gets it—320 acres of choice wheat land in the Milestone district of Assinibolia five miles from station, good water. Write for list.

**E. L. CAMP.** 511 Guaranty Bldg., Minneapolis, Minn.

## FARMS AND SMALL TRACTS

\$210 will buy 2 acres bottom land joining city on east with 4 room house, barn, chicken house, all varieties fruits and berries. Rec. 321.  
\$7,500 for quarter section one mile from small town near Topeka, 45 acres cultivated, balance pasture, meadow, small orchard; 6 room nearly new house, good barn, sheds, etc. Rec. 343.  
\$40 per acre for 80 acres on free delivery route from Dover, all smooth land, 50 acres cultivated, good 5 room house and barn. Rec. 548.  
\$60 per acre for 146 acres in Jackson County, nearly all in timothy and clover, good house, large barn, hog lots, corrals, hen houses, sheds, orchard, berries, everything in fine condition. Rec. 535.  
\$3,500 for fruit farm near Topeka, 10 acres all in fruit, berries, grapes, 8 room house, barn, fruit packing house, poultry house. Rec. 90.  
\$6,400 for quarter section 3 miles from Harveyville, Wabunsee Co., extra fine land, 180 acres cultivated, 4 acres orchard, good 6 room house, large new barn, cornerbills, poultry house, sheds, etc., never-falling water, fine grove forest trees, a bargain at \$6,400. Rec. 545.

We have a very large list of farms in Shawnee and adjoining counties, all sizes, all prices and terms to suit the purchaser. We make loans on improved farms at low rates.

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## E. McDaniel's Fourth Annual Sale

—OF—

# Poland-China Hogs,

Cherryvale, Kans., Dec. 2, 1905.

## 50-----Well-Bred and Good Individuals-----50

Consists of one yearling and 16 spring boars, 33 sows and gilts either bred or with pigs at side sired by such boars as Chief Perfection 3d 25304, Goldie's Black Chief 34603, Diplomat 87313, Kansas Sunshine 30444, Peerless Perfection 33155, Black Chief Perfection 28527, Eclipsed Rival 27217, etc., and are bred to such boars as Sunshine Chief 23465, Eclipsed Rival 27317, Truant Boy 26562, and Peerless Perfection 33155. We think this a very desirable offering, and cordially invite every one interested in good hogs to be present sale day, and promise our best endeavor to entertain and give you a good time whether you buy or not. Menard & Son, of McCune, consign 10 head of the offering. The sale under cover where every one can be comfortable. No postponement. Terms 8 months 8 per cent. Write at once for catalogue to

**E. McDANIEL, R. R. 7, Parsons, Kansas.**

Auctioneers: Jas. W. Sparks, Marshall, Mo., and John D. Snyder, Winfield, Kans.

# Holstein-Friesian Cattle Sale

I will hold my second sale at the State Fair Grounds at

**Topeka, Kansas, Wednesday, November 29, '05**

at 1 O'clock p. m.

## 50-HOLSTEIN-FRIESIAN CATTLE-50

The offering consists of cows and heifers and a few bulls. A number of the cows are fresh, the others due soon, bred to my herd bull, Shady Brook Gerden Sir De Kol 130479. Nine of his nearest female ancestors average a seven-day butter record of 26 pounds. The cows of the offering, three excepted, are from 2 to 7 years old, and bred to the herd bull. There will be a few non-registered cows suitable for high class dairy stock, representing the best families of the breed. Send for catalogue to

**H. N. HOLDEMAN, - - Girard, Kansas**

Auctioneers: Coles, Sparks and Fisher.

mer, Mo.; A. S. Ireland, Mooresville, Mo.; T. A. Atchison, Pawnee, Neb.; V. DeDonder, St. Marys, Kans.; J. O. Shull, Lawson, Mo.; I. F. Riggs, Weatherby, Mo.; R. B. Bronall, Pleasant Hill, Mo.; E. G. Post, Urbana, Ohio; D. W. Lish, Markle, Ind.; A. H. Carter, Texas, Mo.; Geo. W. Martin, Lawrence, Kans.; J. W. Elliott, Calliston, Mo.; C. B. Burnham, Rosedale, Ohio; Cedar Lawn Stock Farm, Lee's Summit, Mo.

### An Ideal Shorthorn Establishment.

Beautiful Alysdale Farm has within the past year become the Mecca for Shorthorn visitors to the Capital city. Every visitor who calls on the courteous owner, C. W. Merriam, and enjoys a visit to Alysdale Farm never ceases to tell glowing tales of the ideal belongings of this establishment and hails with gladness the opportunity to visit the place again. The Alysdale establishment is ideal because of its owner, its ideal cattle, its ideal conveniences, and one is thoroughly impressed that from such surroundings nothing but improved results will be obtainable. The Green Tree Lodge, the barn and other conveniences, the picturesque Shunganunga Park, formerly a thicket, now a languishing park famous for its English blue-grass, variety of trees and general rustic elegance.

The foundation stock of this herd, which is not large, came from the most famous herds of Kansas and Missouri, notably T. K. Tomson & Son, T. P. Babst, Andrew Pringle, and Chas. E. Leonard, of Missouri.

The herd is headed by the great Cruickshank bull, Prince Consort 187008. He was sired by Imp. Prince of Perth and out of an own sister of Lavender Viscount, which for two years was the champion Shorthorn bull of America.

At the present time the best things Mr. Merriam has to offer for ready sale are four young bulls known as Mayor of Alysdale, Knight of Alysdale, Prince of Alysdale and Master of Alysdale. The latter is a young show-calf. The others are of serviceable age suitable to go out and head some herd, and are sired by such bulls as Babst's Lord Mayor, and the Tomson-bred bull Proud Knight. All requests for detailed information will receive prompt attention from the proprietor, C. W. Merriam.

Don't forget J. R. Cooper & Son's sale of Poland-Chinas at Winfield, November 28, at which time they will sell a very select draft from their Walnut Valley Herd of especially well-bred animals of individual merit. The females of the offering are of especially good quality and will be bred to the great breeding Sunshine boar, Mellow Sunshine, he by Perfection Sunshine, the highest-priced Sunshine boar ever sold, and considered by many, the best son of Ideal Sunshine. This cross should prove an exceptionally good one and in the boar part of the offering will be found a number of the herd-header type, with breeding good enough to be used anywhere. If you have not a catalogue, write at once to J. R. Cooper & Son, Winfield, Kans., for one.

In E. McDaniel's sale at Cherryvale, Kans., will be sold a choice offering of Poland-Chinas, consisting of bred sows, gilts, and young boars. Among the good ones that deserve especial mention we wish to call attention to Silky Perfection, the highest-priced sow that ever sold in Linn County, which will be sold with a choice litter and would attract attention at any sale; another Kansas Black Chief sow with a litter of eight sired by a son of Chief Eclipse, he by the famous Missouri Black Chief; a Kansas Sunshine sow bred to Peerless Perfection, and other extra Peerless Perfection sows bred to Sunshine Chief, and other especial attractions that we would like to mention. Many animals in the sale would be fit for show. Menard & Son, of McCune, are consigning 10 choice animals to the sale. This is Mr. McDaniels' fourth sale and he says it is by far the best offering he ever put before the public, and he is making every effort to make the sale such that will be appreciated by all good breeders and lovers of good stock. He extends a cordial invitation to breeders and farmers to be in attendance. Visitors from a distance will be entertained free. The sale will be held in Clottelers & Sons' barn, where all will be made comfortable. Write at once to E. McDaniels, R. R. 7, Parsons, Kans., for catalogue and information of sale stating that you saw the advertisement in the Kansas Farmer.

The Poland-China buyer's opportunity for 1905 will be made manifest at the dispersion sale on December 12, 1905, by J. H. Cutter, of Junction City. The Glenwood Herd has been a popular resort for discriminating buyers of Poland-China swine and this offering of 55 head of bred sows and gilts including several extra boars, will certainly attract buyers. The Kansas Farmer representative on a recent visit found the stock in a most excellent condition. The gilts are very large and growthy and some as fancy as can be shown anywhere. The brood sows were suckling litters but both pigs and dams showed that high quality that has made Glenwood so popular. Our representative predicts for Mr. Cutter an excellent sale. Write for catalogue and mention Kansas Farmer.

# GOLD COIN Hog Food FREE

ASK YOUR DEALER OR WRITE US TODAY  
Keeps your herd healthy, Saves the young hogs, Quickly Fattens, Stimulates Growth, Aids Digestion, Prevents Cholera and Over-Heating from new corn, Expels Worms. It is a Scientifically Prepared Hog Food. Paying results guaranteed or no pay. Send your name and address and trial package will be sent Free. For particulars address Dept. 35

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104-106 E. Fifth St. ST. PAUL, MINN.

6 FEEDS FOR ONE CENT.

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Genuine  
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To quickly introduce the Celebrated Electric Balm Toilet, Bath and Complexion Soap we offer these rare and expensive Calendar Watches ABSOLUTELY FREE to every one answering this advertisement. We also send package of Soap. Enclose Stamp for postage. Address, Standard Soap Works, New York City, P.O. Box 105 Dept. 190A

## 11 1 2 Cents Per Lb.

Guaranteed for Green Salted

# HIDES.

1 1/2 Cents Less on Green Frozen Hides, Green Salted.

If the market is higher on the day your hides are received, we will pay exact market price. But we guarantee at least these prices on salted or frozen cow and steer hides for months of November and December. This absolutely protects you even if the market drops. Also ship us any other hides, furs, tallow, etc.

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We sell hunters' and trappers' supplies cheap to encourage you to ship to us.

Ship hides and pelts by freight; ship furs either by freight or express.

Write for free price lists, gun and trap catalogue, and best instructions how to take off hides and furs to get highest cash prices.

We are old and reliable (established 1890). If you ship, tell us where you saw this offer. Be sure to put your address as well as ours on the shipping tag.

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## THANKSGIVING DAY RATES

To accommodate holiday travelers a rate of one fare and one-third for the round trip to points within 200 miles of starting point, has been generally placed in effect by the

## UNION PACIFIC

Dates of Sale, Nov. 29th and 30th, with final return limit Dec. 4th.

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F. A. Lewis, City Ticket Agent.  
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Also Five Year Diaries. Address  
**Chas. H. Allen Co., Rochester, N. Y.**



## The Young Folks

CONDUCTED BY RUTH COWGILL.

### Is It You?

Some one's selfish, some one's lazy;  
Is it you?  
Some one's sense of right is hazy;  
Is it you?  
Some one lives a life of ease,  
Doing largely as he please—  
Drifting idly with the breeze;  
Is it you?

Some one hopes success will find him;  
Is it you?  
Some one proudly looks behind him;  
Is it you?  
Some one full of good advice  
Seems to think it rather nice  
In a has-been's paradise—  
Is it you?

Some one trusts to luck for winning;  
Is it you?  
Some one craves a new beginning;  
Is it you?  
Some one says: "I never had  
Such a chance as Jones' lad,"  
Some one's likewise quite a cad—  
Is it you?

Some one's terribly mistaken;  
Is it you?  
Some one sadly will awaken;  
Is it you?  
Some one's working on the plan  
That a masterful "I can,"  
Doesn't help to make the Man—  
Is it you?

Some one yet may "make a killing";  
And it's you.  
Some one needs but to be willing,  
And it's you.  
Some one better set his jaw,  
Cease to be a man of straw,  
Get some sand into his craw—  
And it's you.  
—Baltimore American.

### Burgos.

ANNA MARIE NELLIS.

After consulting our map and time-tables, we found that, instead of returning to Madrid from Segovia, our party could save a full half day if we were to go on to Villalba and remain there over night, catching the "express" from Madrid early the following morning. I had never heard of Villalba except that it was a railway junction—a kind of "Holliday-on-the-Santa Fe"—only instead of wanting to go to Leavenworth, we wanted to start north for the city of Burgos.

I had concluded that as Villalba was a railway junction, there would surely be a hotel, or some place where we could spend the night, but about 7 o'clock in the evening when we arrived, we found a woe-begone appearing place, indeed. Our chaperon, Mrs. W., of Boston, said: "I thought as much, not a hotel in sight, and no more trains to-night." It surely did look very unpromising for our comfort—a small station house, and a few small houses, a few rods away, denoting a small village, a quite small one at that. A few natives were idling around the station, but my experience accumulated in Spain, did not encourage me to waste much time or words in asking them where to go.

I hunted up the "chef-de-gare," or in English, the station master, and he is called in Spain, "Jefe-de-Station." This gentleman was very courteous, and told us that there was no hotel here; but across the way was an "inn" where travelers sometimes stopped over night; so calling a boy to carry our "grips," he showed us the way.

Mrs. W. gasped when she saw the "inn," a small general store, below a general dining room, where the family and maids were eating at the same table. We had no choice, so we cheerfully accepted the situation, that is, as cheerfully as we could. The landlady gave us what would be the "bridal suite" at the St. Regis, or Waldorf-Astoria—two bed rooms with a sitting room between, which had a small balcony; but that is not rare, for everything except the barns in Spain have balconies. The rooms appeared quite clean, to be sure, but from my experience in different Spanish towns, I was not led to be very hilarious over the fact, believing that garlic, fleas and other blessings always will make themselves manifest in that glorious, glittering country.

The landlady fairly bristled with pride as she showed us these very beautiful (?) apartments, and said that dinner was ready, and would we

come right down. I told her we all had headache, and would she send our dinner up to our rooms, as we hardly felt able to come down to the dining room. She looked quite disappointed, as I know she wanted the remainder of the household to see the queer foreigners. After she left we began an inspection of the rooms; we found not a bolt or lock, so we began to barricade the bed-room doors by putting every movable object against them. Mrs. W. and one of the others of our party were quite sure we should be robbed and murdered, and no one of our friends knew where we were. It was very bad, of course.

It was about 8 o'clock when Lorrita (the maid) brought our dinner in; and just then all the bells in the little town began to ring as though for a Fourth of July celebration, or some other solemn occasion. I asked the girl what was the cause for all that music and she said she did not know. I then remembered that as we were leaving Madrid, the day before, we saw the royal train being scrubbed, and that we had been informed it was to go to Saint Sebastian; so I concluded that King Alphonso XIII was simply riding by.

I said I was going to the station to see the fun, but Mrs. W. vowed that three Kings and a couple of queens could not induce her to go out again that night, as she knew we would be slugged and robbed for the entertainment of the innocent villagers. So leaving one of our party to comfort the old lady, the rest of us sallied out and hastened to the station, and sure enough there was the royal train and about all the villagers collected on the platform to wish "his Majesty" good evening.

We had seen all the royal family in Madrid several times, but here we had a most excellent opportunity to view them some more. We stood right beneath the car windows, which are lower down than on American cars, and right before us sat His Royal Highness, and his window was open. We said in our very best English: "Good evening, your 'Majesty,'" and he looked up as though very much pleased at hearing English spoken. He took off his cap (he was in dark blue uniform as captain of the guards) and said: "Good evening," and was evidently about to talk some more when the train started; and now I shall never know what he was going to say, but I shall remember with pleasure my evening conversation with a king or so. However he laughed and waived his cap to us. The peasants all cheered and the train passed out into the darkness.

With the King were two officers, dressed in the uniform of the same regiment as the King. In the next car were the queen mother (short and very homely), the King's only sister (now engaged to the Bavarian prince royal), the Infanta Eulala (who was at Chicago in 1903), aunt of the King, and several "ladies in waiting," all dressed in the latest Parisian fashions. They all looked at us curiously to see three American ladies at this little, out-of-the-way place, surrounded by a group of Spanish peasants.

Our way back to our "hotel" was somewhat of a triumphal march; as now that the King and his folks were gone we came in for all the polite attention the crowd were able to bestow. I know they had never seen Americans before, except as some may have passed through on the cars. We however reached our rooms safely, and found Mrs. W. on the balcony. She said she had not moved for fear some one might hear her and come up and rob her and strangle her; so she had remained on the balcony in order to be able to scream to the best advantage in case of molestation, and be heard by us at the depot. We laughed a couple or three times at her troubles, for we had traveled somewhat before, and felt pretty sure we were just as safe as we could be at the best hotel in Pottawatomie County, Kansas.

The night passed off all right, but it was a "season of horrors" for Mrs.



## THE YOUTH'S COMPANION FOR 1906

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Every member of the family has a share in the entertaining and informing reading which *The Companion* brings into the home every week. The fifty-two issues of the 1906 Volume will bring to the subscriber

7 SERIAL Stories, each if bound equal to a \$1.25 volume.	250 CAPITAL Stories by the most entertaining writers of fiction.
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Who cuts out and sends at once this slip (or mentions this publication) with \$1.75 for *The Companion* for the 52 weeks of 1906, will receive

## FREE

All the weekly issues of *The Companion* for the rest of 1905. The Thanksgiving, Christmas and New Year's Double Numbers. The "Minutemen" Calendar for 1906, in twelve colors and gold. As much reading in the year as would fill twenty octavo volumes.

\$12,000 will be shared equally by *Companion* subscribers who secure five other new subscriptions. Send for information. E 89

THE YOUTH'S COMPANION, BOSTON, MASS.

W. We had just gotten asleep when a "merry-go-round" across the way, began to squeak out its music as it rejoiced the hearts of some merry children enjoying an evening entertainment. When that music ceased, old Uncle Morpheus had kindly closed our eyes in peaceful sleep. At 1 o'clock we were awakened by a most "unearthly" scream; we rushed to Mrs. W.'s room, "struck a match," and found her remarking sundry things about burglars, etc. When the candle was lighted the tableau that greeted our eyes disclosed Mrs. W. standing up in bed, grasping a "Toledo blade" of a sword cane we had purchased in Toledo few days before. It was a funny spectacle, and by this time the entire household had rushed up to see what was the trouble. The cause of it all was a poor cat that had strayed into the room, and caused Mrs. W. to mistake it for a burglar.

The next morning, July 8, we were off again, northward, and soon arrived at the old city of Burgos, on the river Arlanzon. I call it an old city, though when it was first begun the city of Toledo was very old and grey-headed. Burgos cannot brag of any greater age than it has accumulated since December 844, for about that time it began to be, and is now only 1061 years of age. It is near the foothills of the Sierra de Oca mountains and is 140 miles north of Madrid. It was formerly the capital of old Castile, and it has many very old and quite queer buildings, a minute description of which I must not undertake. This old city was the capital of all Spain until about fifteen hundred and something when it was removed to Madrid. You see Spain has been troubled about its capital location, a good deal like Rush County, Pottawatomie County and other counties in Kansas have been afflicted concerning the county seat locations; the principal difference being in the fact that in Kansas the whole people (that is,

the intelligent ones, the men) vote on the matter and locate the court house as the majority, or ring, decide, while in Spain the King himself moves the court as seems best to him at any time, or as his rheumatism may dictate. The most remarkable edifice in the city is the cathedral, built of white marble, and was begun in 1221, by the Moors, those bad people, who built so splendidly. This cathedral, is considered "the noblest specimen of Gothic architecture in Europe."

Possibly the city of Burgos is more renowned as the birthplace of "The Cid" than for any other ordinary thing. Cid, or Seid an Arabic word, means a leader, or lord; and the particular Cid in question was born in Burgos in the year 1040, in June, or some other month of that year. He was considerable of a leader or lord, and was called El Campeador (the champion). He was a Castilian by birth, and his baby name was Rodrigo Diaz de Bivar. His wife's name was Donna Xiemna, a relative of King Alfonso VI, who ruled Spain in those times. "The Cid," himself, became somewhat of a King, and ruled Valencia in 1094 till he died in 1099. Don't mistake this Valencia for the big city located about twelve miles west of Topeka on the Kaw River, and C. R. I & P. R. R., for this Valencia is a big place in Spain, and was named after the Valencia in Shawnee County, or the Shawnee County Valencia was named after this Valencia. In fact, you better ask an older person than I am, for I don't know.

The Cid was buried in Burgos, and his bones we saw in a common walnut urn, with glass front, located in a room fitted up as a chapel in the town hall. My happiest memory of Burgos will be our visit to the cathedral, for as we were listening to High Mass (it being Sunday), amid a host of Spanish people, we saw the faces of two of our near neighbors in Ameri-

(Continued on page 1182.)



## For the Little Ones

### How the Leaves Came Down.

"I'll tell you how the leaves came down,"  
The great tree to his children said:  
"You're getting sleepy, Yellow and Brown,  
Yes, very sleepy, little Red,  
It is quite time to go to bed."

"Oh!" begged each silly, pouting leaf,  
"Let us a little longer stay;  
Dear Father Tree, behold our grief!  
'Tis such a very pleasant day,  
We do not want to go away."

So, just for one more merry day  
To the great Tree the leaflets clung,  
Frolicked and danced, and had their way,  
Upon the autumn breezes swung,  
Whispering all their sports among.

"Perhaps the great Tree will forget,  
And let us stay until the spring,"  
If we all beg, and coax, and pet."  
But the great Tree did no such thing,  
He smiled to hear their whispering.

"Come, children, all to bed," he cried;  
And ere the leaves could urge their prayer,  
He shook his head, and far and wide,  
Fluttering and rustling everywhere,  
Down sped the leaflets through the air.

I saw them; on the ground they lay,  
Golden and red, a puddled swarm,  
Waiting till one from far away,  
White bed clothes heaped her arm,  
Should come to wrap them close and warm.

The great tall tree looked down and  
and smiled.  
"Good-night, dear little leaves," he  
said.

And from below each sleepy child  
Replied, "Good-night," and murmured  
"It is so nice to go to bed."

—SUSAN COOLIDGE.

### The Turtle and the Stairs.

Two small boys brought a turtle  
home one day and put it in their nurs-  
ery closet, hoping to frighten their  
nurse when she opened the door to  
hang up their clothes.

They went out for a romp on the  
lawn, and when they came in the nurs-  
ery closet door stood ajar but Mr. Tur-  
tle was nowhere to be seen. They  
asked the nurse if she had "seen any-  
thing," but she "looked them in the  
eye" and said "no," so they knew she  
was telling the truth. They searched  
the hall, and every room on that floor,  
without finding a trace of the missing  
creature.

Just as they were about to give up,  
a screech from the region of the kitch-  
en sent them helter-skelter in that di-  
rection. There stood the indignant  
cook, who had just come in from a  
tete-a-tete with the next door waitress.  
The butcher boy had set the market  
basket on the kitchen floor. In the  
corner of the basket a small hole ex-  
posed an inviting bit of steak, and  
there stood the turtle nibbling like a  
toothless old man.

No one could tell how the turtle got  
into the kitchen, so, in search of an  
explanation, the boys carried it up and  
set it at the top of the stairs. The tur-  
tle walked to the edge of the step,  
crept part way over the brink, then  
quickly drawing in its head, feet and  
tail, tumbled down to the step below.  
Here it walked to the edge, as before,  
then bumped down to the next.

The boys shrieked in delight, and

when the turtle reached the bottom it  
crawled off toward the kitchen, none  
the worse from wear.—Exchange.

### A Little True Story.

Edna was naughty one day, very  
naughty indeed for such a little girl as  
she is. I do not like to tell about it.  
In the first place, she did not mind,  
and then she struck her mamma. Only  
think of it!

Mamma looked at her little daughter  
sadly. "You must go in the closet and  
stay there until you can be a good  
girl," said she.

Then Edna began to cry as loud as  
she could cry, but she took her little  
cricket and went into the closet just  
the same. It was a dark closet when  
the door was shut, but mamma didn't  
quite shut the door. Edna kept on  
crying, however.

"My child," said mamma, pretty  
soon, "I want you to be more quiet."  
Naughty Edna cried all the louder.  
"Didn't you hear me?" said mamma.  
"I want you to stop crying this min-  
ute." But Edna didn't pay the least  
bit of attention. She went on crying  
even louder yet, if such a thing were  
possible. Mamma hardly knew what  
to think, because, you see, Edna is  
usually a very good little girl.

Then mamma began to count slowly.  
"One, two, three, four—"

But before she got to ten something  
funny happened. The old gray kitty,  
which had all this time been lying  
quietly before the fire, suddenly  
jumped up and walked straight into  
the closet. She caught Edna's wrist  
between her fur paws and bit and  
scratched it—not very hard, of course,  
but quite hard enough to surprise and  
frighten the little girl into keeping as  
still as a mouse for as much as a min-  
ute. Then the old kitty walked back  
to the mat before the fire and curled  
herself down for another nap, and not  
until then did Edna find her voice again.

"O, mamma!" sobbed she, "O, mam-  
ma, I will be good!"

"Very well," said mamma, trying  
hard not to smile; "you may come  
out."

So out of the closet the little girl  
came, and rushed straight into mam-  
ma's arms.

"I—I will be good," she sobbed  
again; but—but I don't want that old  
cat bossing me' round all the time,  
mamma!"

Mamma laughed then; she couldn't  
help it.

"Then you mustn't be naughty,  
dear," she said.—Selected.

### When the Stars Fell.

Almost historic is the remark of the  
awe-stricken lad who, while observing  
a great meteoric display years ago,  
turned his eyes to a familiar corner of  
the heavens after an especially bril-  
liant flight of meteors, drew a long  
breath and gasped:

"Well, the old dipper's still there,  
anyhow!"

Much more recently a similar spec-  
tacle, although in this instance a dis-  
play no greater than is ordinarily

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looked for in August skies, disturbed  
the tranquility of a little girl whose  
father, an enthusiastic amateur as-  
tronomer, had taken her up on the  
roof with him to see the sight. He  
expected her to be delighted with the  
shooting stars, but he soon observed  
that her expression was scarcely a  
joyous one.

"What is it, Ada?" he asked her.  
"Don't you like to watch them? Aren't  
you enjoying yourself?"

"Ye-es, papa," she answered du-  
biously, conscientiously trying to har-

monize the dictates of politeness and  
truth. "At least I suppose we can  
spare the stars, and I think I might  
enjoy it if only you can give me your  
word we are sure of the moon."—Bos-  
ton paper.

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We've got an organ in the church—very finest in the land; It's got a thousand pipes or more; its melody is grand. And when we sit on cushioned pews and hear the master play It carries us to realms of bliss unnumbered miles away. It cost a cool three thousand, and it's stood the hardest test. We'll pay a thousand on it—the Ladies' Aid the rest.

They'll give a hundred sociables, can-tatas, too, and teas; They'll bake a thousand angel cakes and tons of cream they'll freeze. They'll beg and scrape and toll and sweat for seven years or more, And then they'll start all o'er again for a carpet for the floor. No, it isn't just like digging out the money from your vest When the Ladies' Aid gets busy and says: "We'll pay the rest."

Of course, we're proud of our big church from pulpit up to spire; It is the darling of our eyes, the crown of our desire. But when I see the sisters work to raise the cash that lacks, I somehow feel the church is built on women's tired backs. And sometimes I can't help thinking when we reach the regions blest That men will get the toll and sweat, and the Ladies' Aid the rest.

—Church Herald.

### If I Were a Girl Again.

Lucy Elliot Keeler in "If I were a Girl Again" (Revell).

If I were a girl again—if some benignant fairy should touch me with her wand and say, "Be a girl again," and I should feel bursting over me the generous impulses, the enthusiasm, the buoyancy, the ambition, that belong to sixteen—some things I should do, and some things I should not do, to make me at fifty the person whom now at fifty I should like to be.

First of all, I should study self-control—the control of body, of speech, of temper; a power best learned in youth before the current of habit has deepened the channel of self-will and impetuosity that seems to be cut in every human heart. I should count one hundred, like Tattycorum, before I would allow myself to utter unkind, impulsive words; I should scorn to burst into tears because of some petty correction or grievance; I should learn to sit quietly, to close a door gently, to walk calmly, even when my thoughts were boiling within me.

I should shun, if I were a girl again, the tendency to be sensitive and suspicious. Because my friend talks to another person, or because a group of acquaintances seem to be enjoying themselves apart from me I should not fancy myself neglected. I should not construe thoughtlessness into intentional slights, nor abstraction into indifference. I should say oftener to myself:

"My friend did not see that I was here; she has not heard of my return; she is busy with her music; she is tired after her journey. I will trust in her friendship, just as I would have her trust in mine."

If I were a girl again, I should be more careful about my conversation. I should beware of slang and gossip and a tendency to drop into silence. I should avoid sarcasm like the plague, remembering that the person who uses it shows her sense of her own inferiority. Nobody ever had so many enemies as Disraeli; and it is to be remembered that sarcasm was his most powerful weapon. I should practice the art of such gay repartee as is free from satire and unkindness, learning to tell a story well, and to dwell upon what is kindly and happy. I should be more ready to express my appreciation and thanks for services

rendered; be quicker with my praise and tardier with my criticism. I should cultivate a distinct enunciation, enlarge my vocabulary and remember Lord Chesterfield's dictum "never to utter one word, even in common conversation, that should not be the most expressive with which the language could supply him."

These things I should do if I were a girl again. But suppose I have passed my girlhood! Suppose I am thirty! Still, shall I not at fifty wish that I could retrieve the past twenty years? Should I not employ them differently? Again, say I am fifty. At seventy could I not better use those precious years of preparation? There is always a golden age, soon to be behind us, which at every period of our life is before us—just as tomorrow's yesterday is still to-day. So we may all take courage. It is never too late to mend.

As to language, too, a boy will inevitably bring home from his first years at school—public or private—an assortment of words not welcome to the parental vocabulary. But it is much better that he should offend in this way, now and then—if only that his family may know what sort of words he is using—than that the first criticism he meets should be so sharp as to drive him to the deliberate adoption of two different styles of talk, one for home, the other for the street. Older people forget how many experiences have combined to teach them the distinctions, which seem so simple now, between "nice" and "not nice," and they visit on ignorance such reprobation as really belongs only to depravity.

Similarly, the instinctive recoil of an older person's delicacy from what seems a too bold and free discussion of subjects intimate or sacred, if it is betrayed, is likely to drive the child back upon unsuitable companions for the gratification of a natural curiosity. Children's crude questions about the sacrament of the Lord's Supper often fall jarringly on the maturer ear. Their bluntly expressed interest in physiological matters is even more offensive. And yet, to speak clearly and delicately about the mysteries of life and religion is one of the triumphs of literary art. Shall we expect it of a six-year-old? Shall we draw away and refuse to listen to him because he fails of it?

Love and tact are the two qualities needed. Love we take for granted. Of tact it has been well said that it consists less in doing the right things than in not doing the wrong ones. Naturally we have approached our subject from its negative side. But it has a positive one.

Every one of us can call to mind some mother who is particularly successful in these lines, whose house—not always a specially large or fine one—is a rallying ground for her own children and her neighbors', who is in constant demand herself as a chaperon for their parties and sleigh rides, whose popularity means a real influence for good. We recognize her talent and envy it, but think of it as a natural gift and beyond our cultivating. It is so in part, no doubt, like all talents.

But in part it can be analyzed and imitated. Such a mother always contrives to keep a genuine interest in what interests her young people. She takes pains to meet their friends and make herself charming to them. She follows their studies at school, if not in detail, at least so as to have a general knowledge of them. She brings to their notice form her own reading or study course, items and anecdotes that bear on their work. She makes acquaintance with their teachers. She attends their public occasions as scrupulously as possible, taking care to wear what the critical taste of youth

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approves. She reads their school paper. She keeps the run of school politics and athletics. She even sits out their ball games.

The mother of little children is fortunate if she has for the basis of a spontaneous common interest some knowledge of outdoor life, of plants or birds or beetles; and with the needs of the future in mind, it would seem that at least one of these branches should be a part of every woman's education. But for those who lack it there are beginners' manuals by whose help one can give the children a great deal of pleasure in the long vacation days. The remarkable spread of interest in birds within the last twenty-five years shows that it is quite possible for a person long past the school age to take up a new study and make real progress in it, and find the experience both stimulating and refreshing.

Children's experiences run more nearly parallel to our own than we realize. Every woman of us knows what it is to go to a friend with a perplexity to pour out, and come away without the hoped-for relief and sym-

pathy, because the friend's manner showed that she was not in a mood to detach herself from her own cares and listen to ours. Just so the child comes hovering about its mother, with some little secret to tell, or perhaps some fault to confess, answers the preoccupied "What do you want, dear?" with a disappointed "O, nothing," and turns away. The confidence may have been a trifling one. Or it may have been one worth more to the mother than a whole week's toil. The motto for the nursery wall might well be, "Nothing is so important as to hear what the children want to tell."

Most important of all, the mother who would keep her child's confidence must expect to take time for it as really as she takes time for her house-keeping and her philanthropies, though not in the same cut-and-dried routine fashion. She must not fill her days so full that her children will think of her as always busy and preoccupied. She must be found sometimes in that obvious leisure which invites approach. The child with the cut finger or torn dress will break in on her without ceremony, no doubt,

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no matter how much absorbed she seems; but the child with the sore and sensitive little heart will turn away rather than risk a rebuff. It is the "endless silent adjustments of sympathy" that our children need and crave.

We are not counted a selfish class, we mothers, but do we not know that it is sometimes not work, but worry, not necessary concentration of thought, but idle, morbid brooding, that makes it so hard for us to rise to the level of our children's interruptions?

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### Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1895).  
Give and Get Good Club, Berryton, Shawnee County (1902).  
Women's Literary Club, Osborne, Osborne County (1902).  
Women's Club, Logan, Phillips County (1902).  
Domestic Science Club, Osage, Osage County (1888).  
Ladies' Crescent Club, Tully, Rawlins County (1902).  
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1888).  
Chaltee Club, Highland Park, Shawnee County (1902).  
Cultus Club, Phillipsburg, Phillips County (1902).  
Literature Club, Ford, Ford County (1903).  
Sabeau Club, Mission Center, Shawnee County, Route 2, (1899).  
Star Valley Women's Club, Iola, Allen County (1902).  
West Side Forestry Club, Topeka, Shawnee County, Route 8, (1903).  
Fortnight Club, Grant Township, Reno County, (1903).  
Progressive Society, Rosalia, Butler County (1903).  
Pleasant Hour Club, Wakarusa Township, Douglas County (1899).  
The Lady Farmers' Institute, Marysville, Marshall County (1902).  
Women's Country Club, Anthony, Harper County (1902).  
Taka Embroidery Club, Madison, Greenwood County (1902).  
Mutual Improvement Club, Vermillion, Marshall County (1903).  
Prensis Reading Club, Cawker City, Mitchell County (1903).  
Cosmos Club, Russel, Kans.

[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

### Miscellaneous Program.

Music.  
Roll call—name of one of the great composers

- I. Schubert's Serenade.
- II. Schubert.
- III. The Erlking.
- IV. Music in the home.

I. This program may be made one of the most pleasing as well as instructive. The story of this beautiful serenade should be briefly told—and then it should be played.

II. Schubert's life, like that of most of the great composers, was a struggle—one of hardship and poverty. But with all his drawbacks and discouragements he wrote 600 songs in his short life of 31 years.

III. The Erlking is a poet's name for Death and is pictured as an old man with snow-white hair and beard and flowing robes. A father with his little one is away from home. The boy is mortally ill, and the father, taking his child in his arms, leaps upon his horse and frantically gallops through the forest homeward.

"In his dilemma the boy sees the Erlking and his daughter, who coaxes him in sweetest melody to come with them. Faster and faster the man rides. Suddenly the boy cries, 'Father, the Erlking has touched me!' And as they enter the courtyard the child is dead."

This is the story of the Erlking, which Schubert tells so beautifully in music. As it is played in music, listen for the beat of the horses' hoofs and read the story in the music. The music so wonderfully fits the words one hardly needs them to understand the story—but one can better appreciate the music to know the story.

IV. Music has a wonderful influence over the feelings of a man. It soothes the passions and restrains the wicked, as we are reminded in the instance of David and his harp in the presence of King Saul. It calms and

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This is the best range that money can buy—we KNOW it, so will YOU after you have examined and used it in your own home. We do not ask you to send us one cent. We want you to let us ship you this range on

**30 Days Free Trial**

Set it up in your own home and put it to EVERY POSSIBLE TEST for 30 days. Test it for economy in retaining heat, for soundness and durability; for quick, reliable cooking, roasting and baking; test it in ANY WAY YOU CHOOSE to convince yourself that it is just as represented and that we can save you from \$5 to \$35 on your purchase and give you better goods than you can obtain anywhere else. We have our own big factory for supplying our ever increasing trade. Every stove and range which we manufacture is not only sent on 30 days free trial anywhere in America, but is

**GUARANTEED FOR FIVE YEARS**

Save the profits of jobber, dealer and agent by buying DIRECT FROM MANUFACTURERS. Write for our large catalogue and complete information regarding our 30 days free trial offer. Wait until you have had our liberal plan before buying a stove or range of any kind.

**Kemper-Paxton Mercantile Co.**  
923 Liberty St., KANSAS CITY, MO.

**A KALAMAZOO DIRECT TO YOU**

**At Lowest Factory Prices.**

We will sell you, freight prepaid, direct from our factory any Kalamazoo Stove or Range on a

**360 Days Approval Test.**

We guarantee, under a \$20,000 bank bond, that there is no better stove or range made, and we save you from \$5 to \$40 on every purchase, because we save you all middlemen's, jobbers' and dealers' profits. We're manufacturers, not "mail-order dealers;" we own and operate one of the largest and best equipped stove factories in the world; we guarantee the high quality of our product and ship on trial.

**SEND A POSTAL CARD FOR CATALOGUE No. 189.**  
Examine our complete line of ranges, stoves and heaters, note the high quality and low price and save from 20% to 40%. All Kalamazoo's are shipped **Freight Prepaid**, blacked, polished and ready for use. All our cook stoves and ranges are equipped with patent Oven Thermometer which makes baking easy.

**KALAMAZOO STOVE CO., Manufacturers, KALAMAZOO, MICH.**  
We probably can refer you to pleased customers in your own neighborhood.

**WE PAY THE FREIGHT**

brightens the dying hour. When the life of Chopin was ebbing away the beautiful Potocka was standing at the foot of his bed. He asked her to sing; and while she sang he said: "How exquisite!" and peacefully passed into the eternal, soothed by the music of her voice.

It brightens the everyday life. A lady who was forced to be maid of all work in her house said when she became weary and discouraged she went to the piano and refreshed herself by playing and singing, and was afterwards enabled to take up her duties with fresh courage.

But not alone does it minister to the feelings; it has a wonderful influence upon the character. Every child should be taught music whether musically inclined or not, on account of its influence upon the character. It teaches accuracy, precision and harmony, and is a refiner. A mother who wished to help her 13-year-old son through his trying time of life—the adolescent age—had him taught music on the violin, because of its refining influence upon him.

### Ladies' Social Society.

Our society is, as usual, quite flourishing. We have good attendance, meet every two weeks. We hold our elections semi-annually. Mrs. W. R. West is president, Mrs. Lillie Babcock, secretary, and Mrs. Gilmore, treasurer. Our society is what its name implies, a social society. We meet at the homes of the members, seldom meeting twice in succession at the same place. Our programs are varied with occasional refreshments. We have sick committees and hold ourselves in readiness to be helpful to those in need. Sometimes a committee furnishes a program, sometimes an indi-

vidual. At times we take up the Sabbath school lessons.

Our library contains about sixty-five books, and about the same number of magazines. Most of them were donated by the members in the last three years, since we quit using the circulating library, that has been so helpful to us for several years.

Our anniversary occurs on Saturday nearest the 19th of April. This is the one day of the year that we all work for, each voluntarily donating useful articles for our fair held on that day; also provisions for a general supper for the members and their families.

Minneapolis, Kans.

### Why He Knew It.

"Do you know," said a Sunday-school teacher addressing a new pupil in the infant class, "that you have a soul?"

"Course I do," replied the little fellow, placing his hand over his heart, "I can feel it tick."



## No Smoke—No Smell

Wouldn't you like to be rid of both forever? You will when you get a

## Moore's Range

Just a slight pull on the chain and up comes the **Hinged Top**, forming a hood which draws all smoke or odors back into the range, thus preventing their escape into the room.

This is the handy way to broil, toast or fix the fire. It is Moore's Patent and can be had only on Moore's Ranges. Then there is

Moore's Accurate Oven Thermometer; just try it once and you will never be without it. It does away with guessing and makes baking and roasting absolutely sure.

Moore's Ranges are made of steel and asbestos. They are almost indestructible. They conserve fuel wonderfully and save in so many ways that they actually repay their cost in a short time.

**Moore's Stoves Always Please**

Are you planning to buy either a cooking or heating stove? Be sure to see Moore's complete line—the latest—the most improved—the best for all purposes.

Write today for a free copy of "The Wife and The Wonder-Worker," a beautifully illustrated story full of human interest which incidentally tells much that you would like to know about stoves.

Joliet Stove Works, 509 Benton St., Joliet, Ill.

## 9.95 Buys This Large Handsome Nickel Trimmed Steel Range

without warming closet or reservoir. With high warming closet, porcelain lined reservoir, just as shown in cut, \$13.95; large, roomy oven, six cooking holes, body made of cold rolled steel. Duplex grate; burns wood or coal. Handsome nickel trimmings, highly polished.

**OUR TERMS** are the most liberal ever made. You can pay after you receive the range. You can take it into your home, use it 30 days. If you don't find it exactly as represented, the biggest bargain you ever saw, equal to stoves retailed for double our price, return it to us. We will pay freight both ways, send it to us and we will mail you our large stove catalogue, 75 styles to select from. Don't buy until you get it.

**MARVIN SMITH CO. CHICAGO, ILL.**



## A REAL ROOF.

When the snow stays for weeks thawing and freezing and thawing again on the roofs of the farm buildings—then the farmer who has put his faith in Amatite Ready Roofing can rest easy, in the conviction that it will stand that test as easily as a summer rain. It is not easy to trust a ready roofing that much, for most ready roofings would hardly justify such faith.



For years farmers have been using roofings of every grade and character, and their experiences have often been costly in the long run.

A ready roofing that the buyer could lay for himself unaided by skilled labor, often proved to be a flimsy, lightweight affair that would not last long, and when the farmer found his roof worn out in two or three years, he had to buy a new roof—or be satisfied with one that leaked at every storm.



AMATITE is a compound of coal tar, pitch and felt, invented after years of experience in supplying ready roofings, and tested with complete understanding of the needs that are to be met. We know beyond doubt that AMATITE will furnish more effective protection for a longer period, for less money, than any other Ready Roofing yet devised.

If you compare the weight per roll of AMATITE with the weight of its rivals (and it is total weight that makes all the difference between solidity and flimsiness), you will find that weight for weight, AMATITE is by far the lowest in price.



Unlike most of its competitors it does not require painting or coating. AMATITE substitutes a long-wearing mineral surface for the ordinary coat of paint or coating, and our large facilities of manufacture enable us to put it on the market at a lower price than that of any other mineral surfaced roofing. It is the best kind of ready roofing at the lowest price.

Yet, despite the fact that AMATITE is a real roof, it is just as easy to handle and to lay as an ordinary roofing.

Full instructions and all necessary nails and cement come free with every roll, and no skilled labor is required.

Our booklet tells more about AMATITE than we can tell here in limited space. Write a postal saying "Send Amatite Sample and Booklet." Sign your name and address clearly and mail it to the nearest office in the list below, and the sample and booklet will be sent you free by return mail.

Address Barrett Manufacturing Company at New York, Chicago, Philadelphia, Allegheny, Kansas City, Cincinnati, Cleveland, Minneapolis, New Orleans, St. Louis, or Boston.

## BURGOS.

(Continued from page 1178.)

ca; Miss Steele and Miss Lyon of Kansas City, Mo. We all adjourned to a quiet chapel in the cathedral, and were soon exchanging guide books and swapping stories of our travels. We spent the balance of the day together, giving each other directions how and where to go, for they were going south and we north. I do not believe I ever was so happy to meet any one I knew, as I was that day in meeting my Missouri friends. We "did" all the town together, climbing the one hill, in sight, upon which was the old "Castello" or fortress.

The next morning our party started on the way to the unknown (to us) Cantabrian Mountains and our other friends going south to Madrid.

## WHOSE HEDGE?

(Continued from page 1172.)

would probably say: "You raised that hedge; you allowed B to use it as a fence and charged him nothing for it. In equity it is yours and you may feel pretty safe in leaving it to the jury. Go ahead and cut the timber if you want it."

If B or his heirs should employ a lawyer and state the case to him, the lawyer would probably say: "You have had undisputed possession of that hedge for over fifteen years, and this makes it yours by prescription. Legally it is yours and a jury is pretty apt to decide for you."

But it would not be wise for these neighbors to go to law over such a matter. Each would spend more than all of the timber is worth and would be transformed from good neighbors to life-long enemies.

On the statement of the case the man who planted and tended the hedge and gave the use of it for a fence to his neighbor ought in equity to have the timber into which it has grown, ought to own the hedge until he has received compensation and interest for his expense in producing the hedge. The law is intended to promote equity, but it has been found that "statutes of limitation" are necessary to prevent troublesome and expensive complications. It is provided in the Laws of Kansas, Chapter 95, Sec. 10, fourth clause, that an action for the recovery of real property must be brought within fifteen years. The Supreme Court, 11 K. 348, held that "A mere trespasser without color of right or title, who has been in actual possession of real estate for fifteen years, claiming title thereto, becomes the owner of the property by virtue of the statute of limitations," etc.

In the case under consideration it is not stated whether B claimed title to the hedge during his lifetime. If it was only borrowed and title was not claimed until since his death, as may easily have been the facts under the statement of subscriber, then the statute of limitations did not begin to run until after his death four or five years ago, or until such time as the present owners claimed the title, in which case the statutory limitation will not have run and A can recover.

It is thus seen that there are many complications, many chances for differences of views based on different understandings of the facts. In all such cases it is best for neighbors to come together with a firm determination to do right, laying aside every purpose to "beat the other fellow," and arrive at an understanding, if possible. If finally unable to agree, they can often reach a settlement by calling in some disinterested person or persons who will hear the case carefully and decide justly. This is far better than going to law.

## POISON THE GOPHER.

During a recent trip over the Rock Island Railroad the editor was greatly pleased to note many thrifty alfalfa fields. In some of these pure-bred cattle were grazing in contentment and without apparent fear of bloat. In other fields were seen evidences of the destructive work of gophers. These pests are liable to ruin the best meadows. Their destruction is not

# Royal Baking Powder

## Absolutely Pure

Royal Baking Powder is indispensable to finest cookery and to the comfort and convenience of modern housekeeping. Royal Baking Powder makes hot breads, cakes and pastry wholesome. Perfectly leavens without fermentation. Qualities that are peculiar to it alone.

**There is no substitute for Royal Baking Powder where the best and most healthful food is required.**

ROYAL BAKING POWDER CO., NEW YORK

difficult, and the editor resolved that at the first opportunity he would place before KANSAS FARMER readers such information as would enable them to save the alfalfa-fields.

The remedy for gophers is that

worked out at the Agricultural College by Prof. D. E. Lantz, now of the Department of Agriculture at Washington. It is still to be had from the college.

The poison for gophers is put up in

THREE DAYS

THREE DAYS.

**Poland-China, Durocs and Shorthorns. . . .**

**TUESDAY, DEC. 5th, 1905.**

Harry E. Lunt, Marshall Bros., and W. B. Harris, of Burden, and J. F. Thomas of Maple City, will sell 50 head of Poland-China hogs. The offering is sired by such boars as Standard Perfection, State Fair Winner, Look No Farther, Champion winning sire of Kansas, and other noted sires. This will be the last chance to get Look No Farther boars; and a lot of strong fall and spring boars will be included. The sows and gilts will be a useful lot and part of them will be bred.

**WEDNESDAY, DEC. 6th, 1905.**

Marshall Bros. and J. F. Stodder will sell 50 head of Duroc-Jerseys, 25 boars, 25 sows. They are the produce of such boars as Missouri Wonder, May Boy and Mack's Pride; all of them famous sires of royal breeding. The dams of these hogs are by such boars as Oom Paul 2d, Wonder Lad, Corrector C, Missouri Wonder, II Climax, Otto and Col. Kay. This is the banner sale of the Southwest for herd-headers, foundation stock and for enrichment of blood lines in established herds.

**THURSDAY, DEC. 7th, 1905.**

Nathaniel Brooks, Harry E. Lunt and J. F. Stodder of Burden will sell 40 head of Shorthorns, 10 bulls and 30 cows and heifers. All of the cows produced calves last year and all are guaranteed to be breeders and all are in calf to the Cruickshank bull, Lord Thistle or Lord Challenger, Prince Constantine, Oxford Bloom's Thistle or Prince Fashion. The consignments are useful cattle and moderate prices only are expected.

**Sales will be Held at 1 p. m. at Fair Grounds, BURDEN, COWLEY COUNTY, KANSAS.**

No postponement, sales under cover. Apply to any one of the consignors for catalogues.



quart cans, and by leaving out one of the ingredients used for prairie dogs (potassium cyanide) the strychnine is kept in solution. The liquid is therefore equally poisonous throughout, and any part of the contents of the can may be successfully used. A quart will poison a half-bushel of grain, and the price of it is 90 cents per can.

The directions are to pour boiling water over a half-bushel of shelled corn and let it stand over night to swell and soften the grain. Then drain off all the water possible, and pour the quart of poison and a cup of syrup over the corn. Add a few pounds of cornmeal and mix all thoroughly. The mass of corn should be somewhat sticky, and there should be no dry cornmeal present.

Make openings into the runways of the gophers with a pointed stick, and with a spoon drop a few kernels of the corn down each opening. A spade or shovel handle shod with an iron point and having a bar for the foot about sixteen inches from the point is recommended for making the holes into the burrows. No digging or covering of holes is required.

The best time to poison gophers is in October and November, when they are most active; but they may also be successfully poisoned in the spring or at any time when they are working. It is not usually necessary to go over the ground with poison more than once; but unless neighboring farmers cooperate, the work will have to be attended to about once in two years.

Experiments in the use of this poison to kill the mice have been very successful. Use the gopher poison with wheat as a bait. The poisoned wheat is eaten readily, and two or three applications will easily destroy all of the pests in an orchard. For prairie squirrels the poison is used in the same manner, the wheat being placed near the openings of their burrows.

Corn poisoned as directed for pocket-gophers has been used successfully for rabbits. Kafir-corn is also a good bait, but perhaps the most success-

We make few claims of what Liquezone will do. And no testimonials are published to show what it has done. We prefer that each sick one should learn its power by a test. That is the quickest way to convince you.

So we offer to buy the first bottle and give it to you to try. Compare it with common remedies; see how much more it does. Don't cling to the old treatments blindly. The scores of diseases which are due to germs call for a germicide. Please learn what Liquezone can do.

### What Liquezone Is.

The virtues of Liquezone are derived solely from gases. The formula is sent to each user. The process of making requires large apparatus, and from 8 to 14 days' time. It is directed by chemists of the highest class. The object is to so fix and combine the gases as to carry into the system a powerful tonic-germicide.

Contact with Liquezone kills any form of disease germ, because germs are of vegetable origin. Yet to the body Liquezone is not only harmless, but helpful in the extreme. That is its main distinction. Common germicides are poison when taken internally. That is why medicine has been so helpless in a germ disease. Liquezone is exhilarating, vitalizing, purifying; yet no disease germ can exist in it.

We purchased the American rights to Liquezone after thousands of tests

ful method of all is to use prunes, pieces of apple, or sweet-potato as a bait. Dry powdered strychnine may be rubbed on the cut surface of the bait or the liquid poison poured over the pieces.

The oldest thing on earth is truth, and probably about the next oldest thing is a lie.

**ASK ME** all the questions you desire about WASHINGTON—its climate, resources, products, etc. I'll answer—if you. **James Hadley** enclose 25c. **Elmhurst, Wash.**

**Asthma**  
Climates wear out. Smokes, Sprays and "Spedies" relieve only temporarily; they cannot cure. Our CONSTITUTIONAL treatment, founded 1883, permanently eliminates the CAUSE of Asthma and Hay Fever, so that nothing brings back the old symptoms or attacks. Write for BOOK I, containing reports of many illustrative cases that have STAYED CURED for years. Mailed FREE. Write **P. HAROLD HAYES, Buffalo, N. Y.**

# We Will Buy

You a Bottle of Liquezone, and Give It to You to Try.

had been made with it. Its power had been proved, again and again, in the most difficult germ diseases. Then we offered to supply the first bottle free in every disease that required it. And over one million dollars have been spent to announce and fulfill this offer.

The result is that 11,000,000 bottles have been used, mostly in the past two years. To-day there are countless cured ones, scattered everywhere, to tell what Liquezone has done.

But so many others need it that this offer is published still. In late years, science has traced scores of diseases to germ attacks. Old remedies do not apply to them. We wish to show those sick ones—at our cost—what Liquezone can do.

### Where It Applies.

These are the diseases in which Liquezone has been most employed. In these it has earned its widest reputation. In all of these troubles we supply the first bottle free. And in all—no matter how difficult—we offer each user a two months' further test without the risk of a penny.

Asthma—Anemia  
Bronchitis  
Blood Poison  
Bowel Troubles  
Coughs—Colds  
Consumption  
Contagious Diseases  
Cancer—Catarh  
Dysentery—Diarrhea  
Dyspepsia—Dandruff  
Eczema—Erysipelas  
Fever—Gall Stones  
Gout—Gonorrhea—Gleet  
Hay Fever—Influenza  
La Grippe  
Leucorrhea  
Malaria—Neuralgia  
Piles—Quinsy  
Rheumatism  
Scrofula—Syphilis  
Skin Diseases  
Tuberculosis  
Tumors—Ulcers  
Throat Troubles

Also most forms of the following:

Kidney Troubles Liver Troubles  
Stomach Troubles Women's Diseases

Fewer, inflammation or catarrh—impure or poisoned blood—usually indicate a germ attack. In nervous debility Liquezone acts as a vitalizer, accomplishing remarkable results.

### 50c Bottle Free.

If you need Liquezone, and have never tried it, please send us this coupon. We will then mail you an order on a local druggist for a full-size bottle, and will pay the druggist ourselves for it. This is our free gift, made to convince you; to let the product itself show you what it can do. In justice to yourself, please accept it to-day, for it places you under no obligations whatever.

Liquezone costs 50c. and \$1.

### Cut Out This Coupon

Fill it out and mail it to The Liquezone Company, 458-464 Wabash Ave., Chicago.

My disease is.....  
I have never tried Liquezone, but if you will supply me a 50c bottle free I will take it.

W 127 Give full address—write plainly.

Note that this offer applies to new users only. Any physician or hospital not yet using Liquezone will be gladly supplied for a test.

## Dispersion Sale Of

# POLAND=CHINAS

J. H. Cutter, Junction City, Kansas, will hold a dispersion sale of pure-bred Poland-China swine at

Junction City, Kans., Dec. 12, 1905

The offering will comprise 55 head of bred sows and gilts and several extra fine boars. The animals in this sale are in excellent condition and the gilts are large and growthy and some as fancy as any herd can show. For further particulars address

J. H. Cutter, Junction City, Kans.

## Armour-Funkhouser Sale of Registered Herefords.

66 COWS — 11 BULLS.

Their ninth annual sale, at which will be offered the best and most useful lot of imported and home-bred Herefords ever offered at public auction in the United States, will be held at the KANSAS CITY STOCK YARDS SALE PAVILION on

December 12th and 13th, 1905.

Mr. Armour will have 54 cows in the sale, 42 of which are imported. Sixteen of these will have calf at foot and others bred to calve within three or four months.

Mr. Funkhouser will sell 12 extra fine heifers and 10 bulls, by his noted prize-winners. The heifers will all be bred to his prize-winning bulls. Remember the dates. Write for catalogue and other information to either

Charles W. Armour, Kansas City.

Jas. A. Funkhouser, Plattsburg, Mo.

## BREEDERS' SALE IN COLISEUM, BLOOMINGTON, ILLINOIS JANUARY 3, 4 AND 5, 1906

ON WEDNESDAY AND THURSDAY, JANUARY 3 AND 4  
we will sell

140 Registered Percherons, French Drafts, Shires, Clydesdales, Horses, Mares, and Fillies.

These horses are consigned by the very oldest breeders in the State and out of the very best families and show herds that represent over 2,000 premiums to their credit. We don't claim to have all of the prize-winners of France, England, or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield and other fairs in 1904 and 1905. This will be one of the largest sales of pure-bred horses ever held in the State. These are the WIDE-AS-A-WAGON KIND and a number of them will weigh over 2,000 pounds.

Consignors—Ed. Hodgson, El Paso, Ill.; Percherons; D. Augstin, Carlock, Ill.; Percherons; Hurt & Son, Arrowsmith, Ill.; Percherons; Moots & Dodson, Normal, Ill.; Percherons and Combination Horses; John C. Baker, Manhattan, Ill.; Percherons; Hurt & Reid, Arrowsmith, Ill.; Percherons and Shires; R. Stautger, Ellsworth, Ill.; Percherons; M. C. Marry, Holder, Ill.; Percherons; A. M. Storm & Son, New Lenix, Ill.; B. S. Harper, Larose, Ill.; S. S. Kirkpatrick, New Richmond, Ind.; Geo. C. Beck, Attica, Ind.; Ed. Murray, El Paso, Ill.; F. M. Smith & Son, Crawfordsville, Iowa; and 38 other consignors.

C. W. HURT, Manager, Arrowsmith, Illinois

ON FRIDAY, JANUARY 5, WILL SELL

75 Registered Trotting All-Purpose Grade, Coach, Draft and Saddle Horses, Mares, Fillies.

This offering will consist of some of the very best bred ones in the State and some with very fast marks, also a lot of gentlemen's drivers, with several good match teams and a lot of All-Purpose horses. This will be a lot of very high-class horses. These horses are consigned by the very best breeders in the State and a number of them closing out their entire herds.



## Grange Department

"For the good of our order,  
our country, and mankind."

All communications for this department should be addressed to Mrs. Kattie J. McCracken, Station B, Topeka, Kans.

The Kansas Farmer is the official paper of the Kansas State Grange.

### NATIONAL GRANGE

Master..... Aaron Jones, South Bend, Ind.  
Lecturer..... N. J. Bachelder, Concord, N. H.  
Secretary..... C. M. Freeman, Tippicanoe City, Ohio

### KANSAS STATE GRANGE

Master..... E. W. Westgate, Manhattan  
Overseer..... A. P. Reardon, McJouth  
Lecturer..... Ole Hihner, Olathe  
Assistant Lecturer..... R. C. Post, Spring Hill  
Chaplain..... Frank Witzell, Ochiltree  
Treasurer..... Mrs. M. J. Ramage, Arkansas City  
Secretary..... Wm. Henry, Olathe  
Gatekeeper..... George Black, Olathe  
Ceres..... G. F. Kyner, Newton  
Pomona..... Mrs. M. L. Allison, Lyndon  
Flora..... Mrs. S. M. Phinney, McJouth  
L. A. S..... Mrs. S. J. Lovett, Iarned  
L. A. S..... Mrs. Lola Radcliffe, Overbrook

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E. W. Westgate..... Manhattan  
Geo. Black, Secretary..... Olathe  
J. T. Lincoln..... Madison  
O. F. Whitney..... Topeka, Station A

### STATE ORGANIZER

W. B. Obryhim..... Overbrook

### Development.

Whatever may be said in regard to the work of the grange in its varied phases, it may all be summed up under the general term expressed in the word development. This is a word sufficiently broad in its meaning to comprehend the entire work of the grange, whether viewed from its mental, moral or financial features. The social and educational features develop the mind; the moral and fraternal features, the heart; and the financial features, the material possessions of members. The church is the only agency that stands ahead of the grange in the development of the spiritual nature of members and to that alone does the grange accord superiority in the development of any qualities of the mind or heart. With this exception, the grange is the most potent agency in existence to-day for the development of strong traits of noble character in all who have become associated in it. Development means progress and progress leads to success in the broadest meaning of the word.

This important function of the grange is not appreciated by the members in general; but regular attendance at its meetings and participation in its exercises results in a mental and moral development that is noticeable to all who come in contact with them. While they are enjoying the social and entertaining features of the grange, they are themselves receiving an influence that is imperceptibly developing culture and refinement in the place of ignorance and uncouthness. The same people could not be induced to attend a school for instruction in these matters, but unconsciously they are attending the most practical school for this purpose that was ever conceived. The founders of the order exercised rare judgment in laying the foundation of the grange structure in such a way as to attract people for enjoyment, and, in getting enjoyment, receive mental training also.

It seems fitting that this comprehensive embodiment of grange work should be given consideration during the closing quarter of the year. The more general the impression prevails among people of intelligence and culture that the grange is a successful promoter of knowledge and culture which beset refinement, the greater will be their interest in it and the more attention they will give to its meetings. When the impression prevails that the grange is simply a place for social frivolities or a place to purchase supplies at low prices, important as these matters are to a reasonable extent, the general welfare of the grange will suffer. But let it be generally known that the prime object of the grange is the development of the mind, the heart, the social and moral condition, the farm, the home, the community and the world, and our ranks will be augmented by the strong and loyal tillers of the soil and their families in every section of the land.

## The Backbone of a Mighty Nation

is good food—food for brain, food for brawn, food that is strengthening, that gives energy and courage. Without a proper appreciation of this great fundamental truth no nation can rise to greatness.

As an article of food, soda crackers are being used more and more every day, as is attested by the sale of nearly 400,000,000 packages of **Uneeda Biscuit**, which have come to be recognized as the most perfect soda cracker the world has ever known.

And so **Uneeda Biscuit** will soon be on every table at every meal, giving life, health and strength to the American people, thus in very truth becoming the backbone of the nation.

NATIONAL BISCUIT COMPANY

This development makes better citizens, better fathers and mothers, better boys and girls, better farms, more profitable farming, better homes, better society and better management of public affairs. It promotes all that is good and retards all that is bad. It is a great feature of a great and growing organization.—N. J. Bachelder, in Grange Bulletin.

## The Veterinarian

We cordially invite our readers to consult us when they desire information in regard to sick or lame animals, and thus assist us in making this Department one of the most interesting features of the Kansas Farmer. Kindly give the age, color, and sex of the animals, stating symptoms accurately, and how long standing, and what treatment, if any, has been resorted to. All replies through this column are free. In order to receive a prompt reply all letters for this Department should give the enquirer's postoffice, should be signed with full name and should be addressed to the Veterinary Department of the Kansas Farmer, Topeka, Kans., or to Dr. C. L. Barnes, Veterinary Department, Kansas State Agricultural College, Manhattan, Kans.

If in addition to having the letter answered in the Kansas Farmer, an immediate answer is desired by mail, kindly enclose a 2-cent stamp. Write across top of letter "To be answered in Kansas Farmer."

### Rupture.

Can anything be done for a stallion that is ruptured? His entrails come down into a sack. It does not bother much in cool, weather, but in hot weather it is pretty bad. Could a truss be used on him? J. H. C.

South Haven, Kans.

Answer.—You had better employ a skilled veterinarian to operate on your stallion, and he can probably replace the intestines and still not have to castrate the animal.

Wire Cut and an Ailing Mare.—I have a colt which, in jumping over a wire fence, cut the front part of hind leg above the knees. It is only a skin wound, but has spread open more than inch wide and about six inches long, and does not seem to heal. What treatment would you advise.

I bred a young mare to a jack last spring, and later to a stallion. She passes a quantity of thick white fluid; she is a little rough and not thriving well. Appetite is good; runs in pasture and is fed light grain ration. Is there anything wrong with her and what treatment would you suggest? SUBSCRIBER.

Burdett, Kans.

Answer.—For the wire cut would suggest that you use equal parts of say

1 ounce of iodiform, boracic acid and tannic acid.

I would suggest that you secure 4 ounces of eucalyptol from your drug store and use a teaspoonful to a gallon of water as an injection in your mare to wash out the affected parts twice daily. I think this will help the trouble.

Pigs Weak in Back.—I have 40 2-months-old pigs and about one-fourth are weak in the back, and reel in hind parts. They are healthy in other ways. They have had all the corn they want and what swill they would

drink twice a day. Please give cause and remedy. H. G.

Holton, Kans.

Answer.—The trouble with your pigs seems to be from having too much corn, giving them more fat than their weak bodies can support. Would suggest that you discontinue using corn for a time, changing the feed to bran and ground oats in slop, and after the bones have developed and they have a larger, stronger frame, gradually bring them back to the corn.

## J. H. Cooper & Son's Second Annual Sale

—OF—

## Poland-Chinas

WINFIELD, KANSAS, NOVEMBER 28, 1905

Choice herd headers, bred sows and gilts, open gilts, and sows and litters. The sows are by International winner Broadguage Chief, Starguage Chief, Simply O. K., and Arsenal, both prize-winners. Arsenal sire of the greater part of the offering. The offering is of more than ordinary merit; sure to please the most exacting; breeding excellent. Send for catalogue. If impossible to attend send bids to auctioneer.

J. H. COOPER & SONS, WINFIELD, KANS

AUCTIONEER: JOHN D. SNYDER.

## A Grand Closing Out Sale

—OF—

## Poland - Chinas

Zeigra Bros., McCune, Kansas, will disperse their entire herd of high-class Poland-Chinas within a few days. They have always been the best buyers in Kansas and will have the choicest hogs to sell. Watch this space next week for date and particulars.

ZEIGRA BROS., McCune, Kansas

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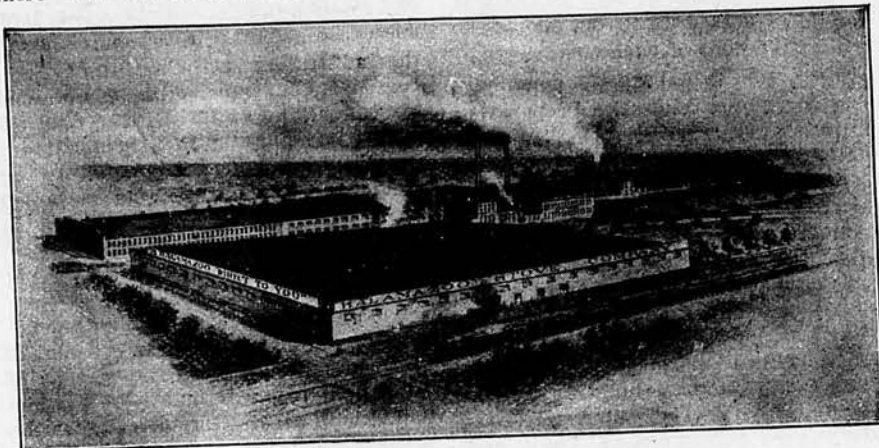
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THE UNION METALLIC CARTRIDGE COMPANY  
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### "Kalamazoo Direct to You."

Our readers have so often and so regularly noticed the forceful and direct business appeals to intending stove purchasers under the above head that many of them must have been led to wonder what kind of a concern the Kalamazoo Stove Company is. Big promises and extravagant statements can be made by any one. The plant, equipment, financial and business standing, etc., of a firm furnish a pretty good idea as to whether their statements are likely to be fulfilled. It is with the idea of giving our readers a just appreciation of the character of the Kalamazoo Stove Company, who are one of our most valued advertisers, that the illustration of their great factory at Kalamazoo is produced.

The floor space covered by buildings of all classes is approximately five acres. The main building is 764 by 120 feet. It includes the foundry, 436 by 120 feet and the factory proper, 328 by 120 feet and two stories high. The warehouse is 215 by 300 feet, with a storage capacity for 40,000 stoves. The offices occupy a two-story building 85 by 25 feet. In addition there are the power-house, cleaning-



rooms, pattern-shops, etc. Every department is equipped with the most modern machinery and appliances. The entire plant is heated by the latest hot-air system, and is lighted and the machinery operated by electricity, all generated in their own power-houses. In fact, everything from beginning to end of this great plant, which has grown up in a legitimate way in the short space of four years, is perfectly adapted to the one great object of the company; that of making high-grade stoves and ranges.

Their plan of selling their entire product direct from the factory to the user is well known. They not only do not belong to the mail-order class, but they distribute nothing whatever of their products through mail-order houses. Kalamazoos go straight to the users from the factory. The company has a paid up capital of \$315,000. Their long-time approval test, their bank guaranteed bond, the saving in price, prepayment of freight, return privileges, and other characteristic features of their methods of doing business, are familiar to our readers from having so often read them in the advertisement. The company publishes a large and elegantly illustrated catalogue, describing their entire line of stoves and ranges and giving in detail their plan of doing business. This catalogue is sent free and postpaid to any one who writes the company for it.

When planning a business or pleasure trip from Chicago to Buffalo, New York, Boston or any Eastern point, you should investigate the satisfactory service afforded by any of the three Express Trains operated by the Nickel Plate Road. Colored porters are in charge of coaches, whose duties are to look after the comfort of passengers while enroute. Special attention shown ladies and children, as well as elderly people, traveling alone. No excess fare charged on any train on the Nickel Plate Road. American Club meals, from 35 cents to \$1.00, served in Nickel Plate dining cars. One trial will result to your satisfaction. All trains leave from La Salle Street Station—only depot in Chicago on the Elevated Railroad Loop. Call on or address John Y. Calahan, General Agent, 113 Adams St., Room 288, Chicago. No. 34.

## Miscellany

### Price of State Binder Twine.

EDITOR KANSAS FARMER: Will you please give the essential points of the law regulating the operation of the State Binder Twine plant, especially what regulates the price at which twine is to be sold?

Also any light on the present stagnation. A. MUNGER.

### Riley County.

The law providing for the sale of penitentiary made binder twine is contained in Laws of 1899, Chap. 24, Sec. 8, as follows:

"Said warden of the Kansas State Penitentiary, by and with the approval of the board of directors thereof, is hereby vested with power and authority to sell and dispose of to the best advantage of the State, giving preference to orders from residents of this State, all manufactured product of said plant."

### Teachers and Public Holidays.

EDITOR KANSAS FARMER:—Replying to communication recently enclosed to me, with reference to public holidays, I wish to say that school directors can be ousted for malfeasance in office if they deprive teachers of their wages for public holidays. A teacher cannot be required to teach school on public holidays, and is entitled to wages for these days. There are three State legal holidays fixed in Kansas by statute: Decoration Day, Washington's Birthday, and Labor Day; there are also fixed by common law, Fourth of July, Christmas and Thanksgiving. All of these are recognized in the great commercial world as holidays. A

teacher is entitled to rest on these days, on full pay.

When a contract is made between a teacher and the board of school directors, it is with the full knowledge and understanding of the established customs of the country, and for this reason, the teacher is entitled to these days of rest and recreation without any stipulation being made in the written contract.

A school board that would insist on the violation of this principle of common law is too small for the position it holds and is not in harmony with our American institutions and customs. I. L. DAYHOFF,

State Supt. Public Instruction.

### Farmers' National Congress.

EDITOR KANSAS FARMER:—As the time for meetings of various agricultural organizations is at hand, when many of the leading farmers of the country will meet for discussion and friendly intercourse, attention is called to the Farmers' National Congress. It is the only all-round National agricultural body in the country, which meets annually to discuss broad National agricultural problems, and to pass resolutions. There is a field for such an organization, and the one above-named has had a useful and successful career for 25 years. But its officers and friends desire to increase its usefulness and to have it even better attended and more representative than in the past. More than 95 per cent. of its membership are



## Fire Control Saves Fuel

To have a hot fire when you don't need it is just wasting fuel. With a Wilson Hot Blast Heater you can get exactly what you want when you want it because of the perfect control this down draft damper gives over the fire. This fire control is made possible by the patent method of taking the draft from top, which, with sealed joints, makes the

## WILSON HOT BLAST HEATER

absolutely air-tight. Then the hot-air draft coming from above ignites and turns into heat all the gases in the stove. A Wilson Hot Blast Heater not only demonstrates its great heating qualities but what is equally as important its small consumption of fuel.

No other stove can possibly give as much heat as the Wilson from the same amount of fuel, because no other stove can be made with the patented Hot Blast Down Draft. Wilson Heaters are made in different styles for soft coal and also for wood. The picture shows the Wilson soft coal heater, (burns only soft coal). If your dealer does not sell Wilson Hot Blast Heaters write us. We will tell you where to get them and send you a book on house heating free.

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Wilson Ranges are easiest to manage, and the greatest bakers in the world.



actual farmers. The others are editors or proprietors of farm papers, officials of National or State Departments of Agriculture, and others in close touch with agriculture. There is no fund for paying expenses of delegates to the annual sessions. This includes the officers, who serve without pay. The congress does not include in its membership the element that seeks a free junket or personal advantage. Another session will not be held until next autumn, but the present is a favorable opportunity to consider it, and bodies which meet only once a year and that in the winter, can take action, should they desire to do so, only at this season. The congress is composed of delegates from the different States, appointed as a rule by the Governors of the States, but official representatives from live agricultural bodies are always welcome; and when such representatives are duly elected by their respective organizations, Governors will doubtless be very willing to appoint them as State delegates to the next congress.

GEORGE M. WHITAKER, Secretary.  
P. O. Box 1332, Boston, Mass.

### International Live Stock Exposition Dec. 16 to 23, 1905.

Prof. F. B. Linfield, of Montana Experiment Station, makes the following comment on the International:

"In the olden day it was said 'all roads lead to Rome.' In our modern America a glance at the map would quickly tell us that all roads lead to Chicago. What more appropriate place for the great live-stock show of the year. Towards this center the eyes of all progressive stockmen are being turned, and within two months many of them will be wending their way thither; some to show the results of their handiwork in building the ideal animal and many to learn from the results presented for their inspection. 'In no place in the country is there a better opportunity for comparative study of the best animals than the International Live Stock Exposition of Chicago affords.

"This year we are to have a new building, this means a home for the show, and in a measure a guarantee of the permanency of the exposition.

With time it will take on associations which will make it the gathering place of those who in 'ye olden days' here met, combatted, won and lost on the tan-bark arena. It, too, will become the Mecca of the younger generations who will come to gather inspiration from the past and new and progressive ideas from the present. The next show is December 16-23, 1905."

Burdens may be the ballast that saves the ship.

## Tired Nervous

When you feel languid, tired, nervous and irritable, your vitality is low—your supply of nerve energy exhausted, and your system running down for lack of power.

The organs of the body are working poorly, or not at all, and you are not getting the nourishment needed. This soon impoverishes the blood and instead of throwing off the impurities, distributes it all through the body. This brings disease and misery.

Feed the nerves with Dr. Miles' Nervine, a nerve food, a nerve medicine, that nourishes and strengthens the nerves, and see how quickly you will get strong and vigorous.

"My wife suffered with nervousness previous to a recent attack of typhoid fever, but after her recovery from the fever, she was much worse, and could hardly control herself being exceedingly nervous when the least excited. She was very restless at night, and never had a good night's rest. She also suffered much from nervous headache. Dr. Miles' Nervine was recommended by a friend. After the first three doses she had a good night's rest, and at the end of the first week's treatment she was wonderfully improved. Continued use of Nervine has completed her entire cure."

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1021 Cherry St., Evansville, Ind.  
Dr. Miles' Nervine is sold by your druggist, who will guarantee that the first bottle will benefit. If it fails, he will refund your money.  
Miles Medical Co., Elkhart, Ind.



## In the Dairy

### The Milking Quality.

(Continued from last week.)

The best cows naturally receive the best care, and most careful milking, and while we can hardly look for many more pounds of butter-fat, from the individual cow, it is reasonable to hope for more cows with a capacity of twenty-five or thirty pounds of butter a week. The perfecting of the milking machine will be the dairyman's millenium. Yet there will always be physical difficulties to overcome. In my own dairy two heifers may be equally well-bred, both have the same care; one makes a cow giving 350 pounds of butter-fat in the year while the other gives 500. Now, where is the difference? The two principal ones seem to be, first, in the teats; they are either too small, or too large, or too thick at the top, so there is difficulty in milking clean and the cow is never developed to her full capacity. The other cause of failure is nervousness. The fretting, easily annoyed cow is never worth as much as the placid one. Watch them going into the stable. One cow rushes ahead, blunders into the wrong stall, while the heavy producing cow walks in quietly; finding Madame Blunder in her stall, she pauses to see if a man is around to put out the intruder. If she sees no one, she walks into the next vacant stall and goes to eating, while the fussy cow frets because she is being milked out of turn. She is decreasing her milk flow all the while by her own perversity, while old Placid is enjoying her feed and thinking how much time she will have before the milker will say, "Si! Stand over!" which means, stand still to be milked.

How much there is in this nervousness can be judged by the decrease in milk-flow if the herd is startled in any way. We had a heavy wind come up as the cows were going into the barn one evening. A storage-shed outside of the cow-yard was unroofed and collapsed with a terrific crash. The morning milk had been forty-five ten-gallon cans; that night there were thirty-four cans, or eleven ten-gallon cans shortage. The milk was not secreted, and was lost, for the next morning there was still twelve gallons short, so the total loss was 122 gallons of milk, all from nervous shock. This also shows the mischief an unruly cow may do if in the barn with quiet ones. Milk is not all the value we receive from the dairy herd. In Germany herds of cattle are fattened without other thought of profit than the manure for the vineyards. This manure should pay for the food purchased. We know the heavy crops of grapes we have are due to the heavy fertilization that the vineyards have received in the past years. When our neighbor on a vineyard less than ours told us he had expended \$1,200 for bone- and blood-meal, we thought of how many cows this would have fed. So the fertilizer money will pay the

feed bill, and with a little experience in feeding, the skim-milk should make the returns from the pigs enough to meet the cost of milking. This leaves the butter free of expense, and selling only fat, there is no loss of the fertility of the soil.

The wonderful success of Mr. Dietrich of Flourtown, Penn., is told in this year's Department of Agriculture Year Book, and should be carefully studied. He has thirty head of stock on 13 acres of land, 17 milking cows, 8 heifers of all ages, from springers to calves, three bulls and two horses. All the hay and fodder used is raised on the farm and 3,300 pounds of hay were sold. Professor Stillman particularly speaks of the herd as being well kept and in good order. In 1881 this farm was so run down that it could not furnish roughage enough to feed two cows and a horse. Dr. Dietrich has neither purchased manure nor commercial fertilizers. The cows are kept in the barn and the crops of feed cut and hauled to them. Two silos of sixty tons each are filled with corn grown on the farm. The stables have cement floors and all manure is saved and hauled out daily and spread on the land. Dr. Dietrich is to write about the soiling crops he grows in the next Government Year Book. About \$400 is spent each year for commercial feeds for the stock. The corn grown for silage on this highly fertilized land produced thirty tons to the acre. So Dr. A. T. Neal of the Delaware Station estimated. Now why has this little Flourtown farm and its owner been so successful? Because Rev. Mr. Dietrich read everything he could find, that was on his line of work, and he applied to the farm everything that appealed to his common sense as reasonable. The soil of this farm by recent analysis contained 20,000,000 of bacteria to 1-30 of a cubic inch of soil.

It has been suggested that some time in the future we may sell and buy our farm lands by the bacterial count. Dairyman have been so unmercifully used by the schemers on these bacterial counts that they certainly would not welcome it in any guise. It is a pleasure, however, to see in Mr. Dietrich's success the triumph of book farming, to see recognized the work of the scientific corps of the universities and experiment stations, that it is practical and not all theory when applied to the soil. The return to the soil is a hopeful sign of the times, for it indicates that at last educated people are finding pleasure in doing as well as in thinking, "for he that can work is born king of something."—Mrs. M. E. Sherman, in California Cultivator.

### The Growth of the Dairy Industry.

CHAS. W. MELICK, IN THE INDUSTRIALIST. Various and diverse forms of dairying have been carried on from time immemorial. Milk has always been considered a very common article of food. Its products, as shown by history and Bible references, were discovered and used centuries ago, although in a very crude way. Genesis 18:8—"Abraham set butter and milk and dressed calf before his guests." Proverbs 30:33—"The churning of milk bringeth forth butter." Job 10:10—"Hast thou not poured me out like milk and curdled me like cheese?" I Sam. 17:18—"And Jesse said to David his son, take now for thy brethren an ephah of this parched corn, and these ten loaves, and run to the camp of thy brethren and carry these ten cheeses unto the captain of their thousand, and look how thy brethren fare." When Rome ruled France, butter was used only as an ornament. When the French invaded that country, A. D. 418, they spread the knowledge of its food value. In the 17th century it sold there for 10 cents a pound.

In some countries the most primitive methods are still in vogue. For instance, in Zululand the natives suck the milk into their mouths and deposit it into pails for market. In Arabia butter is churned by beating with a stick a small quantity of milk in a leather bag. In several of the European countries, where goats' milk is

used extensively, the goats are driven from house to house and the desired amount of milk drawn from one of the herd at the door of each customer.

Since milk has been so commonly used for generations, the preparation of its products has not been, until recently, considered as a science. In 1870 little was known about scientific dairying. The white-suited butter-maker was not even dreamed of. Milk was milk, cream was cream, and butter was butter, without any frills. The only recommendation to milk was its color. As long as it was nearer the color of milk than water, it passed inspection. It was not known that the specific gravity of distilled water is 1.000, pure milk 1.029 to 1.033, and skim-milk 1.033 to 1.037, or that the temperature should be 60° F. in all cases to obtain accurate results. It was supposed that fat globules contained acid that soured milk.

In the first crude creameries were placed conspicuously near the door, where partons delivered their cream, milk-testing instruments, with a sign above "Don't handle." The butter-maker occasionally looked wise and told his patrons that their milk was poor. Many farmers did not believe him to be as wise as he looked and kept their milk at home. This state of affairs existed only a few years, however, and to-day the homes of the masses have been relieved of the unpleasant and unprofitable labor of churning on the farm. The modern creamery, the invention of cream separators, the Babcock test, Pasteurization, tax on oleomargarine, and the Morrill laws have revolutionized the industry and made dairying a science.

PREPARATIONS MADE FROM MILK.  
The following preparations made

from milk make evident the fact that our modern dairy experts have gone deep into scientific research, although the industry is yet in its infancy:

1. Milk sugar, or lactose, is obtained by coagulating milk with rennet or acid. The curd is then strained out and the whey boiled to precipitate the albumen. The clear liquid is boiled to dryness, leaving the milk sugar in solid form.
2. Milk fat is composed of 75 per cent C (carbon), 12 per cent O (oxygen), and 13 per cent H (hydrogen).
3. Twelve and five-tenths per cent of glycerin unites with 87.5 per cent of fatty acid to form fats. Fats, when boiled with alkali (the latter takes the place of glycerin), makes soap. There are several buttermilk soap-factories now in operation, and one is soon to be erected at Concordia, Kans.
4. Milk serum is obtained for medi-

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Following in the footsteps of the Paris and St. Louis World's Fairs which gave their GRAND PRIZES (very highest awards) EXCLUSIVELY to the

### DE LAVAL CREAM SEPARATORS

the Lewis & Clark Exposition, Portland, Ore., has granted the DE LAVAL machines the highest award there offered, or a

### GOLD MEDAL

And as a further honor the DE LAVAL COMPANY was the only exhibitor receiving the distinction of being awarded all GOLD MEDALS on its entire exhibit.

Thus the stamp of SUPERIORITY has once again been placed upon the DE LAVAL machines by the world's most competent judges and experts, and another addition made to the long list of FIRST PRIZES and AWARDS which have invariably been granted them for twenty-five years.

Verily is the DE LAVAL the WORLD'S "GRAND PRIZE" CREAM SEPARATOR and the CHAMPION of the SEPARATOR field.

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If you had a gold mine would you waste half the gold? Dairies are surer than gold mines, yet farmers without separators only half skim their milk. Tubular butter is worth 25 to 35 cents. Cream is worth one cent fed to stock. Are you wasting cream?

**Sharple's**  
**TUBULAR**  
CREAM SEPARATORS

### Like a Crowbar

Tubulars are regular crowbars—get right under the trouble. Get the cream—raise the quantity of butter—start a fortune for the owner. Write for catalog U-165

THE SHARPLES SEPARATOR CO.  
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### The Dairy Problem Solved, and Solved Rightly.

Since man first began to milk cows, the problem of how to make the most dollars from them has been up for solving. After centuries of experiment the way has been discovered.

### An Easy Running Empire Cream Separator

will get these dollars for the cow-owner, and will get them all. This is no experiment, it is an actual fact proven by years of experience by farmers the country over.

You want to know why; we want to tell you why. Write, and get our free books on dairying. Read these; then investigate the Empire. The result can only be one thing, a complete proof that our statements are true.

Empire Cream Separator Co., Bloomfield, N. J.  
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### THE CLEVELAND

is the only Ball Bearing Separator. No other can run so easy. You can try it at your home without any expense or obligation to buy. Send for the new free catalogue.

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As there was no skimming contest at the St. Louis Exposition last year, the U. S. Separator continues to maintain undisputed right to the title of the best machine of its kind.

These facts concern every cow owner who is in the market for a cream separator. To all such our free catalogue telling all about the U. S. Separator should be equally interesting. A copy is free for the asking. Address

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18 centrally located distributing warehouses throughout the United States and Canada.

cal purposes by rapid coagulation at 30° C., and the acid neutralized by soda and filtered in a Chamberlain's porcelain bougie. New Zealand dried milk has been recently substituted for tea in that country, and is highly recommended by medical authorities there. It is very similar to the milk-flor or dried milk of Sweden, and is made in a similar way. The skim-milk is placed in a vacuum at 165° F. until it dries to a paste. It is then dried to a crisp on wire screens and pulverized. One pound of milk-flor contains as much protein as 1.8 pounds of beef-steak.

5. Solid material for making combs is manufactured from skim-milk coagulated by HCl [hydrochloric acid] in twenty parts of milk. It is cut in strips while warm, for it will then contract, washed in warm water, then in cold to rid it of sugar, dried and crushed, desiccated, and powdered. Mixed with drugs and chemicals, it turns hard or petrifies. This celluloid-like material is incombustible, does not soften in water, and has no odor. It is used for combs, billiard-balls, buttons, umbrella-handles, etc., as a celluloid substitute. In alkaline solution it is employed in the manufacture of impermeable stuffs. It replaces albumen of eggs in manufacture of lace, and may be used instead of starch or dextrine in a number of ways. In photography it is used to enamel positive papers. It is used as glue, varnish, water color, lacquers, and for sizing paper.

6. The most enduring preservative in an inexpensive paint for barns and outbuildings is casein, weather-proof, cold-water paint, samples of which we have in the college creamery. It is prepared by stirring into one gallon of milk three pounds of Portland cement and adding sufficient Venetian red paint-powder to impart good color, but any other paint-powder may do as well. The milk will hold paint in suspension, but the cement, being very heavy, will sink to the bottom, so that it becomes necessary to keep the mixture well stirred. Six hours after painting, this will be as immovable as old paint. "Buildings have been known to hold this paint for twenty years." Skim-milk is better than whole milk as it contains less oil, which prevents the setting of the cement. With the addition of carbolic acid it is also a disinfectant and may be used in the dairy and creamery.

7. Moscow sour cream, a Russian delicacy, is obtained by skimming thick cream and, after fermenting and thickening, adding fresh sour cream in proportion to two to five to induce fermentation. Keep at temperature of from 77° to 90° F. and it will ripen in six to ten hours. It must be taken into a cooling room the moment souring begins. It is preserved by the lactic acid developed. When sufficiently ripe it is solid, and may be cut with a knife.

8. Plasmon or casein is the precipitate of casein with HCl neutralized with carbonate of soda.

9. Casein of lime is the precipitate dissolved by phosphoric acid equal to quantity of lime used.

10. Nutrose is the dried casein and caustic acid boiled in alkali.

11. Santogene is about 95 per cent glycerophosphate of sodium, and about 5 per cent casein. The casein is precipitated with acetic acid. It is washed with methyl alcohol with 5 per cent glycerin, phosphate of sodium, and dried slowly.

12. Eucasein is ammoniacal casein, obtained by passing ammonia through the emulsion of alkalinized casein.

13. Galactogen is casein prepared by adding potash and salt.

14. Eulactor is obtained by adding proteic vegetable substance made soluble, and hydrates of carbon, salts, such as phosphate of calcium, cooking salt, carbonate of sodium, and then allowing the mixture to vaporize.

15. Albumine "nikol" is obtained from the precipitate of sterilized whey, and by dissolving the precipitate in soda again and rendering soluble by treating successively with HCl and alkaline.

16. Hygiene albumine "nikol" is a mixture of albumine "nikol" with a preparation of ox blood, containing an organic combination of iron, and destined for people suffering from chlorosis.

17. Solid milk is prepared by adding 1 per cent of liquid gelatine. This readily solidifies the milk on cooling, and it may be marketed in brick form.

Professor Muller, of Balena, Newfoundland, claims to have domesticated several female whales and obtained enormous quantities of whale milk from them. This however, sounds like a "whaler."

Butter sausage is packed in paraffined cloth bags, holding one, three, or five pounds, automatically weighed, stuffed, and sealed, without contact to air. They are oil-and moisture-proof.

The following is a list of the different kinds of cheese:

#### SOFT CHEESE.

Fromage blanc (white cheese).....France  
Cream cheese.....France  
Double cream cheese.....France  
Coulommier cheese.....France  
Mascarpone cheese.....Italy  
Fromaggio fresco di Pecora cheese.....Italy  
Boudou cheese.....France  
Limburger cheese.....Belgium  
Romatoir cheese.....Bavaria  
Fromage de Marseilles cheese.....France  
Pout-L'Eveque cheese.....France  
Void cheese.....France  
Brickbat cheese.....England  
Vachelin cheese.....Switzerland  
Slipcoat cheese.....England  
Cantal cheese.....France  
Livarot cheese.....France  
Gerome cheese.....France  
Mont d'Or cheese.....France  
Brie cheese.....France  
Camembert cheese.....France  
Neuf-chatel cheese.....France  
Brinsen cheese.....Hungary  
Bellelay cheese.....Switzerland  
Brick cheese.....America  
Cottage cheese.....

#### HARD CHEESE.

Cheddar cheese.....England  
Roquefort cheese.....France  
Stilton cheese.....England  
Gorgonzola cheese.....Italy  
Gex cheese.....France  
Blue Dorset cheese.....England  
Emmentaler cheese.....Switzerland  
Gruyere cheese.....France  
Schweitzer cheese.....Switzerland  
Danish Export cheese.....Switzerland  
Edam cheese.....Holland  
Pineapple cheese.....U. S.  
Gouda cheese.....Holland  
Cacio cavallo cheese.....Italy  
Whey cheese.....Norway  
Blunder cheese.....Norway  
Old (Norwegian) cheese.....Norway  
Schabzieger (Sap Sago) cheese.....Switzerland

Zieger cheese.....Switzerland

Modern dairying, more than any other form of commercial activity, adds to the wealth of the Nation. From the cow we obtain milk, cream, cheese, butter, and materials for cream-biscuit, ice-cream, milk-shake, custard pie, Kansas Ambrosia, horn combs, leather shoes, hair for plaster, hoof-glue, ox-tail soup, dried blood, blood for whitening sugar, ground bones for fertilizers, rennet for cheese and material for whitening card-board, which can be made into false teeth. No other animal works both day and night like the dairy cow. She gathers food during the day and manufactures it into milk during the night. She is the mother of all her own kind, and foster-mother of about half of the human kind.

There are thirty dairy States in the United States, 320,000 exclusive dairy farms, and 3,600,000 farms where some dairying is done. Thirty million people are employed in handling dairy products and there are 1,200,000,000 pounds of butter produced in the United States annually. Almost every citizen of this Nation is a consumer of dairy-products in some form.

#### THE MODERN DAIRY.

But it remained for the dairy scientist to transform the crude, unsanitary business into a hygienic, profitable industry. To do this he replaced wooden floors with cement, both in the creameries and dairy barns; secured control of noxious and desirable forms of bacteria and their enzymes; learned to control milk-fever and other dis-

eases of cattle; used sterilized, filtered water, in which our college creamery is foremost; instituted proper drainage; learned to utilize dairy by-products; invented sanitary, labor-saving milking-machines; combined churns and butter-workers; raised the standard of butter, cheese, and certified milk; used paraffin for packing dairy-products; adopted the Wisconsin curd test, the lactometer and modern dairy machinery, and last but not least, improved the dairy breeds of cattle 100 per cent.

Cleanliness and care in handling milk has been employed to a very great extent. For instance, samples of milk obtained from the dairy of H. B. Gurler, De Kalb, Ill., were sent to the Paris Exposition in 1900, and after being in transit from August 29 to September 15, this milk remained sweet three days after arriving in Paris without the use of any preservative.

So with the help of these means our modern dairy cows have been developed from nurses of their young to the greatest food-producers for the human race, and dairying has advanced from unsanitary, unprofitable drudgery to a recognized science and a model business which encourages cleanliness, neatness and industrious habits.

## CLOTHING AT WHOLESALE

37 Samples of Cloth FREE  
Write For It at Once

**BOY'S SUITS \$1.35 UP**

**SUIT** Our leader this Fall is an all wool black Thibet, jet black color, newest cut and finest tailoring. A \$12 suit. Our price only

**\$7.00**

**OVERCOAT** For men. A heavy Scotch Cheviot, 52 inches long with belt. Send for sample of cloth. Only

**\$5.00**

**Boy's Suits and Overcoats at Half Price**

You take no chance in buying your clothing from our Free Catalog; we take back and refund your money for any unsatisfactory garment.

**WE GUARANTEE TO FIT YOU PERFECTLY**

We sell underwear and men's furnishings at factory prices.

Our Free Clothing Catalog with 37 samples of cloth costs you nothing. Write for it at once.

**Kemper-Paxton Mercantile Co.**  
923 Liberty St., Kansas City, Mo.

## A Penny Saved Is A Penny Earned

Suppose you took a wagon load of potatoes to town and sold them for 40 cents a bushel to the grocer. You and his clerk unloaded them, you drove around in front, tied your team and came into the store for your money. When the grocer paid you he deducted five cents a bushel for the services of his clerk in measuring them. Wouldn't you call that nifty?

Is it not just as unreasonable for a creamery company to expect you to pay them for the services of one of their men to weigh and test your cream?

### SHIP YOUR CREAM DIRECT TO US

The difference is this.

When you ship direct you pay only the express.

When you sell to a receiving station you pay the express and a commission besides.

You have the commission and station expense as profit on every pound of butter-fat you ship to us.

Bear in mind WE PAY CASH. OUR PRICE IS THE HIGHEST.

**BLUE VALLEY CREAMERY CO.,**  
ST. JOSEPH, MISSOURI.

Originator of methods for making more profit for the producer.



C. N. Curtis, Lexington, Okla., announces that he has abandoned the idea of having a Berkshire sale as announced earlier in the season.

D. P. Norton, the veteran Shorthorn breeder of Morris County, Kansas, has some excellent heifers and young cows, duly registered, which he will sell at reasonable prices. His post office is Dunlap, Morris County, Kansas. It would interest any Shorthorn breeder to visit this herd, and a visit would surely result in purchase, as Mr. Norton's cattle are of the very best.

Miss Lou Goodwin, the noted breeder of Hereford cattle and Berkshire swine of Blue Rapids, Kans., has an advertisement in the Kansas Farmer about several head of registered yearling Hereford bulls, sired by May's Keep On 94197, which she offers for sale very reasonably if taken at once. They are good, growthy individuals in fine condition and are the sort that discriminating buyers will appreciate. Inspection of the animals or correspondence will be appreciated.

W. N. Messick & Son, Piedmont, Kans., have a herd chuck full of popular blood. Their herd sires are Luster Sunshine, he by Ideal Sunshine and out of Gallie, sweepstake winner of Ohio State Fair. Another by Keep On and one by Mischief Maker and out of a dam of especially good breeding, making a trio of boars as good as the best. They have young boars of breeding age sired by the above boars and out of sows by Proud Perfection, Mischief Maker, Keep On, Perfection E. L., Corrector, Chief Perfection, etc. Write Messrs. Messick, if in the market for such stock. Note advertisement on another page and mention the Kansas Farmer.

W. W. Waltmire, Raymore, Mo., says: "My Chester White hogs are doing fine, and are healthy. I have a fine lot of pigs of either sex from 150 to 250 pounds. I have been very successful in winning premiums on my hogs this fall, winning over 75, and on the sow, Walnut Park Pride, won championship over all breeds at four different fairs. She raised a fine litter of seven pigs, last spring and weighs almost 700 pounds at 2 years old. My herd-header, Champion 10313, weighed between 800 and 900 pounds in show shape this fall. He was third-prize winner at the World's Fair last fall; is an excellent breeder, and I have a few pigs by him, also three other fine boars."

Attention Farmers: We desire to call the attention of our readers to the

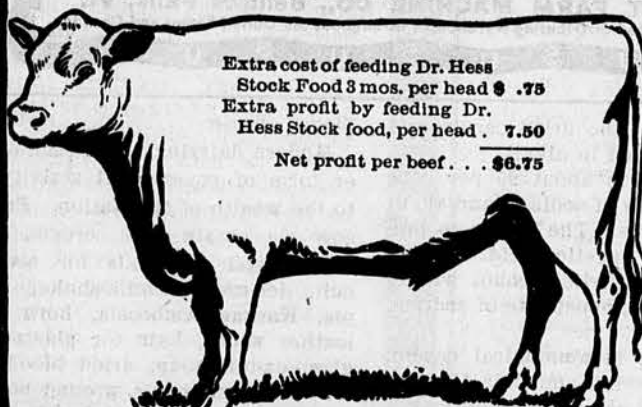
## Keep Books on Your Stock

You would not run a bank account without keeping books. You ought not to feed stock without an accurate record of the cost of every pound of feed consumed, and the net profit per animal. You may be feeding some animals at a loss. A change of feed might turn the loss into gain. Some animals thrive better on one kind of ration than on another, and the record will tell. Again you ought to know the nutritive value of animal food and the price at which each food is profitable to feed. When corn is 50 cents a bushel it is more profitable to sell and substitute some other grains of equal nutritive value that are bringing a lower price. But after all the care and attention to such details it must be remembered that the whole profit of stock feeding depends upon the digestion. It is doubtful if more than 50 per cent. of the food is digested where no tonics or other aids are given the animal system, but where medicinal tonics are added to assist nature, iron is supplied the blood, the nutrients to expel the poisonous waste materials from the system and laxatives to regulate the bowels, the percent of food digested can be kept at the maximum. Such principles are incorporated into

Extra cost of feeding Dr. Hess Stock Food 3 months, per average hog \$ .20  
Extra profit by feeding Dr. Hess Stock Food, per head . . . . . \$4.50  
Net profit per hog . . . . . \$4.30



## DR HESS STOCK FOOD



Extra cost of feeding Dr. Hess Stock Food 3 mos. per head \$ .75  
Extra profit by feeding Dr. Hess Stock food, per head . . . 7.50  
Net profit per beef . . . \$6.75

the prescription of Dr. Hess (M. D., D. V. S.). The ingredients of Dr. Hess Stock Food are recommended by the Veterinary Colleges and the Farm Papers. Recognized as a medicinal tonic and laxative by our own Government, and sold on a written guarantee at

5¢ per pound in 100 lb. sacks; Except in Canada and extreme West and South  
25 lb. pail \$1.60.

A tablespoonful per day for the average hog.  
Less than a penny a day for horse, cow, or steer.  
If your dealer cannot supply you, we will.

Remember that from the 1st to the 10th of each month, Dr. Hess will furnish veterinary advice and prescriptions free if you will mention this paper, state what stock you have, also what stock food you have fed, and enclose two cents for reply. In every package of Dr. Hess Stock Food there is a little yellow card that entitles you to this free service at any time.

Dr. Hess Stock Book Free, if you will mention this paper, state how much stock you have and what kind of stock food you have used

DR. HESS & CLARK, Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Panacea and Instant Louse Killer.

Instant Louse Killer Kills Lice

honest and liberal advertisement of the Gold Coin Stock Food Co., in another part of this paper. They offer to send 100 pounds on trial, free. And also give with each order accepted, a full-size 25-pound pail absolutely free. The Gold Coin Stock Food Co., St. Paul, Minn., is perfectly reliable, we have made investigation and find them highly rated, and their business methods are very commendable. We should like to see a great many of our readers take advantage of this liberal offer. It gives you the opportunity of trying an up-to-date scientifically prepared stock

food, on a plan that will cost you nothing, if they fail to give paying results. Give "Gold Coin" goods a trial!

### Literary Notes from The Youth's Companion.

Quintin Hogg died recently in England. Born to ease and wealth, he became while still in his teens deeply interested in the poor of London, and especially in homeless boys. He lived among them, not as a superior, but as a comrade, that he might learn their ways and needs. With an empty beer-bottle for a candlestick and two Bibles

for books, he began with two crossing-sweepers, and then worked among the shoe-blacks, eating with them and sleeping with them, while all the luxuries of his rich father's house, now occupied by England's prime minister, beckoned him, and were shunned. Out of these early efforts grew the polytechnic clubs and societies, which count their scholars and beneficiaries by the thousand. The Duke of Argyll, who was his schoolmate at Eton and his friend from first to last, has written some delightful reminiscences of him for The Youth's Companion.

# Golden State Limited

Daily Service Begins Nov. 26

## TOPEKA To

Los Angeles,   
Santa Barbara  
 San Francisco.

### FOURTH SEASON--MORE POPULAR EACH YEAR

Elevating every phase of modern train service. Most luxurious equipment made. Buffet-Library-Smoking Car; Rock Island Diner—nothing finer—Drawing-Room and Observation Pullmans.

Barber, bath, daily papers, stock market reports, magazines, Book-lovers' Library, embossed writing paper and envelopes, field glass and camp stools on observation platform; these are some of the comforts for YOU.

Runs via Southern Route—the warm winter way—line of lowest altitudes and easiest grades. Every mile is a mile away from winter.



Leave Topeka 12:45 p. m. Arrive Los Angeles 2:15 p. m. second day.  
For tickets, reservations and all other information, see A. M. FULLER, Rock Island Depot, or write

**J. A. Stewart,**  
General Agent, Kansas City, Mo.



## RECIPROCITY



"The Period of Exclusiveness is Past."

AND  
THE FARMER.

All of the work of Blaine, McKinley, Dingley, Roosevelt and Congress along the line of providing Reciprocity treaties with foreign nations has been "smothered" in some way in the United States Senate. Most of those treaties would have promoted largely the sale of farm products abroad.

In ordinary years we have a great surplus of wheat and other grains as well as of live animals and meats that must find a foreign outlet or prices fall to an unprofitable level.

Now comes Germany with a tariff to go into effect March 1, 1906, which closes the second largest market for food products in the world against us, until we will "tote fair" with her.

Farm products are the first form of merchandise to be hit. Inside of two years, unless the Government acts, we will have lost trade that we cannot afford to lose. There is about \$100,000,000 per year involved in this to American farmers.

We want the name and address of every farmer and business man in the United States who is interested in Reciprocity.

W. E. SKINNER,  
Sec'y American Reciprocal  
Tariff League,  
Great Northern Building,  
Chicago.

The Bride Elect  
deserves a well-groomed groom. That  
means for one thing Williams' Shaving  
Soap.

## Special Homeseekers' Excursion to Michigan.

The Chicago Great Western Railway will sell tickets to points in Michigan at greatly reduced rates for the round trip. Tickets on sale October 17, 31, November 7, 21, and December 5. Final return limit 15 days from date of sale. For further information apply to G. W. Lincoln, T. P. A., 7 W. 9th St., Kansas City, Mo.

Miss Lou Goodwin, Blue Rapids, Ks  
Breeder of  
Hereford Cattle and Berkshires

For Sale—Several head of yearling Registered Hereford bulls sired by May's Keep On 94197. The bulls are good, growthy individuals in fine condition. Will sell very reasonably if taken at once.

Central Kansas Ranch and Farm  
For Sale.

The ranch is ten miles south of Council Grove, and nine miles north of Strong City, Kans. Contains 1160 A., two pastures 640 A. and 200 A. each, and 320 A. in cultivation. Has four-room house, barn, windmill, corrals, etc. Price: \$14.00 per Acre. The farm is two and one-half miles from Council Grove, Morris County, Kans. Contains 195 A. New four-room, two-story house, good barn, watered by wells and springs. 70 A. in cultivation, balance in two pastures. Price: \$25.00 per Acre. Terms can be given. These farms are bargains. Write at once. E. W. Curtis, Care John Deere Plow Co., Kansas City, Mo. Attorney for Curtis Estate.

## SPRAYERS.



A great many dealers in the West are complaining because of poor fruit crop, this past season. One contributing cause in a great many cases, has been the lack of spraying. There is no doubt that a good fruit tree sprayer, properly used, this past season, would have paid for itself.

Our line of sprayers is complete. We have general Western agency for the Field Force Pump Company's line of sprayers:

The "Little Gem" for a few trees.

The "Garfield Knapsack" for special spraying.

The "Empire King" or the "Empire Queen" for small orchards.

The "Orchard Monarch," traction or gasoline engine, driven, for medium and large orchards.

Write for Catalogue.

Now is the time to get your sprayer.

JOHN DEERE PLOW CO.  
Kansas City. Denver.

## 200 HEAD

OF

Imported German Coach, Percheron  
and Belgian Stallions on Hand.

All sound, sold on responsible breeding guarantee. Easy terms to responsible buyers.

Write us for any information in regard to getting a good stallion in your county.

## STABLES.

Kansas City Stock Yards.  
Sedalia, Mo.  
Portland, Oregon.  
San Jose, Cal.

Lafayette, Ind.  
Nashville, Tenn.  
Staunton, Va.  
London, Canada.

J. CROUCH & SON, PROPRIETORS.

## Special Want Column

"Wanted," "For Sale," "For Exchange," and small want or special advertisements for short time will be inserted in this column without display for 10 cents per line of seven words or less per week. Initials or a number counted as one word. No order accepted for less than \$1.00.

## CATTLE.

FOR SALE—Fine young D. S. Polled Durham bulls, get of Duke of Rose Pomona III X 1479 and S. H. 16626 out of Canadian Duchess of Gloster 29th. C. M. Albright, Route 2, Overbrook, Kans.

CHOICE Registered Shorthorn bulls and heifers, cheap. M. C. Hemenway, Hope, Kans.

FOR SALE—Red registered Shorthorn bulls, 11 to 15 months. Must have room for younger stuff. Price right. F. H. Foster, Route 6, Box 18, Lyons, Kans.

FOR SALE—Red Polled Cattle, both sexes, half brothers and sisters to World's Fair winners. Buy while they can be shipped in crate and save freight. D. F. VanBuskirk, Blumound, Kans.

FOR SALE—30 Jersey and a few grade Holstein cows. These cows are young and from good families. Price, \$40. F. D. Wiggins, Route 1, Lawrence, Kans.

TWO AND THREE YEAR old registered Shorthorn heifers and young cows (bred) at snap prices to close out grand stock at finest breeding. D. P. Norton, Dunlap, Kans.

FOR SALE—The pure Cruickshank bull, Violet Prince No. 145647. Has been at the head of our herd as long as we can use him. An extra animal. H. W. McAfee, Topeka, Kans. (2 miles west of Kansas Ave. on 6th Street road.)

WANTED—Man to milk 25 cows and separate cream. Will pay \$25 per month, steady job to the right man. Miller Bros., The 101 Ranch, Bliss, O. T.

FOR SALE—A registered English Red Polled bull. Address W. O. McElroy, Route 24, Auburn, Kans., or call at farm 3 miles north.

HOLSTEINS—Mr. Dairyman! Your herd did not average over 3,000 pounds of milk a head last year. If you use a Holstein bull, the heifers will beat that with the first calf, and you can quickly grade up to double that average. I would like to sell you a bull calf. H. B. Cowles, Topeka, Kans.

FOR SALE—10 Registered Galloway bulls, cheap. J. A. Darrow, Route 3, Miltonvale, Kans.

FOR SALE—One straight Cruickshank bull, 14 months old, dark red, extra good animal. H. W. McAfee, Topeka, Kans.

REGISTERED GUERNSEY BULLS—Ready for service. Also pure-bred Scotch Collie puppies. Dr. J. W. Perkins 422 Altman Bld., Kansas City, Mo.

FOR SALE—Registered Jersey cattle. Two yearling bulls. Sires: A son of Bessie Lewis, 32 lbs. butter 7 days, and "Financial Count" (Imported) grand dam held Island butter record 3 years. Sire's dam holds public milk record of 58 pounds daily, and his dam and Island winner in class for 2 years. Her 4 dams 22 to 26 quart cows, and all winners. Sayda Polo Jersey Farm, Parsons, Kans.

## SWINE.

FOR SALE—Say! I have some fine, big-boned, broad-backed Berkshires, brood sows or pigs. Want some? Write me; turkeys all sold. E. M. Melville, Eudora, Kans.

FOR SALE—I have 4 very fine Duroc-Jersey boars, that owing to the lateness of the season will sell very cheap. Here is a sample one farrowed Jan. 22, 1905, just right in color, good bone, will make a very large hog weighs now about 275 pounds. \$15 crated and f. o. b. at Topeka, pedigree furnished. Address J. W. Ferguson, Route 1, Topeka, Kans.

## HORSES.

FOR SALE—The best seven-eighths black Percheron colt I ever saw, coming 2 years old; also other good ones and some fillies. F. H. Foster, Route 6, Box 18, Lyons, Kans.

FOR SALE or trade, one large, black jack, 16½ hands high, weight 1500 lbs. Sure foot getter; also one trotting stallion, sure breeder. Thos. Brown, Palmer, Kansas.

LOST OR STRAYED—Brown mare, weight 1100 pounds, white spot in forehead, barb wire cut on side, somewhat away backed. Suitable reward for return. J. W. Gillard, 836 Highland ave., Topeka.

## SEEDS AND PLANTS.

Pure English Blue Grass Seed.

One thousand bushels of FANCY English Blue Grass, Strictly Clean. \$6.00 per hundred pounds or \$1.35 per bushell f. o. b. Independence Kansas. No charge for sacks. Send for sample. UNION IMPLEMENT & HARDWARE CO.

## POULTRY.

GOOD R. C. W. Leghorn cockerels 75 cents and \$1 each. Six of better ones \$5, of second grade \$4. G. S. Howell, Route 2, Emporia, Kans.

## Stray List

Week Ending October 23, 1905.

Meade County—D. P. Wyson, Clerk. HORSES—Taken up by W. W. Ward, in Mertella tp., one 4-year-old bay gelding, left hind foot is white; one 7-year-old brown gelding, flying X on left thigh; also one 5-year-old brown mare; valued at \$50 each.

Week Ending November 4, 1905.

Reno County—F. E. Lang, Clerk. STEER—Taken up by F. R. Newton, in Grant tp. Oct. 16, 1905, one 2-year-old red steer, white face, long horns, underbit in each ear; valued at \$20.

Stafford County—W. W. Hall, Clerk. CATTLE—Taken up by T. B. Ungles, in Rose Nalley tp., one coming yearling steer, red, white spot in forehead; valued at \$10; also one coming yearling heifer, color red; valued at \$10.

Week Ending November 11, 1905.

Jac son County—T. C. McConnell, Clerk. STEER—Taken up by J. M. Horner, in Jefferson tp. November 6, 1905, one 2-year-old red steer, branded on left hip, crop out of underpart of right ear; number 490.

Week Ending November 18, 1905.

Kearny County—F. L. Pierce, Clerk. COW—Taken up by H. H. Smally, in Kendall tp. October 28, 1905, one red cow, with white face, V on left hip; valued at \$25.

## FARMS AND RANCHES.

KANSAS LANDS.—I have a choice lot of well-improved farms in Marion County, varying from \$20 to \$50 per acre. Also large list of Western Kansas lands. For full particulars, address, A. S. Quisenberry, Marion, Kans.

FOR SALE—320 acre well improved farm 6 miles from Emporia. Price, \$25 per acre. Write Hurley & Jennings, Emporia, Kans.

GOOD BARGAINS—80 acres, small improvements, \$1,600; 160 acres, 80 acres cultivated, improved, \$3,200; 160 acres, all bottom, fine land, \$5,000; 480 acres, nice smooth land, \$17 per acre; 640 acres, fine wheat section, \$16 per acre. All sizes and kinds. Write to Minneapolis, Florence, or Salina, Kansas, for list. Garrison & Studebaker.

FOR SALE.—A good farm of 320 acres in Anderson County, Kansas, main line Missouri Pacific railway, R. F. D., near to school and church, American community, good improvements; \$22.00 per acre. A bargain. Address O. J. Prentice, 166 Wa bash avenue, Chicago.

320 ACRE IMPROVED FARM, 4½ miles from Bazine, Ness County, Kans. 100 acres in wheat. Price, \$4,000. Address, C. S. Eno, Bazine, Kans.

FIFTY farms in Southern Kansas, from \$15 to \$70 per acre; can suit you in grain, stock or fruit farms. I have farms in Oklahoma, Missouri and Arkansas for sale or exchange. If you want city property, I have it. Write me. I can fix you out Wm. Green, P. O. Box 506, Wichita, Kans.

WE HUSTLE—If you have real estate or merchandise for sale or exchange, list with us. Send description and price. Black & Barnes, Real Estate Brokers, Harrisonville, Mo.

CHASE COUNTY PASTURE FOR SALE—Consisting of 2,040 acres, located one-half mile from Bazaar, Kansas, on the line of the Orient Railway. All under fence. There is never-failing water in abundance with about one and one-fourth miles of creek with some timber and never-failing springs. Price, \$10 per acre. Address J. J. Carter & Co., Central Nat'l Bank Bldg., Topeka, Kans.

LAND FOR SALE  
in Western part of the great wheat State. H. V. Gilbert, Wallace, Kans.

SAY If you want a tame grass, corn and wheat farm address Buckeye Agency, Williamsburg, Kas.

## KANSAS LAND FOR SALE.

Corn land, wheat land, alfalfa and ranch land. Write us for prices. Niquette Bros., Salina, Kansas.

FOR SALE—80 acres Arkansas second bottom, 4 miles east of Great Bend. All in cultivation. Fine alfalfa land. Address R. care Kansas Farmer, Topeka, Kans.

FARMS FOR SALE—80 acres, 6½ miles N. W. of Topeka, 80 acres in growing wheat, balance alfalfa, pasture and orchard, house, barn, crib, and out-buildings, \$3,000, half cash; 160 acres, 8 miles S. W. of Topeka, 44 under cultivation, 23 meadow, 90 prairie, 3 timber house, barn, wells, creek and good cross fences; \$4,800; 355 acres, 11 miles S. W. of Topeka, 100 acres under cultivation, 255 in pasture, spring and creek, well fenced, a good proposition for \$35 per acre; 80 acres, well improved, near Pauline, an excellent dairy place, \$60 per acre; 80 acre farm near Lyndon, Kans., well improved, \$3,200; 700 acres in Ellis County, partially improved, and cut up in small farms, \$10 per acre; 1,250 acres in Kearney County, 8 miles south of Deerfield, \$2 per acre. Also farms in all parts of this state and Oklahoma. List your farm with us. Eastman & Lakin, 115 W. 6th Ave., Topeka, Kans.

## MISCELLANEOUS.

FOR SALE—Second-hand engines, all kinds and all prices; also separators for farmers' own use. Address the Geiser Mfg. Co., Kansas City, Mo.

WRITE TO-DAY to Box 483, Seneca, Kansas, for particulars as to lay-out to a good blacksmith.

WANTED—Your apples to grind. I do custom work every Saturday at my mill on West Sixth St. H. W. McAfee, Topeka, Kansas.

LIVERY BARN for sale or trade for well located hardware. Nearly new livery barn 50 by 70 feet. Well located in corner lot Fredonia, Wilson County, Kansas. Trade for clean hardware; stock in good Central Western Kansas. H. M. Davis, owner, Thayer, Kans.

AGENTS WANTED Sell \$1 bottle Sarsaparilla for \$5; best seller; 200 per cent profit. Write today for terms. F. R. Greene, 115 Lake St., Chicago

BED-WETTING CURED  
Free Dr. F. E. May, 2327, Bloomington, Ill.

WE PAY \$36 A WEEK AND EXPENSES  
to men with right to introduce poultry compound. Year's contract. IMPERIAL MFG. CO., DEPT. 18 PARSONS, KANS.

TAPE-WORM Expelled  
alive in 60 minutes with head, or no fee. No fasting. Large pamphlet for 2c stamp. DR. M. NEY SMITH, Specialist, 809 Pine St., St. Louis, Mo.

YOU CAN MAKE \$5.00  
a day showing your friends and neighbors our Patent Self-sharpening Shears. Experience unnecessary. General Agents wanted on salary. ZIEGLER CO., Philadelphia, Pa.

WANTED—Lady Agents \$3 to \$6 per day, introducing into every household our brand new style hat pins. Exclusive territory, success certain. Send 25 cents for sample. W. M. Judy Co., 211 W. 9th St., Cincinnati, O.

RAW FURS ONE MILLION WANTED  
Am authorized to pay fancy prices to fill European orders. Write for my special quotations. Address, A. E. BURKHARDT International Fur Merchant, Box 38, CINCINNATI, O.

FOR SALE  
15 varieties pure-bred chickens, ducks and turkeys. Fowls and eggs at low prices. Write for catalogue. H. H. HINIKER, Mankato, Minn.

FUR ROBES, COATS, MITTENS,  
at first cost. Ship us your cattle, horse, mule and animal skins. We tan, and manufacture to order. Soft, pliable, wind, water and moth proof. Sample free. Logansport Robe and Tanning Co., 5 High St., Logansport, Ind.



## POULTRY BREEDERS' DIRECTORY

B. F. Rock Cockerels \$1.50 each; W. H. Turkey toms, \$3.50 each. Address or call on T. J. Sweeney, Route 2, Maple Hill, Kans.

A CHOICE lot of pure-bred White Wyandotte cockerels for sale at \$1 each. Mrs. C. E. Williams, Irving, Kans.

WHITE Plymouth Rock cockerels for sale. Pure white, yellow legs, bayeyes, fine shape. Write for prices, they are right. J. C. Bostwick, R. 2, Hoyt, Ka.

CHOICE B. F. ROCK cockerels and pullets—Collie pups; send for circular. W. B. Williams, Stella, Neb.

S. O. B. LEGHORNS EXCLUSIVELY—Some fine young cockerels and pullets for sale cheap if taken early. J. A. Kaufman, Abilene, Kans.

EGGS FOR SALE—S. O. W. Leghorns, W. Wyandottes, \$1 per 15. W. H. turkeys, \$1.50 per 9. Borden geese, 200 each. W. African guineas, \$1 per 17. All guaranteed pure-bred. A. F. Huttley, Route 2, Maple Hill, Kans.

WYANDOTTES, White and Silver, and W. H. Turkeys. High grade stock at low prices. Write your wants to R. Boyd Wallace, Stafford, Kans.

ROSE COMB RHODE ISLAND RED Chickens. Thoroughbred Duroc-Jersey pigs. High-grade Red Polled bull calves. Prices reasonable. Address I. W. Poulton, Medora, Kans.

NEOSHO POULTRY YARDS—Rose Comb R. I. Reds and Buff Orpingtons, some good Red and Buff cockerels from stock scoring 90 to 94% points. Prices reasonable. J. W. Swartz, Americus, Kans.

FOR SALE—Exhibition S. C. Black Minorca cockerels, \$2. I guarantee them. Address George Kern, 317 Osage St., Leavenworth, Kans.

FOR SALE—50 Single Comb White Leghorn cockerels and a few choice pullets. Wyckoff laying strain. How to make your own stock food. Henry Martin, Newton, Kans.

MAMMOTH BRONZE TURKEYS and Golden Wyandottes. Young stock for sale. Address, Mrs. A. B. Grant, Emporia, Kans.

I WANT 12 hens and one male Silver Laced, or White Wyandottes; will buy, or exchange Rhode Island Reds. J. C. Lehmer, Americus, Kans.

STANDARD BRED SINGLE COMB BUFF LEGHORNS—Headed by first prize pen Chicago Show 1903 and took six first prizes and first pen at Newton 1904. Eggs, \$3 for 15. S. Perkins, 301 East First Street, Newton, Kans.

S. C. W. Leghorns and Buff Rocks. Winners at State Fairs. Eggs, \$1 per sitting. J. W. Cook, Route 8, Hutchinson, Kans.

TO GIVE AWAY—50 Buff Orpingtons and 50 Buff Leghorns to Shawnee county farmers. Will buy the chicks and eggs. Write me. W. H. Maxwell, 921 Topeka Ave., Topeka, Kans.

BARRED AND WHITE PLYMOUTH ROCK Eggs, \$2 per 15; \$5 per 45. Hawkins and Bradley strains, scoring 93% to 94%. Mr. & Mrs. Chris Bearman Ottawa, Kans.

WHITE WYANDOTTES—Choice Cockerels Pullets or Hens for sale cheap. S. W. Arts, Larned, Kansas.

SINGLE COMB WHITE LEHOBH cockerels, \$1 each; two or more 80 cents each. Fine white, pure, thoroughbred birds. Also a few Barred Plymouth Rocks, barred to the skin, fine, pure and vigorous; hens, cockerels, cocks and pullets, \$1 each; two or more, 80 cents each. All of our customers are very well pleased. We will make reductions on large lots. Meadow Poultry Farm, Coulterville, Ill.

PURE-BRED S. C. B. Leghorn cockerels, 75 cents each, six for \$4. F. P. Flower, Wakefield, Kans.

Large snow-white Plymouth Rocks—Line-bred for 10 years, weigh from 9 to 12 lbs., score up to 98 by Emery in show room, 9 firsts on pen at 9 leading shows, 500 fine cockerels and pullets for sale cheap. Address Chas. C. Fair, Sharon, Kans.

## SAVE YOUR CHICKS.

Use the Itumar Mite and Lice Killer, a mite and lice destroyer. Guaranteed to kill mites and lice if properly used. If not satisfied return bottle and label and money will be refunded.

CHAS. E. MOHR, Clendale Park, Hutchinson, Kansas.

## YOUNG STOCK.

A fine lot of White Plymouth Rock cockerels and pullets and White Wyandotte cockerels from our prize-winning strains for sale at attractive prices.

W. L. BATES, Topeka, Kansas.



Johnson's Laying Strain

R. C. BROWN LEGHORNS

Stock for sale. Come early and get the cream. About 100 selected cockerels from \$1 to \$2 each. Reduction on four or more.

H. M. JOHNSON, Formosa, Kans.

200

## Barred Rock Cockerels

For Sale. Bred by the First Prize cockerel Kansas State Show 1905. If you want first-class cockerels for utility or the show room, write me at once. I can please you in both quality and price. I also have 30 yearling hens, (cockerel bred) cheap to make room. Let me make a trio or a pen for you that will give satisfactory results. Satisfaction guaranteed or money refunded. A. H. MILLER, Bern, Kans.

## SCOTCH COLLIES.

SCOTCH COLLIES—Scotch Collie pups from registered stock for sale. Emporia Kennels, W. H. Richards, V. R. Emporia, Kans.

SCOTCH COLLIE PUPS FOR SALE—7-months old. Pedigree furnished. Address Chas. W. Graham, Bucklin, Kans.

## The Poultry Yard

CONDUCTED BY THOMAS OWEN.

## Turkey Ails—Cockerel Question.

EDITOR KANSAS FARMER: I have a flock of 14 turkeys. They have been healthy until now, I notice their heads are beginning to swell. They eat well of corn, Kafir-corn and wheat. They have the run of the farm, and roost on the roof. What can I do for them?

How many roosters are needed for a flock of 100 hens?

MRS. WILLIAM THOMAS, Russell County.

Answer.—First, your turkeys are evidently suffering from a bad cold, incident to roosting out of doors at night. If not attended to, it will probably develop into roup, a disease equivalent to diphtheria in the human family. The first thing to do is to see that they are properly housed at night. Anoint their heads with carbolic ointment and put a few drops of turpentine and carbolic acid in their drinking water.

Second, as to the number of roosters required to 100 hens, it depends on the variety of fowls and as to whether they are penned up or not. The smaller breeds, such as Leghorns, being more active than the larger breeds, require fewer roosters. If penned, eight Leghorn roosters would be sufficient for 100 hens, while it would require twelve or fourteen roosters of the Brahma or Cochins breeds. If the fowls have free range, five Leghorn roosters are sufficient and eight of the larger varieties.

## Poultry Notes.

N. J. SHEPHERD, ELDON, MO.

Peach and plum-trees are both less liable to disease when grown in the poultry yard. They will make a better growth and at the same time afford a good shade for the poultry.

To have hens put on flesh or lay more or less in winter they must have a warm place and be fed liberally on food which contains gluten (albuminoids), and fat. It should be varied and mixed with some coarse kinds.

Poultry if properly managed will enlarge the income of those who have room and properly care for them, besides proving a healthy addition to the food supply of the table.

While a bird defective in comb or otherwise imperfect, bred from good stock, is really worth more to the practical farmer than his appearance may indicate, at the same time it is hardly wise to sell such poultry for breeders.

There is no better food for hens as an occasional change than sorghum seed. And one of the best ways of feeding it is hanging it up just where the fowls can reach it by jumping up, as by this means both food and exercise are permitted.

One advantage in culling out the flock seasonably early is the saving of feed. From this time on the poultry should be fed regularly daily, and the feeding of useless fowls adds largely to the expense, and the sooner they are gotten rid of the better.

In nearly all cases the flesh of fowls that have been well fed all through their growth will be much juicier and richer in flavor than those fattened from a low condition and crammed just before killing in order to make them heavier.

Wheat is one of the best grains for poultry and especially for the laying hens and is well liked by all fowls. It is rich in material for growth and stimulates the egg-production, while it seems easy of digestion. If too much of it is given suddenly, it sometimes sets up a diarrhea.

When hens are confined to yards they are too frequently gorged with food which makes fat instead of producing those elements which go to make up an egg. No single food contains all the elements necessary in proper proportion for egg-production; a variety must be sought.

## Poultry Pointers.

Whenever a warm spell comes in winter it can be noticed that more eggs are obtained and that as soon as the weather becomes cold again the supply falls off. This shows that warmth is a factor in the production of eggs. It is not necessary to have summer weather. It is when the hens escape the extreme cold of winter that they begin to lay. If the changes of weather make a difference in laying, then a warm poultry house should also have an influence. When poultry must resort to the tree-tops, and be exposed to snow, rain, hail and wind, they can only keep alive, being unable to assist the farmer by producing eggs. If you want eggs in winter, you must provide a good, warm house for them, as well as provide pure, nourishing food.

Fine chaff and dry leaves gathered in the fall are to be preferred to hay, for litter in the scratching pen. The hens eat the hay and the winter rarely passes without several becoming crop-bound, with a disagreeable operation or death as the result. If you have lots of alfalfa leaves in your hay-mow, they are the best litter of all for scratching hens, for it is not only good for them to scratch but is a valuable addition to the feed necessary for producing eggs.

The natural food of the hen is grain, seeds, insects, bugs and green stuff, a pretty well balanced ration. If this kind of food is not supplied to them in winter, little success in egg-production will be obtained. When these necessities are not supplied, the proper egg-forming material is not available and the hen finds it quite impossible to produce the eggs. The grain, seeds and green stuff are comparatively easy to get, but a substitute for the insects and bugs is not so easy to find, although cut green bones come nearer to them than anything else. Green bones are rich in nitrogen and, therefore serve as food; when a bone contains a large proportion of meat it is all the more valuable. Bones serve several purposes when used for poultry. Being phosphate of lime they are capable of being digested, which is not the case with oyster-shells and grit; and they supply the birds with elements that may be lacking in the food. They also assist in grinding the food, taking the place of grit, and are readily accepted by all classes of poultry. In fact, it is safe to claim that there is nothing that can be used as egg-producing food which serves the purpose so well as green bone, its combination of quali-

ties, nitrogen, lime for egg-shells, adaptation to all fowls, and cost, give it a place even higher than meat, which contains nitrogen, but no lime or other mineral matter. Therefore, in preparing a diet for poultry, either with a view to increasing the vigor of the bird or developing its egg-producing organs, such food should be selected as science and chemistry have demonstrated to be component parts of the structure to which they are afforded as nutriment and sustenance. None possess these qualifications to such a marked degree as does fresh green bone, which is, therefore, a necessity for the highest success in egg-production.

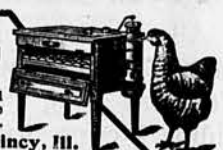


## STOLL'S STAY-THERE EAR MARK.

The best and cheapest ear-mark made. It possesses more points of merit than any other make. Send for samples. H. C. Stoll, Beatrice, Neb.

\$12.80 For 200 Egg INCUBATOR

Perfect in construction and action. Hatches every fertile egg. Write for catalog to-day. GEO. H. STAHL, Quincy, Ill.



## White Plymouth Rocks EXCLUSIVELY.

Good for Eggs, Good to Eat, and Good to Look at. W. P. Rocks holds the record for egg-laying over every other variety of fowls; eight pullets averaging 750 eggs each in one year. I have bred them exclusively for twelve years and have them scoring 94 to 95%, and as good as can be found anywhere. Eggs only \$2 per 15; \$5 per 45, and I prepay expressage to any express office in the United States. Yards at residence, adjoining Washburn College. Address: THOMAS OWEN, Sta. B, Topeka, Kans.

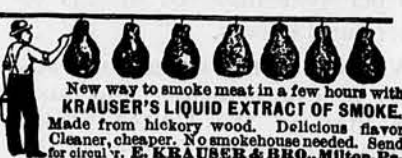


## DUFF'S POULTRY

Barred Plymouth Rocks, White Plymouth Rocks, Buff

Cochins, Partridge Cochins, Light Brahmas, Black Langshans, Silver Wyandottes, White Wyandottes, Silver Spangled Hamburgs, Brown Leghorns. First-class Standard Stock of Superior Quality. Stock For Sale. Eggs in Season. Write Your Wants. Circular Free.

A. H. DUFF, Larned, Kans.



New way to smoke meat in a few hours with KRAUSER'S LIQUID EXTRACT OF SMOKE. Made from hickory wood. Delicious flavor. Cleaner, cheaper. No smokehouse needed. Send for circular v. E. KRAUSER & SONS, Milton, Pa.

**SKUNK** Skins, HORSE HIDES and CATTLE HIDES and all other kinds of RAW FURS bought for spot cash. 10 to 50% more money for you to ship Raw Furs and Hides to us than to sell at home. Write for Price List, Market Report, and about our **HUNTERS' & TRAPPERS' GUIDE** \$5.00. Best thing on the subject ever written. Illustrating all Fur Animals. 300 Pages, cloth bound. All about trapping, kinds of Traps, Decoys, Trappers' Secrets. Price \$1.50. To Hide and Fur Shippers \$1.00. **ANDERSCH BROS., Dept. 75 Minneapolis, Minn.**



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## Rock Island

On Nov. 21st, Dec. 5th and 19th, Rock Island agents will sell you tickets to points in Arkansas, Oklahoma, Indian Territory, Louisiana, New Mexico and Texas at 75 per cent of the one way rate for the round trip, with minimum of \$10.

Tickets will be limited for return 21 days from date of sale. For full information see

A. M. FULLER, C. P. A., Topeka, Kans.



**DUROC-JERSEYS.**

**D. M. TROTT** Abilene, Kans., famous Duroc Jerseys and Poland-Chinas.

Write us for description on June, July and August pigs. Prices \$8 to \$10 each. Eight choice herd sows, guaranteed. Prices right if taken at once. **NEWTON BROS.,** Breeders of Registered Duroc-Jersey swine.

**Pearl Herd Duroc-Jerseys**  
For Ready Sale—30 well-grown spring boars and 55 gilts, sired by Pearl Wonder 31895, Cherry Boy 31895 and Wichita Prince 28209. Address (wire or phone) **C. W. Taylor, Pearl, Dickinson County, Kans.,** (mail) Route 2, Enterprise, Kans.

**COUNTY SEAT HERD DUROC-JERSEY SWINE**  
Geo. Briggs & Son, Clay Center, Neb., Young stock for sale.

**DUROC-JERSEYS**—Large-boned and long-bodied kind. A fine lot of spring pigs either sex, for sale. Prices reasonable.  
**E. S. COWEE, R. F. D. 2, Scranton, Kans.**

**MAPLE AVENUE HERD** **J. U. HOWE,**  
**Duroc-Jerseys** Wichita, Kansas  
Farm two miles west of city on Maple Avenue

**Fairview Herds, Duroc and Red Polled**  
A few spring boars and Red Polled Bull Calves for sale.

**J. B. DAVIS, Fairview, Brown Co., Kas.**

**DUROC SWINE—Cheap**  
20 head of bred gilts, 20 boars large enough for service, and 40 sucking pigs and 2 large herd boars. Write for prices.  
**CHAS. DORR, Route 6, Osage City, Kansas**

**Sabetha Herd of Duroc-Jerseys**  
Bred sows and gilts a specialty. Two of the best boars in the country at head of herd. Write for prices or call. Phone at farm.  
**George Kerr, Sabetha, Kans.**

**GOLDEN RULE STOCK FARM**  
**LEON CARTER, Morr., Asherville, Kans.**  
Gilt-edged Duroc-Jersey Swine.

**Wheatland Farm Herd**  
**DUROC-JERSEYS**  
For Sale—Fall gilts, tried brood sows, bred and open and spring pigs of either sex.  
**GEO. G. WILLEY & SON, South Haven, Kans.**

**SUNNYSIDE HERD OF DUROC-JERSEY SWINE.**  
Aged sows, yearling sows, spring boars and gilts for sale cheap. Our brood sows have all been prize winners in hot competition. Our spring pigs are sired by Burrills Hague 21469 and Sunnyside Prince 31899. Hague & Sons, Route 6, Newton, Kansas. Phone on farm.

**Orchard Hill Herd**  
**OF DUROC-JERSEYS**  
20 fine March and April pigs, sired by Norton's "Wonder," and from aged dams, for sale.  
**R. F. NORTON - Clay Center, Kans.**

**CRIMSON HERD OF DUROCS.**  
Our herd is headed by first prize boar, Crimson Wonder, Jr., 38755, by Crimson Wonder 26355, the great boar, winner of many firsts, assisted by Kerr Champion 34469. Some fine boars for sale, weigh about 200, also some sows and gilts bred to those fine sires, also a few boars from McFarland herd. We can mate trios not akin at \$45.00. Mr. & Mrs. Henry Shrader, Wanneta, Kans.

**EUREKA MANOR HERD OF DUROC-JERSEYS.**  
A choice lot of young boars and gilts—the tops of my herd, all others having been castrated. My breeding stock is the get of the great show and prize-winning herds of the country. Hence these young boars and gilts are bred right. They have also been fed right, therefore are sure to please the most exacting. Hogs ready for immediate delivery. Correspondence invited. Address  
**J. F. Ensor, Olathe, Kans.**

**JOHN W. JONES & SON,**  
breeders and shippers,  
**High Class Duroc-Jersey Swine.**  
100 head of very choice stock; either sex. For sale at reasonable prices. Nothing better. Write us at **R. F. D. No. 3, Delphos, Kans.**

**ROCKDALE HERD OF DUROC-JERSEYS**  
I have for sale, 35 head of the best boars I ever raised of March and April farrow. Sired by Chief Perfection No. 20609 by Van's Perfection No. 11571, Improved 3rd No. 28361 by Improver 2nd No. 13365, Dandy Orton No. 38879 by Orton No. 6298 and Sir Bunceton 22311 by Ohio King No. 12179. All out of matured sows of up-to-date breeding. Write me your wants. Visitors always welcome. Satisfaction guaranteed. **J. F. Chandler, Frankfort, Kan.**

**75 DUROC BOARS**  
Seventy-five head of large type Duroc boars for sale. Dams are mostly by my 1,000-pound Kansas Wonder, and sired by World's Fair prize hog, "Big Chief Ohio," and Ripley, a son of Grand Champion at St. Louis. Public sale of 60 sows and boars, October 25, 1905—the pick of 250 head.  
**CHESTER THOMAS, Waterville, Ka.**

**POLAND-CHINAS.**

**Kansas Herd of Poland-Chinas** has bred gilts and W. R. C. Leghorn chicks. **F. P. Maguire, Hutchinson, Kansas.**

**Maple Grove Herd High Class Poland-Chinas.** A grand lot of spring boars and gilts, sired by Corrector 3d 30129 and out of Hadley I Know, Black U. S. M's Black Chief and other sows of like quality. Prices right. **J. W. Keck, R. F. D. 23, Auburn, Kans.**

**POLAND-CHINAS.**

**MAPLE VALLEY STOCK FARM**

Pure-bred Poland-Chinas from leading strains. Visitors welcome and correspondence solicited. Satisfaction guaranteed. **C. F. BROWN, R. 2, Whiting, Kas.**

**FOR SALE** Poland-China Hogs, Holstein-Friesian Cattle; either sex. Best strains represented  
**H. N. HOLDEMAN, R. R. No. 2, Girard, Kans**

**Elm Grove Stock Farm Poland-Chinas.**  
Bred Sod Sale February 14, 1906.  
At Osborne, Kans.  
**F. A. DAWLEY, Waldo, Kans.**

**THE ELM GLEN FARM**  
**HERD OF POLAND-CHINAS**  
Boars, Gilts, and Bred Sows. Quality and good breeding combined. **Wm. Knox, South Haven, Kans.**

**Oak Grove Stock Farm**  
**POLAND-CHINAS**

Best breeding and individuality; B. P. Rock Chickens, best strains, large size. A few choice boars, ready for service, and pigs, both sexes, for sale at reasonable prices. Chockers \$1.00 each.

**E. E. AXLINE** Oak Grove  
Missouri  
Long Distance Phone at farm, Jackson Co., Mo.

**Pecan Herd of Poland-Chinas**  
Best strains. Large and grothy, yet with plenty of finish. A few sows bred for Sept. Farrow for sale (good ones). Write us what you want.  
**J. N. WOODS & SON, Route 1, Ottawa, Kans**

**ROME PARK POLAND-CHINAS**  
**and BERKSHIRE BOARS**

A few yearling and winter and spring boars in special offer. Write at once. Also sows, gilts and pigs of either sex. Would take pleasure in showing them to you.  
**T. A. HUBBARD, (County Treasurer Office), Wellington, Kans.**

**Main's Herd of Poland-Chinas**  
A grand lot of spring and last fall pigs, sired by the great show hog, Empire Chief 303768 out of number one sows. They take on the large size and heavy bone of their sire. Sows including Empire Chief gilts, bred for fall litters to Roller Trust, he by High Roller, the Ohio champion. 240 in herd. Fed for breeders. Priced reasonable. Annual sale October 25.  
**James Mains, Oskaloosa, Jefferson Co., Kan**

**Park Place Herd, Poland-Chinas**  
Four first, one second won at Topeka, 1905; six firsts, five seconds, and three sweepstakes at Hutchinson, 1905. These winners and others for sale. All fashionably bred.  
**A. P. WRIGHT, Valley Center, Kans.**

**GUS AARON'S**  
**POLAND-CHINAS**  
Route 5, Leavenworth, Kans.

Choice young boars of April and May farrow sired by Beauty's Extension, for sale. Also bred sows and gilts, all with good colors, bone, fancy head and ears. The herd boar, Beauty's Extension 27966, for sale. Some snaps here. Visitors welcome. Mention Kansas Farmer and write for prices.

**Spring Creek Herd of**  
**POLAND-CHINA SWINE**  
Ds. Ideal Sunshine Chief, On and On and U. S. Model in service. Will sell 6 gilts bred to D. Ideal Sunshine and 4 boars in Arkansas City, sale November 16, 1905.  
**G. M. Hebbard, Route 2, Peck, Kansas**

**Pure Poland-China Hogs.**  
We have a few fall and winter boars sired by American Royal 81505 A and Onward 97359 A, he by Keep On 61015 A, out of some of our best sows. Also some spring pigs by same boars.  
**J. R. KILLOUGH & SONS**  
**OTTAWA, KANS.**

**HIGHLAND FARM HERD OF PEDIGREED**  
**POLAND-CHINAS**

Twenty serviceable boars at special prices for next 30 days, sired by Black Perfection 37132, Slick Perfection 32604, Perfection Now 32580, and Ideal Perfection. They are lengthy and good-boned pigs, with plenty of finish. Write me description of what you want and I will guarantee satisfaction.  
**JOHN BOLLIN, Route 5, Leavenworth, Kans.**

**200 HEAD POLAND - CHINAS**  
W. R. Peacock's Poland-Chinas, at Sedgwick, Kansas. 200 head in herd. Boars in service are Mischief Maker I Know; brother in blood to Grand Champion Meddler O's. Corrector brother to Grand Champion Corrector 2nd. Klever's Perfection, sire to 7 head winning 7 firsts and seconds, and Sweepstakes prizes at the Hutchinson fair, 1904. Watch the Kansas Farmer for public sale date.

**Mains Fancy Poland-Chinas**  
Forty number one Empire Chief spring boars ready for service and 40 number one Empire Chief sows and gilts open, or bred to Roller Trust. All priced to move them at once. Describe what you want.  
**JAS. MAINS,**  
**Oskaloosa, Jefferson Co., Kans.**

**POLAND-CHINAS.**

**DIRGO BREEDING FARM**

**J. R. Roberts, Prop., Deer Creek, Okla.**  
Breeder of up-to-date Poland-Chinas. A choice lot of boars of serviceable age for sale at prices which should make them go at once. Write me before placing your order.

**SNYDER BROS.**  
**Winfield, Kans.**

Breed and have for sale Percheron stallions, Polled-Durham cattle, and choicest strains of Poland-China hogs. Correspondence and inspection invited.

**A. B. MULL, Iola, Kans.**  
Will sell two yearling and one 3-year-old bulls, one cow and two yearling heifers and two fashionably bred Poland-China sows with litters in the combination sale at Coffeyville, Kans., December 8 and 9, 1905.  
Write for particulars, mentioning Kansas Farmer.

**Venus Star Herd**  
**OF**  
**HIGH CLASS POLAND-CHINAS**

Three fall boars by Luster Sunshine out of dams by Proud Perfection and a choice lot of spring boars of same breeding and by Chief Keep On and Mischief Meddler; all of up-to-date breeding. Write or come and see them.  
**W. N. Messick & Son, R. 1, Piedmont, Ks.**

**CHESTER WHITES.**  
**D. L. Button,** Elmont, Shawnee County, Kansas  
Breeder of Improved Chester-White Swine. Young stock for sale.

**O. I. C. SWINE**  
Choice young stock of both sexes for sale at very low prices.  
**S. W. ARTZ, LARNED, KANS.**

**Champion Chester Whites Breeders Attention**  
You know who has won the prizes at the leading State Fairs the last three years. Send to headquarters for your herd headers.  
**F. D. HUBERT,**  
**Chickasaw Co., Nashua, Iowa.**

**World's Fair**  
**CHESTER-WHITE HOGS**  
Shorthorn cattle, Oxford sheep and Peafowls. I won 13 prizes on 14 head of Chester-Whites at World's Fair, 1904. Four herd boars in use.  
**W. W. WALTMIRE, Peculiar, Mo.**

**O. I. C. Hogs**  
**Scotch Collie Dogs**  
**B. P. Rocks**  
One hundred grand pups sired by the two greatest stud dogs in the west, Gragsmere Wonder and Brandane Noble. We are selling more Collies than any firm in America. Why? Because we have the blood, our prices are moderate, and our dogs are workers as well as blue blooded.  
With each Collie sold by us we send a book "The Useful Collie and How to Make Him So." Write at once for they are going fast.  
**Walnut Grove Farm,**  
**H. D. Nutting, Prop., Emporia, Ks.**

**High Point Stock Farm**  
I have choice O. I. C. and Duroc-Jersey males. Also bred O. I. C. and Duroc-Jersey gilts for sale. B. P. Rock cockerels and eggs in season. Write or come and see  
**J. R. EBERT,**  
**Route 3, Hunnewell, Kas.**

**PRIZE WINNING**  
**O. I. C. SWINE**  
Sows and gilts bred to Kerr Dick, sire to World's Fair Junior Champion, or by Kerr Dick and bred to other equally good sires. Also fine crop of spring pigs from such sows as Big Mary, grand champion at St. Louis, Kerr Una, Silver Mina and others. Headquarters for Boars and Gilts. Write me.  
**O. L. KERR, Independence, Mo.**

**O. I. C. THE WORLD'S BEST**  
**SWINE**  
200 head all sizes, both sexes, singly, pairs, trios or small herds. A large number by Norway Chief 12363 grand first and sweepstake boar Nebraska State Fair, 1904. Top quality. Rock bottom prices. Write to-day for prices to  
**FISHER LIVE STOCK CO.,**  
**Hastings, Nebraska**

**BERKSHIRES.**  
**BERKSHIRES**  
From the best breeding that can be had, for sale at all times. Male and female, bred and open. Prices and breeding that will suit you.  
**J. P. SANDS & SON, WALTON, KANSAS**

**BERKSHIRES.**

**CEDAR LAWN BERKSHIRES** My sows are sired by Elma's Prime 64778, and Berryton Duke 72946. Boar at head of herd, Jaurist topper 76277.  
**Wm. McAdam, Netawaka, Kans.**

**Ridgeview Berkshires**  
Seven yearlings for sale, by Forest King 72668. Boars April and May farrow; good ones at reasonable prices. Order quick and get first choice.  
**MANWARING BROS.,**  
**Route 1, Lawrence, Kans.**

**SUTTON'S BERKSHIRES**  
**Imported Blood**

30 extra choice Boars, 100 to 150 pounds.  
40 extra choice Gilts, 100 to 150 pounds.  
Fancy heads, strong bone and all-around good ones. Bargains at \$15 to \$25 to close quick.  
**Chas. E. Sutton, Russell, Kansas**

**BERKSHIRES**  
**SPECIAL OFFERING**—Herd boar "Premier Durham," price \$75. Farrowed Dec. 10, 1904, dam "Lady Lee 93d" by "Lord Premier," sire "Lord Durham" by Big Ben g g son of Baron Lee 4th, dam of "Lord Durham" "Locust Blossom" out of "Patay Girl," by "Baron Lee 4th." Dam of "Big Ben" "Matchless VII" by "Lord Winsor II" g dam "Ed Matchless" first at English Royal.  
**E. D. KING, Burlington, Kansas**

**SUNNY SLOPE**



40 bred gilts, 50 boars large enough for service and a large number of fine spring pigs of both sexes for sale. Berryton Duke 72946, litter brother to Master piece, and the choice pig of that litter at head of herd. Our sows are large and growthy, the choice from my large herd after years of careful breeding. I can sell you as good hogs as you can buy in America. Write for prices before buying.  
Address all correspondence to  
**C. A. STANNARD, - Emporia, Kansas**

**KNOLLWOOD**  
**BERKSHIRES**  
Pacific Duke 56691, the 1,000 pound champion show and breeding boar from herd of S. B. Wright, Santa Rosa, Cal., bred by N. H. Gentry, Model Princess 60184, by Halle 60125, sweepstakes Pan-American sow, Stumpy Lady 63409 by Combination 56023, sweepstakes Kansas City and Chicago 1902. Lee's Model Princess 62514, the \$180 daughter of Governor Lee 47971; Lady Lee 99th 56585, the \$180 daughter of Lord Premier 50001, and other "Blue-Bloods." Sows bred to 3 grand boars and young stock for sale.  
**E. W. MELVILLE, Eudora, Kans**

**TAMWORTH'S.**  
**TAMWORTH PIGS**  
**ARE THE FARMERS' GOLD MINE**  
Choice fall pigs from prize winning stock, including two 1-year-old boar pigs; all stock registered and of the best of blood. Write for prices. Box X  
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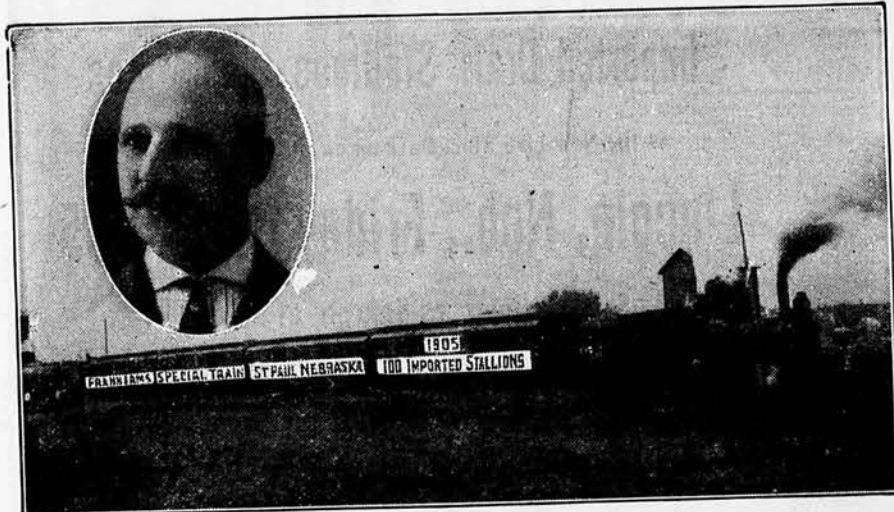
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References: St. Paul State Bank, Citizens' National Bank.

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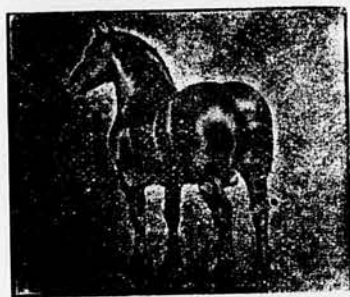
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