



Volume XLIII. Number 46

TOPEKA, KANSAS, NOVEMBER 16, 1905

Established 1863. \$1 a Year

## College Train on the Rock Island

The Agricultural College lecture train over the Rock Island in Kansas is a success beyond expectation. The equipment consists of two coaches fitted up as lecture rooms, a special sleeping and dining car for the college professors and other guests of the railroad, a special car for officials of the road, a baggage car and a locomotive. This equipment involves, of course, the employment of a train crew. Several officials of the Rock Island have accompanied the train and have done all in their power to contribute to the success of the enterprise.

The Agricultural College furnishes three of its professors to deliver the

farming and, consequently, to increased production.

The attendance has been good and both the college authorities and the railroad officials are pleased with the success of bringing a portion of the college into direct contact with farmers throughout the territory traversed by the Rock Island.

Following are synopses of the lectures:

### Wheat Production.

BY PROF. J. T. WILLARD.

(Chemist of the Agricultural Experiment Station.)

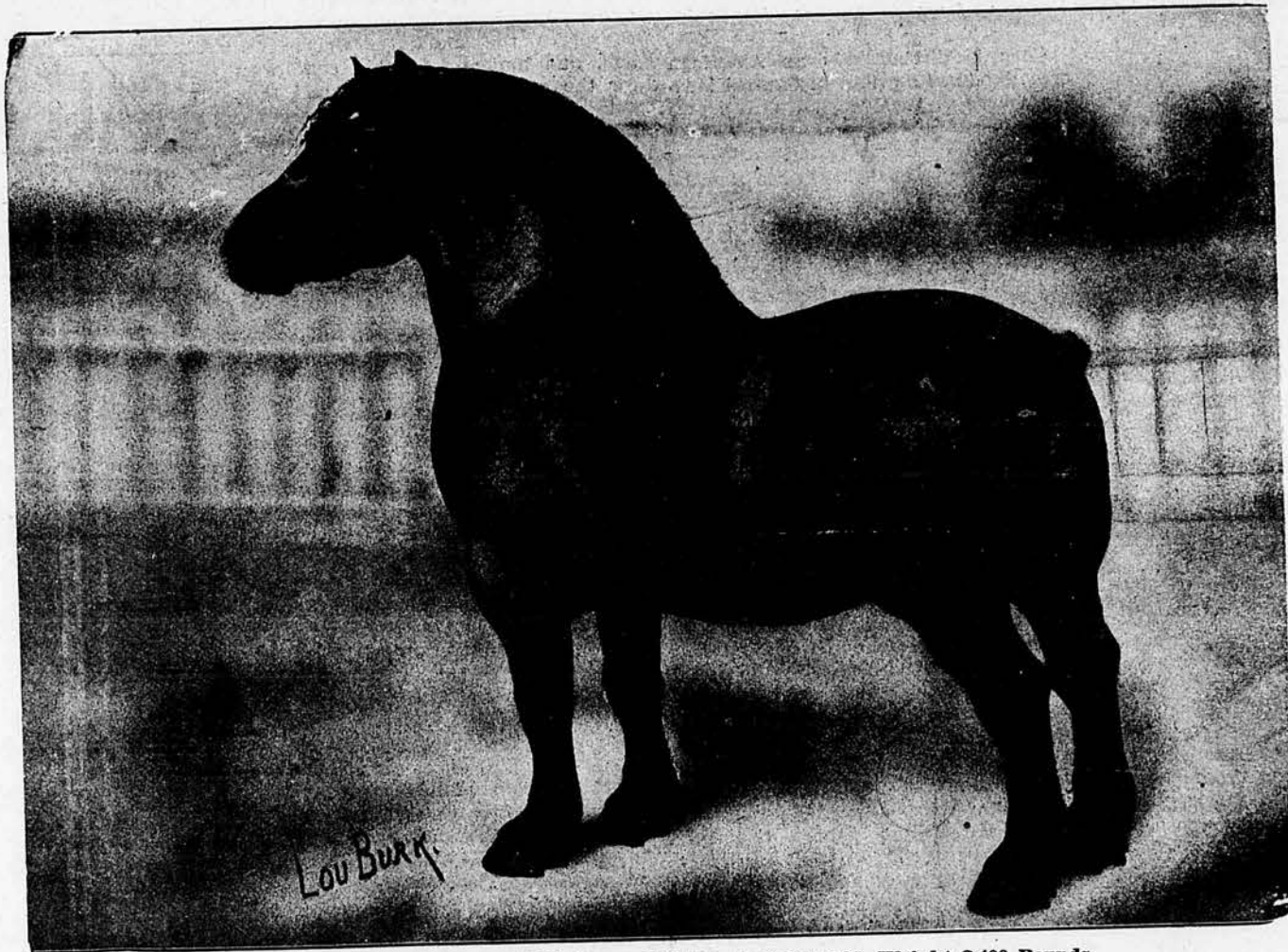
From the point of view of the chemist the production of a crop is a question of a demand for certain quantities

of fertilizers increased the yield over that of the unfertilized plot only about two bushels per acre, while nitrogenous fertilizer alone increased the yield nearly eight bushels. Nitrogen and minerals combined gave an increase of twenty bushels.

Nitrogen gets into soils naturally in but two ways: First by being carried down in the form of compounds dissolved from the air by rain-water. These originate in part by electrical discharges which cause the oxygen and the nitrogen to unite. The remainder are products of the decomposition of organic matter which escape into the air. Second, by the action of microscopic organisms which have the

he may put off, if possible forever, the evil day when fertilizers must be bought.

It is seen that with the exception of about 3.4 pounds of nitrogen per acre in compounds brought to the soil by rain, crops must get their nitrogen from stores already existing in the soil. These consist mostly of organic matter, humus. The humus by its further decomposition furnishes nitrogen to crops and disintegrates the mineral constituents of soils. Unfortunately, moreover, in supplying the wheat crops under continuous culture of this cereal, nearly six times as much nitrogen is lost by chemical changes in the soil as is removed in



Iams Pepin-de-Lerreunes (21650) Roan Belgian, 5 Years Old, Weight 2,400 Pounds.

First prize and sweepstakes winner at Iowa and Nebraska State Fair 1905. The best Belgians in the United States owned by Frank Iams, St. Paul, Neb.

lectures. These live on the train throughout the trip. They are Professors Willard, TenEyck, and Shoesmith. The lectures are confined to the subjects "Wheat" and "Corn."

The train stops thirty minutes at a station. Its coming has been duly advertised by the local agent. The farmers and sometimes their families are at the station when the train arrives and are immediately invited into the lecture cars. The twenty-five minute lectures begin as soon as the people are seated. The instruction is exceedingly practical and by bringing to the farmer the latest and best information is certain to lead to improvement in

of chemical elements and supplying that demand. The substances entering into a wheat crop come partly from that unlimited source, the air, and partly from the soil. Of the latter some are very abundant, others not so. The necessary elements most likely to be deficient in any soil are nitrogen, potassium, phosphorus and calcium.

Experiments at Rothamsted, Eng., in which wheat has been grown continuously on the same land for sixty years, without manure and with certain manures annually applied, show the dominant position of nitrogen in wheat production. A rich addition of miner-

power of acquiring nitrogen from the air of the soil. This property is possessed in high degree by those microorganisms that have formed the habit of growing on the roots of leguminous plants such as clovers, peas, beans, etc.

Every ton of wheat produced removes about 10 pounds of potash, 15 pounds of phosphoric acid, and 45 of nitrogen. At the present market cost of fertilizers at wholesale on the Atlantic seaboard these quantities of potash, phosphoric acid and nitrogen would cost \$8.75. These figures should awaken in every farmer the importance of conserving soil fertility that

the crop. Wheat and other grain crops are thus very hard on land in respect to nitrogen. To restore this fertility, then, leguminous crops must be grown and either plowed under as green manure or fed to animals and the manure produced applied to land. Mixed farming and animal husbandry must take the place of exclusively cereal production.

Water is the most important of all the soil constituents. Experiments have shown that to produce a pound of dry substance in wheat about 350 pounds of water must pass through the plant, into the roots and out of the leaves. At this rate 6 inches of water



is sufficient for a crop of twenty bushels per acre. We see then how large a proportion of our rainfall of 15 to 40 inches is lost by evaporation and drainage. Could loss by evaporation be reduced to a minimum our wheat crops would probably be doubled or trebled.

The conservation of soil moisture is intimately associated with the thorough tillage which is itself so promotive of high yields. Experiments at the Fort Hays Branch Experiment Station showed that plowing wheat land gave a yield of 18.68 bushels per acre where disk drilling in the stubble gave but 11.98, and as an average for three years 11.19 bushels were yielded by plowed fields against 6.4, by those planted in stubble. Disking was but little better than nothing. Tests of plowing with dates one-half month apart showed as an average for two years that where plowing was done the first of August 11.87 bushels were obtained, and that the yields on later plowings diminished regularly, that of October 30th giving only 1.1 bushels per acre.

Maximum wheat yields require: (1) Moisture conservation by proper and timely tillage; (2) Ample stores of plant-food in an available form secured by crop-rotation which includes a legume, by careful application of farmyard manure, and by deep, thorough and early tillage; (3) The best seed of tested and acclimated varieties.

Rational farming with an eye on the future requires that stock be kept on the farm; that wheat be not grown exclusively, but in a rotation in which it may be given prominence, but which must include leguminous crops; that the humus of the soil be maintained for both its physical and its chemical effects; and that all fertilizing substances produced on the farm be put on the land. The cost of the fertility in the annual excreta of one cow would be over thirty dollars if bought in commercial fertilizers.

#### Corn-Judging and Corn-Breeding.

PROF. V. M. SHOESMITH.

Extracts from a lecture by Assistant Professor Shoesmith. Tells farmers how to raise more corn by selecting better seed. Emphasizes the study of the whole plant in the field, and shows the importance of the ear-test plan for corn breeding.

Plants transmit their characteristics to their progeny, yet each species is constantly undergoing variation. Man may guide the species in any direction he may choose by practicing the proper selection and giving the proper care and conditions.

The first requisite of a successful plant-breeder is that he have a definite idea or type in mind. No man can accomplish anything by haphazard, indefinite methods.

A few of the points in corn-judging, based upon reason, are as follows:

The ears should be cylindrical or nearly so, as the tapering ear necessitates one of three things—larger kernels at the butt than at the tip, larger space between rows at butt than at tip, or some of the rows running out before reaching the tip. Any one of these will necessitate some of the kernels being irregular in shape or size, which is very objectionable, since it is impossible to distribute them evenly in planting.

The ear should be of good size, and the ratio of circumference (one-third the distance from butt to tip) to length should be as 3 is to 4.

The cob is grown only as a means of growing corn. The cob may be of good size, but the percentage of corn to cob should be as large as possible. The kernels should be deep (one-third to one-half the diameter of cob), and the space should be small both at the crown and tip of kernel, the space at the tip of kernels being by far more objectionable, since this is associated with a small germ, which has to do with the feeding value and the vitality of the corn. Other indications of low vitality are a pale, sickly color at surface of ear; kernels which are loose and chaffy; kernels which retain the cob chaff when removed from the ear; a dull, dead brown on back of kernel,

opposite the germ; germs which are off color, especially those too dark, and kernels which break off near the tip when removed from ear. However, it is not always possible to judge the vitality of corn with much certainty without making germination test.

The farmer should study the whole plant in selecting his seed-corn. Among undesirable types always found in the corn-field are barren stalks; stalks which are weak and spindling, and produce only nubbins; stalks which are weakened by disease, and stalks with the ears placed too high or too low, or on shanks which are to long, too large, or too small. All plants which are undesirable should be detasseled before the pollen is formed, so that they will not become the male parents of the otherwise good ears selected from the desirable plants for planting. The farmer should go through his breeding plot two or three times during the pollinating season to be sure that the detasseling is thoroughly done, and it is better, in case of doubt as to the value of any plant, to detassel it, as there will be plenty of pollen left to fertilize the crop.

There is an inherent quality in corn which man can not see. One can not judge as to the comparative yield per acre that two ears of corn will make simply by studying the ears. If you plant thirty or forty of your best ears of corn in adjacent rows, you will find that they will grow differently and yield differently. If you find that nature does not agree with you as to the best ears of corn, you must accept nature's teaching and choose the seed-corn for your next year's breeding plot from the best producing rows. By the selection and improvement of your seed-corn you may increase the yield of your corn several bushels per acre.

#### Corn is King—America's Greatest Crop.

Kernels from Professor TenEyck's Address.

Corn is distinctively an American crop, having its origin in Central Mexico, where the native plant still grows wild. The United States grows 80 per cent of the corn crop of the world, and produces more bushels of corn than of all other grains. The average production during the five years ending 1904 was 2,173 millions of bushels, valued at 946 millions of dollars. The average farm price of corn has increased from 21.5 cents per bushel in 1896, the lowest average price ever received for corn in this country, to 44.1 cents per bushel in 1904. The average farm price of corn for the last five years, as given in the Agriculture Yearbook, is a fraction less than 45 cents per bushel. The production of corn in this country has trebled since 1870, while the price per bushel has also advanced.

The area suitable for the production of corn is to-day largely occupied; there can be no great enlargement of our corn-fields unless the ground be taken from some other crop; the only material increase over our present corn production must come through enriching the soil, improving the breeds of corn, and from better methods of tillage and cultivation.

Although the total production of corn in the United States has increased 300 per cent in the last thirty years, the average yield per acre has not increased, and as given in the Agriculture Yearbook is only 26.8 bushels per acre in 1904. The opportunity for increasing the average yield per acre is very great. One kernel of corn will produce an ear having from 800 to 1,000 kernels. No other cereal grain is so productive. No crop which the farmer raises is more responsive to breeding and cultivation than corn. Every intelligent effort which the farmer makes in selecting seed, in fertilizing the land and in improving the methods of planting and cultivation are rewarded in both quality and quantity of grain produced. Improving the quality and increasing the yield of corn by planting well-bred seed and by practicing better methods of cultivation may be counted as almost clear profit. Mr. Luther Burbank, the great plant-breeder of California, estimates that one extra grain to the head, one extra

kernel to the ear, and one more potato to the hill would increase the crops of the Nation, without extra cost, by 11,000,000 bushels of barley, 15,000,000 bushels of corn, 15,000,000 bushels of wheat, 20,000,000 bushels of oats, and 21,000,000 bushels of potatoes.

One of the most important problems in growing corn is maintaining the fertility of the soil. Much of the land of Kansas has already been cropped continuously with corn too long. Such land is "corn sick." The soil has become exhausted of its humus, compact in texture, filled with plant diseases and insects which prey upon the corn plant, and has finally reached that point where profitable crops can no longer be produced upon it without a change in the methods of farming. What the land needs more than anything else is a change of crops, and it will not do simply to sow wheat and other cereal grains for a year or two and return again to corn, since the small-grain crops are really greater exhausters of soil fertility than is corn; such land must be planted to grass and perennial legumes, such as alfalfa and clover. Old, worn-out land which has been seeded to grasses and legumes for a few years is largely restored to its virgin condition of tilth and fertility, and when broken will produce again large crops of corn and grain. On the Agricultural College farm, season of 1903, a good dressing of barnyard manure applied to corn land and plowed under increased the yield of corn 18 bushels per acre. It is not advisable to use chemical fertilizers and neglect other and cheaper means of restoring and maintaining the fertility of the soil.

It has been truly said that "tillage is manure" to the soil; the plant-food is stored in the soil in an insoluble or unavailable condition. By tillage the conditions are made favorable for the development of the soil fertility. The cultivation allows the entrance of air, conserves the moisture, warms the soil, and makes favorable conditions for the growth of bacteria, and thus hastens the decomposition of organic matter and favors the chemical changes by which the unavailable plant-food is gradually made available for the use of crops.

Weeds are robbers; they waste the moisture and fertility of the soil, and thorough cultivation of the corn crop is necessary in order to keep the field clear of weeds. Water is the most essential part of the plant-food; the rainfall, in time and amount, largely determines the yield of the crop. By keeping the surface mulch, the water is retained in the soil and made to feed the crop.

It pays to prepare a good seedbed for corn as well as for wheat or other crops. As to whether level-planting or listing is best depends largely on the climate and soil. Throughout Central Kansas the listing method is preferred—the roots of corn planted in lister furrows lie relatively deeper in the soil than the roots of level-planted corn, and in a dry climate or light soil corn planted in this way is better able to withstand drouth than level-planted corn.

Perhaps less attention has been given to the breeding of corn and the selection of seed than has been given to the cultivation and maintaining of the soil fertility. The work of the last few years, however, demonstrates that it is just as important to breed corn and wheat and other crops as it is to breed stock. Moreover, the effect of the breeding and selection of corn is as great and the results are much more quickly secured than in the breeding of stock.

Choose a field to grow seed-corn away from other fields. Give special preparation to the soil and special cultivation to the corn. Plant at the most favorable season, using all efforts to produce as perfect a development of the corn as possible. If a field away from the general corn field can not be selected, then plant a strip through the middle of the large corn field for the breeding plot. The average farmer may not be able to follow the individual ear system of breeding, but he can select out of his seed-corn a bush-

(Continued on page 1158.)

**BOOK FREE** FARM TELEPHONES How to put them up—what they cost—why they save you money; all information and valuable book free. Write J. Andrus & Sons, 622 W. Water St., Milwaukee, Wis.

#### BOWSER SWEEP MILLS

Different from all others. Girded Corn with shucks or without. Kaffir in the head and all kinds small grain. 4 and 7 horse sizes. Gears 10 to 1 or 7 to 1. (Also make 7 sizes belt mills.) G. H. F. BOWSER CO., SOUTH BEND, IND.

#### WELL DRILLING MACHINES

Over 70 sizes and styles for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on skids. With engine or horse power. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.

WILLIAMSON BROS., Ithaca, N. Y.

#### THE LARGEST AND BEST LINE OF WELL DRILLING MACHINERY

In America. We have been making it for over 20 years. Do not buy until you see our new Illustrated Catalogue No. 41. Send for it now. It is FREE. Austin Manufacturing Co., Chicago

**\$10.00** Sweep Feed Grinder. **\$14.00** Galvanized Steel Wind Mill. We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list. **COURIE WIND MILL CO.,** Topeka, Kansas.

#### WE BUY FURS AND HIDES

10 to 60% more money for you to ship Raw Furs, Horse and Cattle Hides to us than to sell at home. Write for Price List, market report, shipping tags. **55000 Hunters' and Trappers' Guide** Best thing on the subject ever written. Illustrating all Fur Animals. Cloth bound. 300 pages. Price \$1.50. To Hides and Fur Shippers, \$1. Write today. **ANDERSON BROS. Dept. 75** Minneapolis, Minn.

#### HARNESS By Mail

Our plan of selling custom-made, oak-tanned harness by mail, direct from the factory at wholesale prices, is a big saving to every farmer. All harness is guaranteed. If it's faulty in any way, return it and get your money back. Write for illustrated catalogue U and price list. **THE KING-HARNESS CO.,** 15 Lake St., Urege, Togo Co., N. Y.

#### ALL STYLES AT LOWEST PRICES SCALES

30 DAYS FREE TRIAL. **AMERICAN SCALE CO.** 1204 AMERICAN BANK BLDG. KANSAS CITY, MO.



#### Farmers' Portable Elevators

will elevate both small grain and ear corn. For prices and circulars, address **NORA SPRINGS MFG. COMPANY** NORA SPRINGS, IOWA

**FENCE STRONGEST MADE.** Built strong chicken-tight. Sold to the Farmer at Wholesale Prices. Fully warranted. Catalog free. **COILED SPRING FENCE CO.,** Box 255 Winchester, Indiana.

**The Saving** In posts, boards, rails, staples and labor makes the first cost of Page's ordinary Fence less than that of common nettings. To say nothing of the better service it will give and the longer time it will last. Write for particulars. **PAGE WOVEN WIRE FENCE CO.** Box 7845 Adrian, Mich.

#### Buy Fence Direct



We can sell it to you just as cheap as to a dealer. It is more convenient for you—you have a larger line to select from—28 styles for every purpose. Advance Fence is made throughout of the highest grade galvanized steel wire. It has a continuous stay, thus preserving and utilizing all the strength of the wire. It is sold on 80 day's free trial. We pay freight. Send for Free Fence Book and prices.

**Advance Fence Co.** 3763 Old St., Peoria, Ill.



# Agriculture

## Renewing Corn Land.

Will you please advise me through the columns of your paper as to the best treatment of a piece of bottom-land that has been in corn until it fails to produce a paying crop? It has been the custom to list the corn, but for the past two years the ground has all been plowed before planting. I understand alfalfa will renew it, but that is so expensive one does not like to plow it up within two or three years, and the land is needed for corn again at as early a date as it can be made to produce a profitable crop. Will any other clover grow in this section? And if so, what advantage would it be over alfalfa? At present the land is in rye, sown in the corn, with a view of pasturing the stalks and rye this fall and next spring, and then turning under any rye that may remain. It is much farther from the stable and feed-lot than other fields on which we can profitably use all the manure we will have, and it will hardly pay to haul manure to it. It will get some manure from the cattle pastured on it and we will make the pasture season as long as possible by hauling some feed out to the cattle until we think they are in danger of killing out the rye so it will not come up next spring, or until the ground becomes too soft from wet weather. Would one year's rest from corn be of much benefit if the rye were left as late as possible in the spring, then turned under and sown to millet, that taken off and at as early a date as practicable next fall, sown to rye again and then pastured again, as indicated above? If you can suggest any better method for one year's rest please give it.

JOHN JONES.

## Chase County.

Your land is "corn sick," and it is only partially exhausted in fertility. It needs a change of crops. The humus and nitrogen of the soil have become deficient and must be restored by manuring with stable manure, or green manuring, or by the growing of grass and legume crops. The growing of an annual legume crop, such as cow-peas, for one season, will have a very marked effect in restoring the productivity of the land in question, but the effect will not last more than two or three seasons, when the rotation should be repeated. Eventually, however, you must seed this land to alfalfa and to grasses.

Probably alfalfa is the best perennial legume crop to grow in your part of the State, and of grasses I would recommend *Bromus inermis* and English blue-grass. In favorably wet seasons common red clover will succeed well with you, and should be sown with the grasses. You could hardly seed the land in question to grasses or alfalfa next spring, but the field could be seeded early in the fall. The rye might be plowed under and the field sown to cow-peas and these taken off early for fodder; then by disking and harrowing, a good seed-bed for alfalfa or grasses may be prepared. It will also do to sow millet in this way, or your plan of sowing millet after the rye and turning it under as green manure is practicable if you propose to grow corn the year following. I would prefer, however, to plant cow-peas for green manure rather than millet, since the legume crop not only furnishes the humus but actually increases the supply of nitrogen in the soil.

Your plan of seeding the land down to rye and pasturing with cattle, using the field for a feed-lot during a portion of the winter will benefit the land to some extent. We have found, however, that rye must be plowed early in the spring in order to prepare a good seed-bed for corn. Usually it is not best to list rye, ground unless the ground is double-listed, because the rye is hard to kill out and will often make a rank growth, injuring the corn. Corn planted in rye in this way with the lister, for the past two seasons at this station, has produced a poor crop, even poorer than the land opposite it, which had no rotation with rye. But

corn succeeded well after rye when the rye was plowed under early.

A. M. TENEYCK.

## Spring-Sown Alfalfa.

I have a piece of new land that I plowed this fall and I want to put into alfalfa; also another piece of older land, quite sandy, that has crab-grass on it; and as there are other readers of the "Old Reliable" who are in similar circumstances, I will be pleased to know if there is any danger of frost killing young alfalfa if sown as soon as frost is out of the ground.

My idea is, if I can be assured that the young plants can withstand the cold, to sow it very early so it may come up and get a good stand before the crab-grass starts, and by close cutting outdo the crab-grass and head off the grasshoppers and web-worms that trouble fall seeding. By mulching with old straw I can protect the young plants from the cutting spring winds.

The moisture in the spring is almost uniformly good so we can get a good stand. We used to sow red clover in Indiana on the snow and get a good stand on our wheat-fields.

BENJAMIN NICHOLSON.

## Sumner County.

There is some danger of early seeded alfalfa being killed by spring frosts. However, during the past three seasons at this station, we have seeded alfalfa about as early as a seed-bed could be prepared in the spring, with good success, the young plants receiving no injury from frost. Last spring alfalfa was seeded on corn land March 20. There were several heavy frosts after that date and the ground froze a little after the plants had come up, but the alfalfa made a good stand and we cut two crops of hay from it this season. Alfalfa is most apt to be injured by frost just as it comes through the ground, when the little plant shows only one pair of leaves. If frost strikes it at this time it is quite sure to nip off the leaves and destroy a large part of the alfalfa; but as soon as the plants are a little older and have thrown out several leaves the alfalfa is hardly injured by frost or even by severe freezing. I consider early spring seeding safer than seeding at a medium date or late in the spring. The medium seeding is apt to get nipped by the late frosts of spring, while the late seeding must contend with heavy rains and hot sun.

I do not think it even necessary for you to throw any straw over the ground, although some litter will favor the germination of the seed and the starting of the young plants. In seeding corn land last spring we simply cut the stalks down with a stalk-cutter and disked and harrowed the field, leaving the stalks on the ground. This made a rather rough looking field, but the stalks really acted as a protection, serving as a mulch to conserve the soil-moisture and preventing the packing and washing caused by rains.

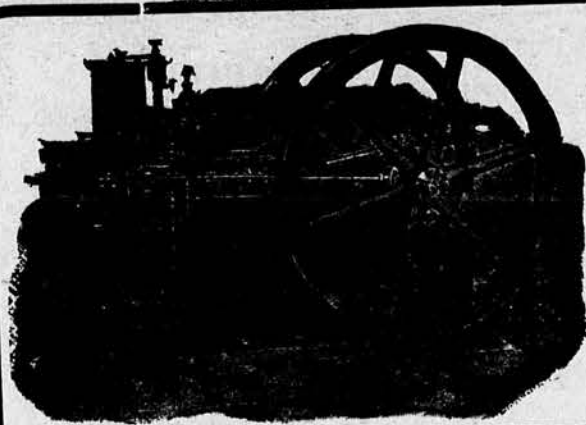
A. M. TENEYCK.

## Farm Management.

EDITOR KANSAS FARMER:—I noticed in your issue of October 12, two articles on the above subject. I live 100 miles north of the 60-acre farm mentioned, and work a much larger place. I have been between the plow handles thirty-four years, but I do not know how to make such profits as those, on paper, from a 60-acre patch.

Most men quit dairying because they do not like to milk and can not hire any one else to keep it up.

I can not hire a man for \$360 a year and make anywhere from \$1,900 down to \$900 net profit out of his labor, not counting interest on the investment. The interest would be very high, of course, because when I expect to get from six to three times as much as the man who does the work, the other shark would want a good deal in the shape of interest. In fact, I have not cleared \$6,000 or \$8,000 all told, and I farm in a county where land for general farming sells the highest in the State, and I think I keep about even with the neighbors. But too many of us are renters and should be encouraged to buy homes of 60 acres, more or less. I, for one, would like to read articles from men who have been successful on small farms, telling the smallest number of cattle and hogs,



**Dempster Mill Mfg. Co.**

Manufacturers of

Gasoline Engines  
Wind Mills  
Pumps and Cylinders  
Steel and Wood Tanks  
Well Machinery  
Grain Drills  
Cultivators

Western Made  
and  
Well Made

Factory, BEATRICE, NEB.

Branches:

Kansas City, Mo.  
Omaha, Neb.  
Sioux Falls, South Dak.

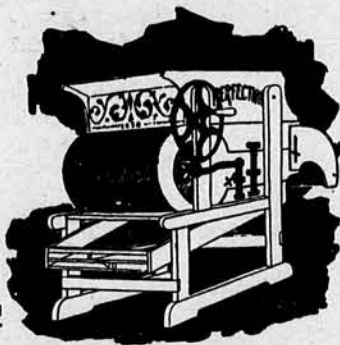


# DO YOU WANT

TO SOW

20%

Less of Seed



AND REAP

20%

More of Grain

The "Perfection" Cleaner Separator and Grader of Seeds and Grain is the only machine that properly cleans, separates and makes three grades of any and all kinds of seed and grain and does it in one operation. It is EASY TO UNDERSTAND and EASY TO TURN, yet more of an improvement over the FANNING MILL than the thrasher over the old time flail.

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.

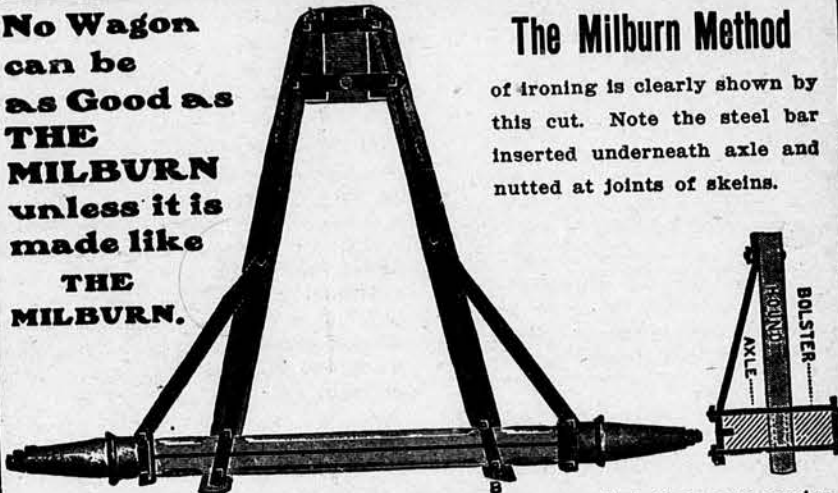
Write to-day for prices and circulars. Samples of cleaned seed also sent if you will state the kind of grain you raise.

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 skelns.



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 \$3 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 \$500 per quarter, upon easy terms.  
20,000 acres good wheat and farming lands in Hamilton county, Kansas at \$3 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.

**GEO. M. NOBLE & CO., REAL ESTATE SALESMEN.**  
435 KANSAS AVE. (OPPOSITE POST OFFICE) TOPEKA, KAN.



## Around the World

"I have used your Fish Brand Slickers for years in the Hawaiian Islands and found them the only article that suited. I am now in this country (Africa) and think a great deal of your coats."

(NAME ON APPLICATION)

HIGHEST AWARD WORLD'S FAIR, 1904.

The world-wide reputation of Tower's Waterproof Oiled Clothing assures the buyer of the positive worth of all garments bearing this Sign of the Fish.



A. J. TOWER CO., Boston, U. S. A.  
TOWER CANADIAN CO., LIMITED,  
Toronto, Canada.

also acres of corn, wheat and oats, clover, too, that one man can care for, at a profit, where the rent is \$3 per acre and where the small grain is to have clover harrowed into it in the spring; the haying, harvesting and thrashing done by exchanging work; part of the corn cut and fed on the place; all the manure hauled to the field, and time allowed to find and destroy noxious weeds, pick seed-corn; fan small grain for seed and treat it for smut; cut wood a year in advance, so it will be dry; grease harness; trim the horses' feet; repaint the implements; fix fences, do a little work in the garden, take 13 days off besides 52 Sundays; rise not earlier than 5 o'clock; turn the wheels in the field not more than 10 hours and do the evening chores in less than one hour.

The other article referred to growing wheat in the western part of the State. I homesteaded, 40 miles north of Fort Hays in 1888 and farmed the claim seven seasons. Each year, I raised some crop instead of the advice of Mrs. Lease. I have received rent each year since, but not at the rate of 20 bushels of wheat per acre. Many of my neighbors farmed mostly to wheat, but the majority are now quitting it, and planting what they can handle with exchange labor. It is not often that the capitalist can pay all the expenses of wheat-raising and have left out of the proceeds as much as the men who do the work. If 20 bushels was a fair average, the land would be worth \$100 per acre, instead of \$15. Eastern methods will do when Eastern rains are on hand; but if the ground is plowed very dry it should not be pulverized thoroughly until rain has soaked down to the sub-soil. If the rain does not wet down that far and the pulverizing is done on top, leaving a dry stratum to break capillarity, the grain is about sure to die; and nothing else will grow well until water can be gotten down through the ash-like top that sheds rain like a sack of flour. If the season has been so dry that the weeds are not bad, drilling in the stubble is probably good farming. In the neighborhood of my farm, drilling costs 50 cents an acre, heading \$1.50, thrashing at 7 cents, 91 cents—a fair average yield being 13 bushels.

Kafir-corn and alfalfa along with "the beef steer and his sister" seem to be crowding the wheat-fields back a little.

Brown County.

C. A. BABBIT.

## Dietz Lanterns

The people who study lanterns and know what they ought to get and what not to get in a lantern are Dietz buyers. When they know all about the can't-leak oil pot, made of tin without a speck of solder, the best quality glass, tin and wire, the convenient side lever, the all-round convenience, the cleanliness, the safety of a Dietz Cold Blast lantern, a dealer has trouble in selling them any other. Then, when they think of the

"Clear, White Light of the DIETZ"

that settles it. You'll find a Dietz lantern dealer in most every town. But before you go to buy let us mail you free a book to post you up a little. You'll not be persuaded if you're posted. Then if you find no Dietz dealer in your town, just write us.

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

Established 1840.

## Horticulture

### Beans in Maine.

EDITOR KANSAS FARMER:—I must say I was surprised at the reply you made to Frank Lee regarding the yield of beans by the acre, in Chase County. We have often wondered that beans were not a leading crop in the Western States; but we were not aware you had much clay loam land in Kansas. Here in Maine it is our best soil for nearly all crops, especially beans. Here we have thought the yellow-eyed beans the surest crop of any. But for a few years by trying to improve them, they have nearly failed and other varieties are being planted. Like potatoes and all cereals, there are no standard kinds. I have just winnowed 18 bushels of the cream beans raised on  $\frac{1}{4}$  of an acre. This is a good yield; from 20 to 30 bushels is the average per acre. The cream bean is now coming to the front and will fill the bill. For an all-around bean, they are the best I know. They are about one week later than the yellow-eyed, but they have a heavy foliage that does not drop till a hard frost comes. There is another new variety this year the first in this locality, a long, shining, pure-white bean, that has yielded over 20 bushels per acre, that has a good prospect of staying.

Sweet corn is a very profitable crop with us, and many raise 10 to 15 bushels of beans with the corn, on an acre. One year I raised 21 bushels of yellow-eyed beans with an acre of sweet corn. Both crops were fine.

G. W. EMERSON.

Somerset County, Maine.

### Sugar-Beets in Western Kansas.

OBSERVATIONS BY MISS GERTRUDE COBURN.

There are no busier nor more enthusiastic Kansans just now than the farmers in the Arkansas Valley sugar-beet region. Real-estate agents can scarcely find vehicles sufficient to accommodate the landseekers who arrive by every train, and the high prices offered for the cultivated land would seem tempting even to the most contented of the older settlers. But farmers who have fair beet yields refuse to listen to offers of any sort. Their cry is for more laborers, more wagons, more cars; for the fifth sugar-beet harvest in Finney and Kearny Counties is in progress, from more than double any previous acreage harvested, and grinding for sugar-making has begun at the new factory at Holly, Colorado, which contracted for the 1905 crop of Kansas beets.

Dozens of cars at a time on the sidings, great four-horse wagon-loads of beets coming by every road to the stations, piles of topped beets in the fields, and many hundreds of tons still in the ground, testify that beet-growing in Western Kansas is becoming a business of importance.

No one longer questions that the soil and climate are admirably adapted to beet culture, and the growers are learning each year how to better manage the new crop. There have been drawbacks and discouragements enough, but the optimistic, enthusiastic, ever-buoyant Western Kansan blames his lack of larger experience and skill, but never the country nor the natural conditions. If his yield by any chance is too small to pay expenses, he blames only himself; he planted too late, or watered too early; neglected to cultivate sufficiently; listened to the wrong advisor; failed to engage his Mexican laborers, and so on; but, "Oh, yes, there's money in the beet business; I shall double my acreage next year." Gradually these persistent and progressive men are learning to avoid frost and combat insects, to supplement or supply moisture, import suitable laborers, and provide machinery for a business very unlike any they had known before.

It was at first supposed that only the bottom-land along the river was adapted to beets; but this year's experience has demonstrated that even better beet land lies up toward the high prairie, and many old alfalfa-fields have been and will be plowed up for beets, where

ever ditches or wells make irrigation water available.

Thousands of tons of beets, as well-formed, clean, juicy and sweet as those grown anywhere in the world are being harvested this year, and every ton represents for the grower five good dollars, guaranteed in advance, besides the State bounty. The farmer who produces seven tons from an acre estimates that he pays expenses. Every ton after that stands for clear profit. Those who now harvest ten, fifteen, twenty tons per acre are not wishing to be interrupted by investors. Their land is not for sale. They are watching the more experienced growers up the valley who produce twenty-five and thirty and more tons per acre, confident that the Kansas land needs only the proper treatment to respond as richly.

Beet profits have paid off mortgages, bought gasoline engines, sunk wells, built reservoirs, and paid for stronger teams and larger wagons, improved machinery and better housing.

The stranger who goes there and sees no other part of Kansas must be persuaded by the achievements of the alfalfa and beet farmers that he has found a rich and productive country, waiting only for strong men and willing hands to claim her wealth.

Beets up to this time with the principal farmers have been a side issue, and planted in the main by way of testing the possibilities of untried land; but this year Finney County will harvest about five hundred acres, and Kearny, six hundred; and the yield from these is expected to be between ten and eleven thousand tons."

### The Prayer-Meeting Company.

EDITOR KANSAS FARMER:—I see in the Daily Capital of November 5, in a letter from Colonel W. W. Dennison, that Lewis D. Joy, the first captain of "I" Company, 11th Kansas Volunteer Infantry, and afterwards major of a colored regiment, died the past week at Cleveland, Ohio. The writer became acquainted with him in September, 1862, in camp at Fort Leavenworth, Kans. On September 15 he was mustered in as Captain, the writer, as First Lieutenant, and Wm. Y. Drew, as Second Lieutenant in "I" Company. The writer had the honor of being associated with two extra good men as officers, while about eighty good men composed the balance of the company.

Captain Joy was an unusually good man in everything that goes to make up a good man, and the same can be said of Lieutenant Drew who has also gone to the better land where both now rest their once weary heads in their loving Savior's arms. Company "I" was known in the regiment as the prayer-meeting company because the Thursday night prayer-meeting was never neglected if circumstances permitted attendance. J. B. McAFEE.

### The Gnat and the Lion.

A Gnat came and said to a Lion: "I do not the least fear you, nor are you stronger than I am. For in what does your strength consist? You can scratch with your claws and bite with your teeth—so can a woman in her quarrels. I repeat that I am altogether more powerful than you, and if you doubt it, let us fight and see who will conquer."

The Gnat, having sounded his horn, fastened himself upon the Lion and stung him on the nostrils. The Lion, trying to crush him, tore himself with his claws, until he punished himself severely. The Gnat thus prevailed over the Lion, and buzzing about in a song of triumph, flew away. But shortly afterwards he became entangled in the meshes of a cobweb and was eaten by a spider. He greatly lamented his fate, saying: "Woe is me, that I, who can wage war successfully with the hugest beasts, should perish myself from this spider."—Esop's Fables.

Geraniums dug up carefully before frost comes and hung up in a dry cellar by a rag about the roots will grow better when set out in the spring than those left in the ground.

best by Test—76 YEARS. We PAY CASH WANT MORE SALESMEN Weekly Stark Nursery, Louisiana, Mo.; Huntsville, Ala.

## 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

**50 BULBS** 25 Cents. Will grow in the house or out of doors. Hyacinths, Tulips, Crocus, Fuchsias, Cacti, Jockeys, Daffodils, Dewey Lily, Tuberoses, Gladioli, Chinese Lily, Begonia, Gloxinia, Yucca of the Valley—all postpaid, 25c. in stamps or coin. As a premium with these Bulbs we will send FREE a giant collection of flower seeds—over 300 varieties. Address, Hillside Nursery, Somerville, Mass.

## TREE PROTECTORS

75 cents per 100 \$5 per 1,000 As valuable in summer against sun-scald, 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. Agents wanted everywhere. HART PIONEER NURSERIES Box 17, FORT SCOTT, KANS.

## IT KILLS FARMS

to cut off trees. Many farms are losses to owners because of it. Don't do it. Raise trees. Be your own nurseryman. Write us for our free tree book. Tells how to plant, prune and succeed in reforesting your farm at small expense. We will teach you and give detailed answers to your questions. Write us your troubles. We will solve your problems for you and send our handsome free book. Otto Katzenstein & Co., Box 101, Atlanta, Georgia

## 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 needed. No freight charges. Simple construction. Seeds in ready, convenient and strength. Costs little more than oak, locust, will eat for all time. Readers universal satisfaction. Send us wanted who can work territory. Do not miss this rare Address with stamp. FREDERICK H. HATCHER, 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.



N. B. JOHNSON & CO. 547 Bank Commerce Bldg. Kansas City, Mo.

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.

FOR SALE AT A BARGAIN. A new Davis cream separator. Capacity 450 pounds of milk per hour. N. J. SHEPHERD, Eldon, Missouri.



## 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.  
O. 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 McDainels, Cherryvale, Kans., Poland-Chinas.  
Dec. 2, 1905—W. W. Brown, and Geo. 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. 6, 1905—Marshall Bros., Burden, Kans., Duro-Jerseys.  
December 6, 1905—Marshall Bros., and J. F. Stodder, Burden, Kans., Duro-Jerseys.  
December 7, 1905—Nathan Brooks and others, Burden, Kans., Shorthorn cattle.  
Dec. 8 and 9, 1905—Poland-Chinas, Duro-Jerseys, Shorthorns and Herfords at Coffeyville, Kans. H. E. Bachelder, manager, Fredonia, Kans.  
Dec. 12 and 13, 1905—Imported and American Herefords. 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—Duro-Jersey bred sows, Marshall Bros., Burden, Kans.  
February 13, 1906—Jno. W. Jones & Son, Duro-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, Herefords at Wichita, Kans. J. C. Robinson, Manager, Towanda, Kans.  
Feb. 24, 1906—Poland-Chinas, at Wichita, Kans. by H. E. Lunt, Burden, Kans.

### Lambs and Peas.

EDITOR KANSAS FARMER:—A short time back there appeared in the KANSAS FARMER quite a dissertation on fattening lambs, on field peas in the San Luis Valley of Colorado. Will the writer of the article, or some one, tell us about how many lambs can be fattened on how many acres of the peas? Of course, we expect the answer will be for the San Luis Valley, as we suppose there has not been any great business in this line, outside of that valley. We have no knowledge of this business and are after information.

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

Prof. Jas. W. Wilson, of the South Dakota Agricultural College, says:

"The International Live Stock Exposition held annually in Chicago is probably the greatest institution of its kind in the world. It is great on account of its educational value, not only to the enterprising student of the West, but the packer, the speculator and the exporter of fancy stock in the East. Here in the place they come to, a common center and observe with their own eyes the best in the land. The careful admirer of good stock receives at this time enough information to keep him thinking for an entire year.

"It is impossible for one to describe in detail the numerous classes of stock or the number that has been on exhibition in the past, but it is safe to predict that on account of the prosperous condition of the country at large, the show this fall will be greater than ever.

"Every farmer can well afford to attend this show, to make comparisons for himself."

### The Age of the Profitable Feeding Steer.

It requires about one-half as much grain to produce a hundred pounds of gain on calves as on 2-year-olds. The work of the Missouri Agricultural College has definitely demonstrated that the most profitable age to fatten cattle is while they are still young. The older the animal the more food is required to produce a given gain. Other stations have also investigated this

question and have arrived at the same result.

The Central Experiment Station Farm at Ottawa, Canada, found by comparing one thousand pounds live weight in the case of calves, yearlings, 2- and 3-year-olds, that the profit for each one thousand pounds was: Calves, \$31; yearlings, \$27; 2-year-olds, \$19.10; 3-year-olds, \$12.80.

When all of the cattle of all ages were purchased at 4c a pound, and sold at 5c a pound, the profit on \$1,000 invested in feeding cattle was: Calves, \$557.50; yearlings, \$284; 2-year-olds, \$198.75; 3-year-olds, \$177.50.

Nine-tenths of all the cattle fed in the Middle West are 2-year-olds at the beginning of the feeding period. When these cattle are in thin condition at the beginning of the experiment, they are often fed with profit; but, starting with calves in the same condition, it is unquestionably true that the calves return more profit for each thousand dollars invested than the older cattle.

F. B. MUMFORD,  
Professor of Animal Husbandry, University of Missouri.

### Hog-Cholera.

B. A. CRAIG, VETERINARIAN PURDUE UNIVERSITY AGRICULTURAL EXPERIMENT STATION.

Beginning with the month of July, severe outbreaks of "hog-cholera" have been reported from different sections of the State, and a number of requests have been received for a method of treating the disease. It is in response to the demand for information on the subject that this bulletin has been prepared. As medicinal treatment is unsatisfactory and a successful, practical vaccine or antitoxin has not been found, the only treatment that can be recommended is preventive, and consists in using all possible precautions against carrying the germs into the hog-lots, and in supplying clean, healthful surroundings and clean feed.

The main precautions against carrying the germs into the yards are as follows:

1. Hogs from other herds, or stock shows should not be allowed to mix with the herd until they have been proven free from disease.
2. All possible ways in which the germs can be carried into the yard by people, dogs, birds, etc., should be guarded against, especially when the disease is present in the neighborhood.
3. Dipping or washing the hogs with a 2-per-cent water solution of a tar disinfectant should be practiced and the animals placed in quarantine for at least three weeks in yards that do not communicate in any way with the regular yards.
4. When it is necessary for persons to enter pens where the disease is known to exist, they should clean and disinfect their shoes on leaving.
5. Persons taking care of sick hogs should use all possible precautions against the spread of the disease in their neighborhood.

The importance of clean feed, water, troughs, and feeding-floors must be emphasized, as it is in the feed that the germs usually enter the body. In no other place on the farm are white-wash and disinfectants so necessary as in the hog-houses and pens. Pastures and lots can be kept in a more healthful condition if the hogs are taken out for a few months each year, and a forage crop sowed in the unused lots. Clean yards prevent exposure to a large number of active germs at any one time, in this way being an important help in preventing disease. Pens and pastures receiving the drainage from neighboring swine enclosures should not be used.

Some of the necessary measures in the treatment of a sick herd are as follows:

1. Disinfect the feeding-floors, troughs, hog-houses and their immediate surroundings daily with a water solution of a tar disinfectant (2 to 4 per cent). If this can not be done, remove the hogs and build temporary quarters.
2. Feed a light, sloppy diet of shorts, bran, etc.
3. Do not leave water and slop in the troughs for the hogs to wallow in.




## Honorbilt Shoes for Men

These elegant, stylish and up-to-date shoes are made of the finest leather. They are built over "foot form" lasts that insure a perfect fit and are guaranteed to wear better than most shoes sold at higher prices. Every piece of material used is honest. The workmanship is perfect; style correct.

**They are built on honor.**


Let your next pair of shoes be "Honorbilt." Your shoe dealer will supply you. If he refuses write to us. See that the name "Honorbilt" and Mayer trade-mark appear on the sole. It is a guarantee of quality. We make the "Western Lady" and the "Martha Washington Comfort Shoes."

**F. MAYER BOOT & SHOE CO.,**  
MILWAUKEE, WIS.



## PONY and COMPLETE OUTFIT FREE

ANY BOY or GIRL, 18 years old or less, can learn how they can have my private pet PONY "Bob" with his elegant rubber-tired PONY CART and finely Custom-made HARNESS, delivered at their door without a cent of cost. I will pay all transportation charges myself. I do not want a cent of your money. "BOB" with his PONY CART and HARNESS, single cent of your money, is easily worth \$300.00. I will send you full particulars just as I shall deliver him, if you wish the PONY. I am showing you that there are absolutely no blanks. If you wish the PONY and complete OUTFIT delivered to you, all charges prepaid, address a postal, asking for full particulars how to secure him, to CHARLES F. ELLIS, Pony Dept., 24 North William St., New York City, N. Y.



## Home-Made Sausage

The sausage you make yourself with an Enterprise Meat and Food Chopper is made easier, is cut better, and tastes better. Not only cuts sausage, scrapple and mince meat coarse or fine, but is indispensable in the kitchen for hashing vegetables, fruits, fish, or cooked meats.

## ENTERPRISE Meat Choppers

are built for work. They are strong and durable, cut clean and stay sharp. They cannot rust or break. 45 sizes and styles, for hand, steam and electric power, \$1.50 to \$300. With the Enterprise Chopper and electric power, an ideal outfit for taking care of his meat at killing time. These useful machines can be had of any hardware or general store. If not, write us about it. See that the name "Enterprise" is on the machine you buy. Write for the "Enterprising Housekeeper," a book of 200 choice receipts and Kitchen Helps, sent free.

**THE ENTERPRISE MFG. CO. OF PA.,** 351 Dauphin St., Philadelphia, Pa.



## 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.



## BLACKLEGGOIDS

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

**NO DOSE TO 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.

**PARKE, DAVIS & COMPANY.**  
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.

## 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 WEAR and the TEAR 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.



SEND FOR FREE BUGGY & VEHICLE CATALOG



## The Government of Canada

Writes absolutely FREE to every settler

### 160 Acres of Land in Western Canada



Land adjoining this can be purchased from railway and land companies at from \$6 to \$10 per acre.

On this land this year has been produced upwards of twenty-five bushels of wheat to the acre.

It is also the best of grazing land and for mixed farming it has no superior on the continent.

Splendid climate, low taxes, railways convenient, schools and churches close at hand.

Write for "20th Century Canada" and low railway rates 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

4. Copper sulfate can be dissolved in the drinking water and slop in the proportion of four ounces to the barrel.

5. The dead hogs should be burned, or buried and their bodies covered with lime.

If these precautions against the spread and perpetuation of "hog-cholera" were observed, it is believed that this disease would not exist as an epidemic from year to year.

#### RECENT SWINE SALES.

During the past few weeks there has been held by Kansas and Missouri breeders some of the best auction sales of pure-bred swine of the various breeds ever held in this territory. They have been notable in many respects and the prices realized were very gratifying to the breeding fraternity.

##### Chester Thomas' Duroc-Jerseys.

On October 25, Chester Thomas sold 54 head of Duroc-Jersey swine which averaged \$36.08. The highest price paid was \$125, paid for a spring boar by Big Chief Ohio, by J. E. Joines, Clyde, Kans. The top price realized for females was \$100, paid by Sherman Reedy, of Hanover, Kans., for a March gilt sired by Ripley. The other purchasers of the top-notchers of the sale were: E. H. Erickson, Oldsburg; E. R. Morgan, Blue Rapids; Wm. Roepke, Waterville; Grant Chapin, Green; W. F. Garrett, Portis; John Olson, Waterville; Marshall Bros., Burden; Ben Holt, Barnes; Geo. C. Mosher, Kansas City, Mo.; M. Wesley, Bancroft; C. G. Thomas, Waterville; H. Lilliebridge, Waterville; and J. M. Beaver, Hanover.

##### Dawley's Annual Poland-China Sale.

F. A. Dawley, of Waldo, broke the Kansas record on spring pigs in his Poland-China sale held at Osborne, Kans., on October 18. He sold 40 head for \$1,977.50, an average of \$49.44 per head. The highest price paid for a boar was \$101, which was brought by Ceremonious Archer, a son of Dawley's herd boar, Woodbury. He was taken by J. H. Peden, of Asherville. This sale was well advertised and well handled by Colonel Lefe Burger, of Wellington, and was made up of the best blood of the breed. The hogs were offered in good condition and there was present one of the largest and most representative crowds of breeders that ever gathered at a sale-ring in Kansas. The sale was characterized by spirited bidding, enthusiasm and good prices. A complete list of the leading buyers were as follows:

W. A. Davidson, Simpson, Kans.; A. K. Thompson, Densmore; J. H. Peden, Asherville; Otto Dresselhaus, Lincoln; C. A. Johnson, Success; Crawford & Wood, Lincoln; A. & P. Schmitz, Alma; A. J. Hinckley, Milo; O. E. Nichols, Cheyenne; John W. Heady, Galesburg; E. J. Bliss, Osborne; Soll & Quigley, Alton; J. R. Stewart & Son, Portis; E. A. Wood, Lincoln; E. Courter, Downs; Wm. Dees, Covert; L. W. Bean, Smith Center; Thos. Collins, Barnard; W. A. Prewett, Asherville; Henderson Howe, Milo; J. J. Ward, Belleville; W. H. Sales, Simpson; J. A. Fathergill, Waldo; B. B. Tatman, Cawker City; C. H. VanBuskirk, Waldo; Monroe Dawley, Osborne; J. H. Cutter, Junction City.

##### Thompson Bros.' Good Sale.

One of the best Poland-China boar sales ever made in this territory was that of Thompson Bros., of Marysville, Kans., who sold a total of 37 head on October 17 for \$1,463.50, or an average of \$39.55. A majority of the stuff sold was spring pigs, but the good herd boar, First Quality was also sold, going to Hayes & Gibbs, for \$200. The twenty-five boars brought an average of \$40.28, and the twelve females averaged \$35.96, a splendid showing considering the weather and the time of year. The quality of the offering was first class in every respect, and the large list of representative Kansas and Nebraska buyers will find out that they secured bargains in the way of good Poland-Chinas. The notable buy-

ers of this offering were: Gibbs & Hayes, Hiawatha; W. R. Stump, Frankfort; Frank Michaels, Summerfield; S. P. Mable, Green; C. N. Garver & Son, Abilene; Henry Grauer, Marysville; P. D. Peril, Fred Holle, Jr., G. Honeycutt, John Scheibe, John Armstrong, and C. Dan, Marysville; Chas. F. Lewis, Sabetha; W. T. Hammond, Portis; E. Zimmerman, Fairview; E. V. Dorcas, Vermillion; Ben Bell, Beattie; John Ansell, Randolph; John Henke, Alton; W. E. Smith, Oketo; Henry Lohse, Bremen; A. B. Garrison, Beattie, Kans.; Hill Bros., Trumbull, Neb.; Dawson & Son, Endicott, Neb.; W. J. Hather, Ord, Neb.; H. E. Wyatt, Fall City, Neb.; G. L. Lobb, Clay Center, Neb.; W. E. Wilcox, Steele City, Neb.; Geo. Hull, Burdick, Neb.; and John Bakewell, Endicott, Neb.

##### Stadt's Duroc Sale.

On Saturday, October 28, Mr. J. F. Stadt, of Ottawa, Kans., held his sale of Duroc-Jersey swine at Paola, Kans. The sale was held in a large and well-lighted livery barn in which comfortable seats had been erected for the buyers. There was a large crowd of farmers and breeders present numbering perhaps 250 besides the town people and boys. The quality of the stock was excellent and was fully up to anything that Mr. Stadt has ever offered. There were no sensational prices and the sale was remarkably even. Buyers were very much pleased with their purchases and surely got the worth of their money. Mr. Stadt deserves great credit for the quality of the offering he put in this sale, as it was just of the kind to give the breeding business a good healthy tone and prove profitable to both buyer and seller. The bulk of the offering was spring pigs, though a few brood sows were included. Forty head were catalogued and the average of the sale was \$22. It was a good sale and will develop future business for Mr. Stadt. The principal purchasers at this sale were as follows: G. L. Whittaker, C. E. Matthews, F. L. Brown, and J. E. Ruff, Paola, Kans.; Frank Laskey, Osawatomie; F. L. Brown, Olathe; W. L. Butts, Cleveland, Mo.; W. H. Nicholson, Spring Hill, Kans.; J. E. Churchman, Westphalia; Chas. Hyber, Lane; C. R. Green, Spring Hill; H. R. Gingrich, Wellsville; Carl Mounts, Chiles; S. F. Walker, Drexel, Mo.; E. W. Biggs, Kansas City, Mo.

##### Honeyman's Poland-China Sale.

On November 1, J. W. Honeyman, of Madison, Kans., held a very successful sale at his farm, which was largely attended by local buyers and breeders from a distance. The top price of the sale was \$126, paid for lot 3 by Emmett McGrew, Centerville, Kans. Fifty-four head sold for \$2,044, an average of \$37.85 per head. A complete list of purchasers is as follows: Frank Zimmerman and Emmett McGrew, Centerville; Chas. P. Brown, Whiting; G. M. Hebbard, Peck; L. V. Martin, Belle Plain; James Miller, Norton; A. D. Hoffman, Reece; C. Shaffer, Milan; Howard Reed, Frankfort; C. O. Hoag, Centerville; W. H. Booth, Hamilton; Dietrich & Spaulding, Richmond; Grant Gains, Topeka; J. R. Young, Richards, Mo.; Frank Long, Vanbrosy Bros., Henry Davis, J. W. Ott, B. Kendall, M. C. Hale, A. E. Imthurn, G. W. Akamire, Walter Bank, Sam Murry, J. Reed, and Frank Day, Madison; I. E. Knox, Nardin, Okla.

On October 31, Harris & McMahan, Lamine, Mo., held their annual auction sale under very adverse weather conditions, which had a tendency to greatly reduce the prices by preventing the attendance of a number of buyers who attempted to be present. But owing to impassable roads and washouts, a number of buyers were unable to be present. The buyers from several States were present and good prices prevailed, the top prices being \$135 paid for the sow, lot 2, by G. G. Council, of Vandalla, Ill., and \$155 for lot 24, sow, sold to June K. King, Marshall, Mo. The other purchasers were W. H. Kerr, Prairie du Rocher, Ill.; H. F. Waters, Dawson, Ill.; Sam Spellman, Sturgeon, Mo.; Manwaring Bros., Lawrence, Kans.; W. P. Holt, & Son, Auxvasse, Mo.; Ed L. Pinet, Tibbetts, Mo.; C. A. McCue, Auxvasse, Mo.; Lester Sturm, Ionia, Ia.; W. H. Dow & Son, Brunning, Neb.; Thos. Teal & Son, Stockport, Ia.; C. W. Yea, Jewel, Kans.; C. A. Robinson, Kirksville, Mo.; T. E. Owens, Memphis, Neb.; R. H. Norton, Hereford, Texas; John W. Kerr, Plaine City, Mo.; Will Turley, Lamine, Mo.; J. T. Pollard, Fulton, Mo.; N. B. Smallwood, Fayette, Mo.; N. B. Curtis, Lexington, Okla.; J. K. Hunnewell, Lincoln, Neb.; Chas. E. Sutton, Russell, Kans.

The day following the sale of Harris & McMahan, June K. King, Marshall, Mo., held a highly successful sale of Berkshires at the Peabody Farm, which was a well attended and enthusiastic event. Fifty head averaged \$57.10, and most of the offering were spring pigs. Many prominent Berkshire breeders were present and the announcement previous to the sale that Mr. N. H. Gentry of Sedalia had sold the champion boar, Premier Longfellow, to Mr. G. G. Council, Vandalla, Ill., for \$2,000 was helpful to Mr. King, as most of his offering was bred in the same blood lines as Premier Longfellow. Mr. G. G. Council, Vandalla, Ill.,

paid the top price at this sale of \$225 for a sow sired by Lord Premier. T. F. Guthrie, of Saffordville, Kans., paid \$137.50 for a sow at this sale. Other buyers of Mr. King's offering were as follows: C. A. Robinson, Kirksville, Mo.; Manwaring Bros., Lawrence, Kans.; Thos. Bagnell, Marshall, Mo.; J. T. Pollard, Fulton, Mo.; Geo. S. Prine, Oskaloosa, Ia.; H. F. Waters, Dawson, Ill.; L. M. Newton, Marshall, Mo.; Holman Bros., Auxvasse, Mo.; W. H. Kerr, Prairie du Rocher, Ill.; James Houk, Urich, Mo.; J. A. Leland, Springfield, Ill.; J. H. Allison, Longwood, Mo.; Tanager Neal, Brownsburg, Ind.; E. C. Vaughan, New Bloomfield, Mo.; B. O. Bennett, Rochester, N. Y.; Leonard Crowley, Glasgow, Mo.; J. K. Honeywell, Lincoln, Neb.; and Fred Parcher, Maryville, Mo.

##### East Lynn Hereford Sale.

W. H. Rhodes, Tampa, Kans., held on November 9, one of the most successful Hereford sales ever held in Central Kansas. The day was fair, though cool. A large tent was used for a pavilion. Every person present was royally entertained and every provision possible was made for his comfort. The attendance was small but contained a number of breeders from a distance. The auctioneers were R. E. Edmonson, Kansas City; J. N. Burton, Abilene; and H. R. Little, Hope. The yearling bull, Nut Brown's Nutcracker 209450, topped the sale, going to A. L. Evers, Dillon, Kans., at \$165. The bulls, all yearlings but one, averaged \$114.37, and the general average of the sale was nearly \$84. L. L. Vrooman, the well-known Duroc hog-breeder, of Hope, bought the foundation for a herd, getting ten cows and a bull. Another good buyer was S. Wurtzburger, Volland, Kans. The demand for bulls greatly exceeded the supply. Some returned home without purchases and others Mr. Rhodes supplied from those reserved for private sale. The sales in detail were:

##### COWS.

Sunshine Beauty 158273, sold to A. E. Wingate, Tampa.....	\$100
Miss Hickory Head 132389, Geo. Dillon, Hope.....	80
Pinky Pink 158271, S. Wurtzburger, Volland.....	60
Miss Flam 84493, Albert Dillon, Hope.....	55
Sunny Slope Daisy 128597, Chas. Graham, Hope.....	55
Miss Java 185590, S. Wurtzburger, Ruth 185592, L. L. Vrooman, Hope	50
Iras 86236, Chas. Graham.....	55
May Day 121645, S. Wurtzburger.....	85
Ruth 174703, S. Wurtzburger.....	60
Sarah Curran 86249, L. L. Vrooman	75
Nutbrown's Pride 120401, L. L. Vrooman.....	75
Sally Sly 85346, A. E. Wingate.....	75
Josephine 133216, Geo. Dillon.....	55
Sunshine 106331, L. L. Vrooman.....	85
Queen of Spain 142102, J. B. Shields, Lost Springs.....	80
Thanksgiving 158274, J. B. Shields	60
Lady J. 98448, D. A. Wadel, Tampa	80
Beatrice 122720, S. Wurtzburger.....	80
Lily White 185589, C. D. & L. H. Anderson, McPherson.....	65
Sadie 174704, A. E. Wingate.....	80
Golden Rod 103289, L. L. Vrooman	110
Peerless Maude 77557, A. L. Evers, Dillon.....	50
Queen of Europe 142101, L. L. Vrooman.....	90
Effie 86037, S. Wurtzburger.....	60
Susan 196025, S. Wurtzburger.....	65
Leona 2d 149850, S. Wurtzburger.....	70

##### BULLS.

Golden Favorite 194882, C. D. & L. H. Anderson.....	125
Japalac 209446, L. L. Vrooman.....	100
Actor 192721, D. A. Wadel.....	145
Elgin 209444, P. Gibson, McPherson.....	75
Gem's Keep On 2d 209445, R. B. Gardner.....	130
Success 133697, A. D. Wadel.....	75
Cortelyou 194881, Chas. Eyer, Frederick.....	100
Nutbrown's Nutcracker 209450, A. L. Evers.....	165

##### The Avery Percherons.

In addition to a very successful show season, made by Henry Avery & Son, of Wakefield, Kans., in which first and championship ribbons and gold medals figure conspicuously, they have the commendation of their numerous satisfied customers which is even more valuable. Following is a copy of a letter from one of them which tells its own story and which shows that the Averages are successful breeders and why they are successful. The test of any business is what the customers think of it. Here is the letter:

"Center, Col., September 28, 1905. 'Messrs. Avery & Son, Wakefield, Kans. 'Gentlemen:—I got my horse home O. K. Stopped two days at Monte Vista, where the San Luis Valley Fair is held and entered him for the best draft stallion of any age or breed and took first. In the ring was a black 5-year-old imported Percheron stallion, sold by an Eastern importer to a company for \$3,600.

"I thought before going into the ring my horse was the best and the judges seem to think the same way. I am well pleased with my stallion and think I could not have done better anywhere. Yours truly,

"J. L. HURT.

"P. O. Box 16, Center, Colorado." This was a 2-year-old stallion colt

## Horse Owners! Use GOMBAULT'S Caustic Balsam

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 FIRMING. 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.

## Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came. Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be limited. Easy to use, only a little required, and your money back if it ever fails. Fleming's Vest-Pocket Veterinary Adviser describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write. FLEMING BROS., Chemists, 212 Union Stock Yards, Chicago, Ill.

## KARSOLENE DIP

A DIP FOR HEALTH. A DIP FOR WEALTH. It is Unprofitable to Feed Uncomfortable Stock. Karsolene is sure death to lice, ticks, mite and small vermin of every kind. Will not irritate or burn the most tender skin. Leaves the hair in glossy, silky condition. Invaluable as disinfectant for stables, hog and hen houses. Sold under positive guarantee. Money back if not as represented. Write us for booklet. U. S. CHEMICAL MFG. CO. Dept. E, 1421 W. 12th St., Kansas City, Mo.

HOGS WILL MAKE YOU RICH. Send 10c for a whole year's trial subscription to the best hog paper in the world. Free sample. SWINE BREEDER, Lincoln, Neb.

Merchandise Broker. Stocks of merchandise of all kinds bought and sold. Can handle your business anywhere in Kansas. J. J. CARTER, Room 3, Central National Bank Bldg., Topeka, Kans.

Are You Tired of Extreme Weather, Uncertain Crops and Low Market Prices? IT'S DIFFERENT ON Puget Sound IN SNOHOMISH COUNTY, WASHINGTON. Send 4 cents to Chamber of Commerce EVERETT, WASH., for fine, free 64 page booklet on Puget Sound farming.

## DES MOINES TANNING CO.



Hides Tanned and Mfg. into Coats, Robes, Rugs, Etc.

WE GUARANTEE OUR WORK

DES MOINES TANNING CO., Des Moines, Iowa.

WRITE FOR FREE BOOKLET NO. 51

\$3000 PERCHERON STALLIONS at \$900. 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.





## More Thrift More Profit

You can put your unthrifty stock in a thrifty condition and make your thrifty animals do better and pay better, by mixing with their daily feed a little

### Standard Stock Food

IT MAKES STOCK THRIVE.

It gives bigger returns from every bushel of grain you feed by making it taste better, thus stimulating and promoting the flow of the digestive fluids. It saves the waste feed and turns it into meat, milk, growth, condition, whatever you are feeding to get. It produces prime condition and makes every animal more profitable. It is the best stock food in the world because it is composed of the best materials and is the most skillfully compounded. Look at it; taste it; smell it; compare it with others and you can see for yourself.

It is the cheapest because it is the strongest, and the ration the smallest. One pound of it contains more feeds, will last longer and go farther and produce better results than two to four pounds of any cheap food, and no food at any price can show so good results. We prove this to you and we protect you absolutely by our

#### "SQUARE DEAL" GUARANTEE,

and you have the assurance of more than 250,000 regular customers that our claims are true. Keep a box of Standard Stock Food on the place. It is good for every animal on the farm.

#### Always Had Good Results.

Mr. Berry Lucas, of Hamilton, Mo., writes as follows: "Gentlemen: It is five years this fall since I first commenced using Standard Stock Food and I have had it in my feed room almost continuously ever since. I have recently given an order for 300 pounds more. This is as strong an endorsement as I can give your food. Results is what I am after and I have always had good results from feeding Standard Stock Food."

**GO TO YOUR DEALER.** If he can't supply you don't be put off with something else but have him order it for you or send us his name and we will arrange for you to get the Standard. It makes **OUR BIG BOOK FREE.** Send us your dealer's name and tell us how much stock you keep and we will send you free, postage paid, our big stock book, "The Standard Feeder." The most valuable and helpful live stock book ever published for distribution. 160 pages 6x9 in., beautiful colored cover, over 200 illustrations, and full of common sense and helpful every day advice that you will appreciate and value.

**STANDARD STOCK FOOD COMPANY, 1517 Howard St., Omaha, Neb.**

## Peacock-Axtell Top-Notcher Poland-China Sale

To be held in New Sale Pavillion,

Newton, Kans., Nov. 24.

60 head of Royal breeding by such boars as Klevers Perfection, Mischief Maker I Know, C's Corrector, Gulliver and others.

20 Fall Yearling Gilts sired by Klevers Perfection, bred to Mischief Maker I Know (¼ brother to Meddler) or C's Corrector.

Fall Boars and Gilts sired by Mischief Maker I Know out of Double Sweepstakes Sow Kansas State Fair, 1904.

Auctioneers: Col. Jas. W. Sparks and J. Snyder.

Catalogue ready November 10. Address:

W. R. PEACOCK, : : Sedgwick, 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: Cols. Sparks and Fisher.

that Mr. Hurt bought of Messrs. Avery & Son, of Wakefield, Kans., for \$1,000.

#### The Peacock-Axtell Sale of Poland-Chinas.

In the new sale pavilion at Newton, Kans., there will be held on Friday, November 24, a sale of 60 head of royally-bred Poland-Chinas, by W. R. Peacock, of Sedgwick, and Dr. Axtell, of Newton, Kans. These hogs are sired by such boars as Klever's Perfection, Mischief Maker I Know, C's Corrector, Gulliver, and others. Twenty fall yearling gilts by Klever's Perfection have been bred to Mischief Maker I Know, he by Mischief Maker by Chief Perfection 2d and out of Pet I Know by Perfect I know. A number of the fall boars and gilts sired by Mischief Maker I Know are out of the double sweepstakes sow at the Kansas State Fair of 1904. Spring boars and gilts by C's Corrector by Corrector 63379, out of Proud Perfect 218062 by Proud Perfection. About one-half of the Peacock offering for this sale were sired by Klever's Perfection 32855, and some extra good yearling sows and boars are by Mischief Maker I Know 33855, and out of show sows. Dr. Axtell consigns 15 head, a part of which are sows with pigs at side and the rest will be fall and spring boars and gilts. All of the herd boars that have been mentioned are very highly bred and especially successful as sires. Klever's Perfection 2d won first in class under 1 year, sweepstakes all breeds competing, and stood at the head of the sweepstakes herd at the Kansas State Fair of 1904. The gilts that showed in the herd are included in the sale and one gilt is his litter sister.

The breeders of Harvey County and vicinity have done themselves proud in erecting a permanent sale pavilion at Newton which adds very materially to the value of their fair ground and is an immense help in the holding of pure-bred sales. Numbers of these pavilions have been built in various parts of the State and they have uniformly proved profitable. The large and handsome one at Ottawa, which was built at a cost of over \$2,000, has been paying dividends for some time to its stockholders. Mention the Kansas Farmer and write to W. R. Peacock, of Sedgwick, Kans., and be sure to be present or be represented by a bid. You can not make a mistake on this offering.

#### The Bollin and Aaron Sale.

The day of the Bollin and Aaron sale of Poland-Chinas was bright and all that could be desired so far as weather was concerned. The sale offering were well-bred and good individually but presented in only ordinary condition. They had been raised in ordinary pasture condition and not pushed as such bunches of hogs should have been. The attendance of breeders was very good and the local crowd was better than at a great many of the sales being held. Messrs. Bollin & Aaron have advertised the sale fairly well and took special pains in entertaining their customers, taking care of them in the best hotel in the city of Leavenworth, and in every other way making them feel that they appreciated their attendance at the sale. Fifty-five head sold for \$1,180, an average of \$21.50 per head. Those selling for \$20 and over went to buyers as follows:

1. W. T. Hewitt, Leavenworth....	\$35
3. Francis Goble, Piper.....	39
4. S. Bodde, Leavenworth.....	21
10. G. S. Moyer, Nortonville.....	50
11. R. H. Southard, Tonganoxie....	21
14. Leon Calhoun, Potter.....	20
15. Dick Hayes, Bazaar.....	60
16. Leon McVey, Leavenworth.....	21
20. C. S. Moyer.....	20
21. Leon Calhoun.....	31
23. D. W. Dawdy, Arrington.....	26
27. W. T. Powell, Leavenworth....	24
28. H. W. Bodde.....	22
29. Henry Everett, Leavenworth....	20
30. Leon Calhoun.....	30
31. W. B. Van Horn, Overbrook....	73
32. W. P. Hewitt, Leavenworth....	25
34. C. O. Brown, Whiting.....	20
36. H. C. Taber, Platte City, Mo....	34
45. J. R. Young, Richards, Mo....	21
46. Leon Calhoun.....	24
52. Leon Calhoun.....	36
53. C. J. Clinkingbeard.....	20

Other buyers were W. O. McClure, Leavenworth; Drake Spencer, Leavenworth; O. N. Thoman, Everest.

#### The Shawnee Breeders' Association Sale of Duroc-Jerseys.

At the State Fair grounds in Topeka on Thursday, November 9, the Shawnee Breeders' Association held its first sale of Duroc-Jersey swine. The offering consisted of one herd boar, Lord Bacon 26513, several fall boars and as fine a lot of spring boars and gilts as was ever put in the sale ring. The entire offering was drawn from the well-known herds of J. W. Ferguson, Highland Park, Topeka; R. B. Marshall, Willard; and F. L. McClelland, Berryton. Judges at the ringside united in pronouncing this one of the best fitted sale offerings they had ever seen; and Col. John D. Snyder, of Winfield, who conducted the sale, pronounced these hogs the equal in both breeding and individuality of any offering he had seen this year.

This breed of hogs has not yet gotten as firm a hold on the affections of the farmers of Shawnee County as have some others and, as the attend-



## The Money Breed

What breed of beef cattle makes most money? Dr. Walter J. Quick of Indianapolis, Ind., will discuss this subject in the November issue of that widely read, authoritative paper

## BLOODED STOCK

This issue (November) will be devoted entirely to Shorthorns and Beef Breeds. You're out for money. Then subscribe for BLOODED STOCK. Just 25c for 12 months. You can afford 25c. Why, this number will be worth one hundred times that in advice on buying, breeding, feeding, housing, fattening and marketing. Subscribe now. The December issue will be devoted to "Winter Care of Stock."

Blooded Stock, Box 228, Oxford, Pa.

ance was wholly a local one, the prices ruled low. In fact, it was a Jay of bargains and those farmers and breeders who were lucky enough to be present at this sale and take home some of these good things, will find that they have made big money. We are glad to be able to announce that each of these consignors has a few more hogs of the same kind to sell at private treaty and a letter addressed to either of them will bring prompt reply. Mr. F. L. McClelland's spring boars and gilts were mostly sired by Lord Bacon 26513, who is a remarkable breeder. J. W. Ferguson's offering was sired by Dandy O. 27163, and Orange Duke 34033; and R. B. Marshall's hogs were sired by the great Parker Mc 29283, Royal 29001, and State Liner 31739. Write them. There is money in it.

This sale has developed the fact that there are good Duroc-Jersey swine grown in Shawnee County; but as the consignors had not been widely known it was found to be impossible to draw outside breeders and the offering was not all sold.



## VIRGINIA FARMS

\$8 per Acre and up

with improvements. Good productive soil, abundant water supply and best climate on earth. Near railroad and good markets with best church, school and social advantages. For list of farms, excursion rates and our beautiful pamphlet showing what others have accomplished, write to-day to F. H. LA BAUME, Agri. and Indl. Agt., Norfolk & Western Ry., Box 1, Roanoke, Va.



1 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.

#### WE PAY HIGHEST PRICES.

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.

Northwestern Hide & Fur Company,  
200-202 First St., N. Minneapolis, Minn.



## The Young Folks

CONDUCTED BY RUTH COWGILL.

### "To My Dog, Blanco."

My dear dumb friend, low lying there,  
A willing vassal at my feet,  
Glad partner of my home and fare,  
My shadow in the street.

I look into your great brown eyes,  
Where love and loyal homage shine,  
And wonder where the difference lies  
Between your soul and mine.

For all of good that I have found  
Within myself or human kind,  
Hath royally informed and crowned  
Your gentle heart and mind.

I trust you as I trust the stars;  
Nor cruel loss nor scoff of pride,  
Nor beggary nor dungeon-bars  
Can move you from my side.

—Dr. J. G. Holland.

### Segovia—La Granja.

ANNA MARIE NELLIS.

On July 6, 1905, we say good bye to Madrid, and start on our way northward to see what we might be able to before July 23.

I had thought, when I first saw it, that the Spanish capital was quite unimportant, but when we came to say "au revoir," it seemed like parting with an old friend; and I am pleased to say that if you go to Madrid for a couple or three weeks you surely will be well pleased with your visit.

Our party had been advised to be sure and include Segovia in our trip, but very few tourists ever stop there. We had been told that it was one of the most interesting of old cities in Spain—and such we found it to be. It is about the same distance north of Madrid, as the village of Kansas City, Mo., is east of Topeka. It lies about midway between the River Tagus and the Douro, and the scenery along the stream which our railway followed, was even more beautiful than is shown along the Kansas River, as one approaches the Kansas City village. The latter half of the way we found it quite Alpine in appearance, and one could hardly realize that the barren country around Madrid was only a few miles south of us.

Before we left the station at Madrid we saw some of King Alphonso's hired men (one can always distinguish the royal servants by the coat-of-arms on their caps) taking the canvas coverings from two, long, vestibuled, American-looking cars, which are painted a royal dark-blue—with the huge coat-of-arms of Spain, glistening like gold in the center. There are no side entrances into the coupes, but they are nearly like our American Pullman cars, in build. I asked one of the men (in my best Spanish) when the King would be leaving the city. He told me most politely that they were never permitted to say when the royal household was coming or going. I told him that was all right, but that I was no French spy, but merely a curious American, and was leaving Madrid in a few moments never to return again till my next trip to Spain. Won by my truthful look, he gazed around quite cautiously, to see that no one else heard him, and said that the King, the Queen Mother and all the royal household would leave the next day for San Sebastian (in the north of Spain) on the Bay of Biscay. That was where we were going, so I know the King showed good taste. I gave the man a piaster (about 3 American cents) for which he bowed to me as though I were a real princess; he probably thought I was a Rockefeller or Vanderfeller princess, considering the way I threw around so much wealth for a little unimportant information.

The ride to Segovia was beautiful. The first twenty miles from Madrid only the plains and cactus plants appeared to be engaged in business along the "King's Highway." Then the railway began to rise gradually, and we could see the valley below us, framed by the distant hills, which appeared like respectable mountains in size. Yet always near us or below us, we saw the beautiful macadam road—the King's highway, which has been made as smooth as the art of man can make

it. The King has been such an enthusiast over his automobile wagons, and this being his favorite route, it must be ever kept in the "pink of perfection." It winds and stretches along like an interminable cream ribbon.

As we were thinking how delightful it must be for an "auto," we discovered about twenty of them approaching, and learned it was indeed the King in the first vehicle, and he was followed by all his court. He was giving a "stag" auto party, it seems, and I concluded the animals were at least "half shot."

We passed through many little summer-resort towns, as this locality, so picturesque, being so near the capital, permits the Madrilenos, during the hot summer months, to go to and fro. Our railway train was the very fast express, so we made the 60 miles in a little more than two hours. We were informed that King Alphonso makes the trip in his auto in less than two hours—but that is different, of course.

LaGranja, the "Versailles" of Spain, is distant but six miles by stage, from Segovia; and as the stage only meets this one train each day, we were obliged to go there immediately, or forego the trip entirely. The stage has but accommodation for three persons on top, and that was where we wanted to sit, and the folks from Kansas politely secured two of the places, leaving Boston to look out for itself for the third place, and it did. When we asked the driver for the desired locations, he looked astounded and asked, "Is it possible your graces will ride on the top of the omnibus?" I remarked to him that it was just where we would sit as we did not wish to be packed in below like Spanish sardines. It was quite a hot day, and a delightful smell of garlic perfumed the air. The driver looked doubtful and said something about the "Americanos" which I did not remember rightly, afterward. In the meanwhile we were up and I was directing the porter to hand up our baggage right lively. Later I discovered why the driver was so shocked; it was because the seats above, which we always consider the very best, are only one-half as expensive as those below, and of course he thought as we were Americans, we would desire to have that which costs the most money.

While the baggage was being elevated, I amused myself by watching the labels on the same. There were two princes so-and-so, three counts and one baron, and yet all of the people getting in below looked more ordinary, and would be taken readily in America for Mr. Smith, Mr. Jones and Mr. Brown—except the garlic.

As the driver shook his whip in starting, I accidentally dropped into the seat beside him and asked him about the folks inside. He told me about their family histories, and said they were now going to LaGranja to open up their chateaux for summer wear. He said the Princess Eulala (who was known in America as "The Infanta") aunt of King Alphonso, was coming the next day to spend a month at LaGranja. The "Court" usually comes in the month of August; but this year from some cause, unknown to the driver, the King had decided to go north first, and return to La Granja in September.

The six-mile ride was quite charming, the broad highway was smooth as glass, almost, and was lined with rows of most beautiful elms. The views from the top of the stage were delightful—all woods and meadows, with the snowy Guadarramas for a background.

The "palace of the King" could not be seen until we arrived right into the little town, which has clustered itself around the royal residence.

It seems that Philip V "once" was hunting here—about the year 1719 or so—and he became enamoured with the spot and decided to build a summer palace which should surprise Versailles or any other regal farmhouse, and he did so. With an extra jingle or so of the sleigh-bells on our mules, we stopped in front of the modest little hotel, and an officious landlord and assistants reached out to assist

us in. The looked a trifle amazed at first, and then the host said jovially—in French—"Oh, I know you are Americans for you like to be where you can see everything." The hotel was the cleanest and most charming of any I ever was in, and I surely would like to go back there and stay a couple or three weeks to enjoy it to my heart's content. Our rooms were the suite the British Ambassador always occupies, when the court is here—so our host said—and we "took it in" pleasantly, just as though we believed it, of course.

After the finest dinner we had eaten in Spain, I consulted our host as to the possibility of our being able to get into the palace; he said it would surely be impossible, as unfortunately very few people were ever allowed to go through, and only those who were furnished with an official "permit" from the Lord High Chancellor, could hope to enter. We were surely disappointed, and in my very great disappointment I accidentally dropped a Spanish dollar (75 cents) on the floor. "Mine host" gallantly picked it up for me, but evidently forgot to hand it back. He "thought" a moment and then said that he was a particular friend of the caretaker at the palace, and would go with us and see what could be done. But to make a long story short, will say we got in all right. The interior is quite charming with its brocaded satin walls and gorgeous furniture. We were shown the apartments where the Princess Isabella (sister of Eulala) was to be "at home" for a couple of weeks. Her towels and all of her toilet articles were nicely arranged on her dresser, as if she had just left the room.

The greatest interest to me was the room, and desk in it where the three sergeants arrived by the window route, and forced Queen Christine (queen regent) to sign a written article of abdication—some hundred or more years ago; also the room where Philip V. did a like trick for himself, a long while ago. However, he abdicated in favor of his son Louis I, at whose death, and by the influence of his ambitious wife, he was induced to assume the crown again.

But the view into the gardens from all of the large windows are the loveliest charm about the palace. It is "laid out" much like those at Versailles, only the Spaniards contend it is much more beautiful.

In front of the palace is a great, artificial waterfall, one sheet of silvery liquid, tumbling through the green woods, over a series of marble declivities. Before this the never-to-be-amused Philip V stopped for a moment when it was completed, and said to John Smith: "It has cost me three million dollars, but only for three minutes have I ever been amused by it."

### The Boy Eugene Field.

"The Eugene Field whom I first met was not the hero whose birthday we will celebrate next week," says Colonel W. F. Switzer, the veteran Missouri editor. "When 'Gene' was a student of the Missouri State University in my town, he did not give much promise of greatness. Much of his time was spent in getting up entertainments, coon hunts and watermelon excursions. Because of his talent in these ways he was a favorite among his classmates, but had little standing among the members of the faculty. These staid dignitaries, however, did not criticize him much openly for he was likely to retaliate in satirical verse. President Reed, I remember, was once the recipient of such attention when that good old man ventured to criticize 'Gene's' doings. This poem is said to be the first Field ever wrote. A copy of it still exists in the State Historical Society at Columbia.

"As a boy, 'Gene' was hardly a model for rising generations but he turned out all right in spite of his early shortcomings."

Whenever you find a man who hasn't enny faults, you will find one whose virtews are like tinware—they hav got to be scoured up every day to keep them looking decent.—Billings.

## CLOTHING

AT WHOLESALE

37 Samples of Cloth FREE

BOY'S SUITS \$1.35 UP

Write For It at Once

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

\$7.00

OVERCOAT For young 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.



To quickly introduce the Celebrated Electric Balm Toflet, 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, Main Ward Soap Works, New York City, P.O. Box 105 Dept. 190A

**Asthma**  
Climates wear out. Smokes, Sprays and "Specifics" 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 L, containing reports of many illustrative cases that have STAYED CURED for years. Mailed FREE. Write P. HAROLD HAYES, Buffalo, N. Y.

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

## Help

Settle Your Own Country

The



is doing its share in trying to send more farmers to your country. You can help that work by a little effort.

Every reader of this notice is requested to send to the undersigned a list of his friends in the East who may possibly be interested. Literature regarding your country will be mailed to them, and any questions they ask will be fully answered

Send list this week to

WILLIAM NICHOLSON,  
General Colonization Agent, A. T. & S. F. Ry  
RAILWAY EXCHANGE, CHICAGO.



## For the Little Ones

### The Vain Tortoise.

A tortoise of a restless mind,  
To travel far felt much inclined,  
But in her brown and heavy shell  
Was long at home compelled to dwell.

At length two friendly ducks came by:  
Poor Mistress Tortoise they did spy,  
And heard her wish. With friendly  
quack,  
One tried to lift her on his back,  
But being somewhat thick and round,  
Each time she tumbled to the ground.

At length the duck cried, "Fetch a  
stick"  
And she shall travel safe and quick;  
Each one of us can take an end,  
If you can hold by the middle, friend."  
So said, so done, they rose up high,  
Half-way between the land and sky.

They bore her safe o'er bush and brier,  
These honest ducks, and did not tire.  
She might have journeyed all the day  
Suspended in this novel way,  
Had not a puzzled, wondering crow,  
With loudest caws, desired to know  
What creature 'twas that traveled so.

"This is the Queen of Tortoise-land,  
A mighty lady, very grand,  
So think yourself in fine good luck  
To meet her," quacked one joking duck.  
The tortoise, vain and foolish grown,  
The title was most fain to own.

She sudden opened her mouth to cry,  
"The Tortoise Queen in truth am I."  
Let go her hold, and instant fell  
From a stout stick that bore her well.  
And as she fell she gasping cried,  
"Say by false vanity I died;  
Could I have held my foolish tongue,  
I had not thus been downward flung."  
—Ex.

### The Three Conspirators.

One day, when little Arthur was  
making mud pies in the front yard, he  
heard some one call him. It was his  
Aunt Jane, who was standing on the  
front porch with a letter in her hand.  
"Run across the street and put this  
letter in the box, Arthur, please," she  
said.

"No, I don't want to," said Arthur,  
who did not want to be disturbed. So  
Aunt Jane went across the street her-  
self and mailed the letter.

Not long after this, Arthur's mother  
asked him to take a spool of silk to  
Aunt Jane who was upstairs.

"No, I don't want to," answered  
Arthur again. His mother said noth-  
ing, but when she went upstairs her-  
self with the silk, she had a little talk  
with Aunt Jane about Arthur.

An hour later Arthur ran to Aunt  
Jane with a broken whip. "Please  
mend this, Aunt Jane," he cried. "No,  
I don't want to," said Aunt Jane with-  
out looking up from her sewing.  
Arthur seemed surprised for a minute,  
then he hung his head and turned  
away. When supper was over, Arthur  
carried a book of fairy tales to his  
mother.

"Please read me a story, mamma,"  
he said.

"I don't want to," said his mother,  
who was knitting. Arthur's lip quiv-  
ered and his eyes filled with tears as  
he sat down on a cushion in the cor-  
ner to look at the pictures in the  
book. But he forgot his trouble when  
his father came in.

"Oh, Papa!" he said, running to  
him, "please make me a whistle."  
"No, I don't want to," said his papa.

This was too much for Arthur, and  
he burst into tears. But no one com-

forted him, and the nurse came and  
took him off to bed.

The next morning Aunt Jane came  
out again with a letter. As soon as  
Arthur saw her, he left his play and  
ran to her.

"Let me put the letter in the box,  
Aunt Jane," he said.

Aunt Jane smiled and kissed him  
as she gave him the letter. She saw  
that Arthur had learned a good les-  
son, and he never again refused to do  
her a favor.—Selected.

### INTERNATIONAL SUNDAY-SCHOOL LESSON.

Fourth Quarter. Lesson VIII. Nehe-  
miah 1:1-11. November 19, 1905.

#### Nehemiah's Prayer

Picture, if you will, Nehemiah walk-  
ing on the wall of Susa. Behind him  
are goodly palaces, and in the more  
distant background the mountains of  
Elam. Hard by is the tomb of Dan-  
iel. But Nehemiah's mind is far away.  
He is thinking of the sepulcher of his  
fathers and the mountain of the Lord's  
house. Hark! Can it be? He hears  
the accents of his own loved dialect.  
Returning to the parapet, he sees a  
company of travel-stained Jews. He  
greeted them with Oriental demonst-  
ration. One is his own brother. He  
does not stop to ask his brother's  
health or fortune, or to narrate his  
own remarkable preferment at court.  
His first question is as to the state  
of the Jews in Jerusalem and of the  
temple. The tale the travelers tell is  
of the nature of a terrible surprise.  
In the absence of any news, he had  
thought all was well. To him personal  
prosperity is no substitute for the wel-  
fare of Zion. Surges of sorrow sweep  
his soul.

But, better than that, he also pray-  
ed. He showed those traits which God  
delights to honor—persistency and  
importunity. He prayed probably  
three times a day, and every day for  
a week. There was no answer; but,  
nothing daunted, he began the second  
week, and so continued for seventeen  
weeks and a day. One hundred and  
twenty days—just the time it would  
have required to measure with his  
footprints all the way from Susa to  
Jerusalem. God was, in fact, answer-  
ing Nehemiah's prayer while he seem-  
ed to be withholding the answer. In  
this period of suspense a plan of pro-  
cedure was being developed in the  
mind of the suppliant, its general prin-  
ciples, its minutest details. With the  
growth of the plan grew the convic-  
tion that he himself must put it into  
execution and the resolution to do so.

Study of this incident reveals Nehe-  
miah as one of the most illustrious  
examples of disinterested patriotism,  
which history, sacred or profane, af-  
fords. He had a life tenure upon an  
office of high rank and many emolu-  
ments. He stood next to the monarch  
of the world. A palace was at his dis-  
posal, with all its luxurious appoint-  
ments. But for the sake of his coun-  
trymen he relinquished all. What en-  
hances the deed is that it was not  
done in a burst of enthusiasm, but af-  
ter a considerable period, in which  
every element and phase of the situa-

## Topeka Business College

The school that educates you for business success and that always gets you  
a good position. Students enroll at any time. Work for board if you wish while  
attending school. Competent persons ways in demand at good salaries.  
104-page catalogue free—mention this  
paper.

DEPARTMENTS:  
Bookkeeping  
Shorthand  
Civil Service  
Telegraphy  
Penmanship

*L. H. Smith*  
TOPEKA BUSINESS COLLEGE, Topeka, Kans.

tion was passed in review. Nehemiah  
knew that his life might be the forfeit  
of his plea for his fellow-countrymen  
to the fickle tyrant with whom he had  
to deal. Ease and safety must needs

### 30 DAYS FREE TRIAL

This beautiful five-  
drawer, drop-head  
Sewing Machine will  
be sent on 30 days free  
trial to any woman in  
America. We want  
you to test it in your own  
home—will gladly ship it  
FREIGHT PREPAID.  
This machine is beautif-  
fully built of materials that  
endure, has complete set  
of attachments and is  
GUARANTEED FOR 20 YEARS.  
Our light running, ball bearing Machines are  
best made. Our trial offer proves it. Free  
Special Catalogue telling more about this offer.  
**Kemper-Paxton Mercantile Co.**  
923 Liberty Street, KANSAS CITY, MO.

## SPECIAL HOME- SEEKERS EXCURSIONS OCT. 17, AND NOV. 7.

On the above dates special  
homeseekers' excursion rates  
have been authorized from Ohio  
and Mississippi gateways to  
points reached by the Southern  
Railroad and Mobile & Ohio  
Railroad. Round trip tickets  
will be sold at the remarkably  
low rate of 80 per cent of the  
standard one-way rate—less  
than half fare for the round  
trip. These excursions present  
exceptional opportunities to  
homeseekers to personally in-  
spect the rapidly growing  
South, and to choose homes  
which are the best in the Unit-  
ed States.

### LANDS ARE CHEAP

Full information concerning  
properties, business openings,  
rates, etc., upon request.

M. V. RICHARDS,  
Land and Industrial Agt., Washington, D.C.  
CHAS. S. CHASE, M. A. HAYS,  
Agt. Land & Ind. Dept. Agt. Land & Ind.  
622 Chemical Bldg. Dep. 225 Dear-  
born St. Louis. born St. Chicago

be thrown aside and a thousand-miles'  
journey across a Bedouin-infested des-  
ert undertaken. Plots and counter-  
plots were in the way of his Herculean  
task. But in spite of all, with splendid  
deliberation and persistency, he made  
choice of God and his country.

## The Kansas State Agricultural College

OFFERS courses in Agriculture, Domestic  
Science, General Science, Mechanical  
Engineering, Electrical Engineering, Archi-  
tecture and Veterinary Science. Also short  
courses in Agriculture, Dairying and Do-  
mestic Science. Admission direct from the  
country schools. A preparatory depart-  
ment is maintained for persons over eight-  
een. Necessary expenses low. Catalogue  
free. Address

PRES. E. R. NICHOLS,  
BOX 50. MANHATTAN, KANS.

**NICKEL RATE.**  
The New York, Chicago & St. Louis R.R.  
NO EXCESS  
FARE  
ON ANY  
TRAIN

Three Express Trains East Every Day  
in the Year. Pullman Drawing Room  
Sleeping Cars on all Trains. Trans-Con-  
tinental Tourist Cars leave Chicago Tri-  
Weekly on Tuesdays and Sundays at  
2:30 p. m. and Wednesdays at 10:35 a. m.

CHICAGO TO BOSTON  
WITHOUT CHANGE.

Modern Dining Cars serving meals on  
Individual Club Plan, ranging in price  
from 35 cents to \$1.00, also service a la  
Carte. Coffee and Sandwiches, at popular  
prices, served to passengers in their seats  
by waiters. Direct line to Fort Wayne,  
Findlay, Cleveland, Erie, Buffalo, Roch-  
ester, Syracuse, Binghamton, Scranton.

NEW YORK CITY, BOSTON  
AND ALL POINTS EAST.

Rates Always The Lowest.

Colored Porters in uniform in attendance  
on all Coach Passengers. If you contem-  
plate a trip East call on any convenient  
Ticket Agent, or address,  
JOHN Y. CALAHAN, Gen. Agt.,  
113 Adams St., Chicago, Ill.



**THE SUCCESSFUL FARMER AND STOCKMAN**

IN GEORGIA & ALABAMA, as well as the most prosperous dairyman, the most thriving  
breeder of horses, mules, sheep, cattle and hogs, the most expert fruit-grower or trucker,  
is usually the Northern or Western farmer, who has located in those States in recent years  
and applied proper methods of culture. Thousands of others are coming this year and next.  
WHY NOT YOU OR YOUR BOYS. No blizzards. No droughts. Average temperature  
forty-five in winter and eighty-five in summer. Rain-fall fifty inches, evenly distributed.  
Tax rates low. No hard winters to feed against. Open sheds. Ten months pasture.  
These are but few of the many advantages.

NOW IS YOUR OPPORTUNITY to duplicate the success of these men down South,  
through the extension of our main line from Atlanta, Georgia, to Birmingham, Alabama,  
in and between which cities two million people consume farm products. The highlands are  
intersected with wide grassy valleys, and inter-penetrated with streams of purest water.  
The alluvial soil of the valleys produce the heaviest possible yields of clover, all grasses,  
corn, alfalfa, etc., and furnish luxuriant pasture. The highlands are ideal for peaches, apples  
and other fruits, and the mountain lands afford good range for sheep and goats. Lands can  
be purchased at from \$2.50 to \$35.00 per acre, near town, and good schools. Terms easy.  
For handsomely illustrated literature and full lists of properties available throughout  
the South, address, mentioning this paper,  
J. W. White, G.I.A., Portsmouth, Virginia, or H. B. Bigham, A.G.I.A., Atlanta, Georgia.  
**SEABOARD AIR LINE RAILWAY.**

## K. C. S.

### Kansas City Southern Railway,

LOWEST RATES EVER MADE TO

Southwest Missouri, Indian Territory, Arkansas,  
Louisiana and Texas.

DATES OF SALE—November 7 and 21, December 5 and 19.  
STOPOVERS on going and return trips.

LIMIT 21 days from date of sale.

The tide of immigration has turned to the South, where land is cheap  
and crops abundant—The Land of Fulfillment. No other section of the  
country promises such great returns from products of the soil and in-  
creased values.

It's WORTH YOUR TIME.

Write for free illustrated literature.

H. D. DUTTON, Trav. Pass. Agt. S. G. WARNER, G. P. and T. A.  
Kansas City, Mo. Kansas City, Mo.  
F. E. ROESLER, Trav. Pass. and Imig'n Agent,  
Kansas City, Mo.



## The Home Circle

CONDUCTED BY RUTH COWGILL.

### Old Age.

It is too late! Ah, nothing is too late  
Till the tired heart shall cease to pal-  
pitate.  
Cato learned Greek at eighty; Sophocles  
Wrote his grand Oedipus, and Simonides  
Bore off the prize of verses from his  
compeers  
When each had numbered more than  
four-score years;  
And Theophrastus at fourscore and ten  
Had but begun his "Characters of Men."  
Chaucer, at Woodstock, with the night-  
ingales,  
At sixty wrote the "Canterbury Tales."  
Goethe, at Weimar, toiling to the last,  
Completed "Faust" when eighty years  
were past.

What then? Shall we sit idly down and  
say  
The night hath come; it is no longer  
day?  
The night hath not yet come; we are  
not quite  
Cut off from labor by the falling light;  
Something remains for us to do or dare.  
Even the oldest trees some fruit may  
bear.  
For age is opportunity no less  
Than youth itself, though in another  
dress;  
And as the evening twilight fades away,  
The sky is filled with stars, invisible by  
day.

—Henry W. Longfellow.

### Recreation for Farmers and Farmers' Wives.

MRS. J. F. STEPHENS, INDIAN CREEK, KANS.

You have all heard, and doubtless proved the old saying, "All work and no play makes Jack a dull boy," and I believe we fully appreciate the truth of the old adage when applied to the boys and girls; but have you ever thought of applying the same saying to Jack's father and mother? If you have, I am sure you will agree that the "all work" plain has the same dulling effect on those of riper years as on the boy or girl, but their play will be brought about by different means and we will call it recreation.

Webster says recreation is the refreshment of the strength and spirits after toil. Then toil must come first in order that recreation have its proper place. Surely, then, to us farmer folk, recreation comes rightfully, if at all; for the toll always comes first, and in too many cases, last and all the time. Some one has said that to properly divide our time, out of every twenty-four hours, eight should be given to toil, eight to sleep, and eight to recreation, in order to obtain the best physical development.

No doubt this would be a splendid formula if it could be followed, but I fear it would not be practicable for the majority of farmers. Too often we find toil occupying the greater portion of the day, with just sleep enough to get through on; and recreation, if any, comes just when it can, and then in all too small doses.

Now, if we can not equally divide our time and give recreation its full share, it ought not to be left entirely out of any day, though of necessity, some days will be more fully given to work than others. But, perhaps, by planning wisely, what must be borrowed for work at one time may be paid back to recreation's account at another time.

I really believe we try to do too much these days, and so rob ourselves of time to enjoy various recreations. If we might but live more simply! Our actual needs are much less than our wants. We need to make a compromise somewhere between needs and wants, and so reduce work, care, and expense, and thus have more time for the enjoyment of the pleasures of life. The work would thus be less arduous, I am sure.

I was startled to read in one of our reliable farm papers, a short time ago, the fact that a large per cent of those occupying our hospitals for the insane were from the rural districts. The article gave as causes, the monotony and isolation of farm life. There must have been lack of recreation to bring about such conditions, for they seem almost impossible if proper, available diversion be indulged in, even though one be somewhat removed from neighbors.

One need not limit companions to people, especially when one lives so

near to nature in all her attractive forms as does the farmer—to say nothing of the companionship of books.

Farm life, with relaxation taken in large and frequent doses, may be the ideal life, but we have not yet reached the ideal, though we are advancing toward it.

Being convinced of the necessity for recreation, we look about for means to obtain it, and surely of these there is no lack.

Let us first understand that our recreation need not always be play—in fact, it ought not to be; for we must accomplish much other than mere amusement in these precious hours spared from toil.

First, as a real relaxation for farmers and farmers' wives, let us consider reading, only just touching that subject, however. Farmers and wives, do you read? Of course you do, but what? The daily? Yes, and good enough in its place, but what else? Do you supply yourselves with good literature along various lines? Of course you take at least one farm paper; no intelligent farmer can get along without one in this day, and the reading and study of that will not only give recreation and broaden the mind but will add to your income, as well. But do not be narrow—a man of but one idea. Read something else. Take a good magazine. A study of current events as given in the magazines is splendid recreation. For variety, a good story is highly enjoyable and oftentimes profitable as well. This reading need not take much time. You will be surprised at the good a half hour's careful reading each day aside from the daily, will do you. Try it if you have never done so, and you will accomplish much. This should be the minimum of time spent. More time will of course pay larger dividends.

"Music hath charms to sooth the savage breast"—and the farmers', too. It is restful and recreative to enjoy good music whether you produce it or listen to others. Our farm paper tells of a grandmother learning to play the guitar and enjoying it to the full. It was her recreation. Have some music in the home and make it render you joy and delight. It will help you keep young and that is what all this recreation is for.

The culture of flowers is an inspiration to minds and bodies often overtaxed with the prosy tasks of cooking, cleaning, and mending. They bring to us a message of love from Heaven, and their response to the care given them more than compensates for the efforts expended. Their very presence will give joy to all who see them, and the gardener has found recreation in caring for them.

I might mention various kinds of fancy work as a pleasurable form of relaxation for the farmer's wife, but I will merely suggest it in passing and say, if you enjoy such work, make it part of your recreation and rest, and I doubt not it will yield you profit.

Now, you are beginning to think I am entirely ignoring the element of play in our recreation, but I am coming to it. As a rule, we do not take our play alone as we do our reading; but we get together and take it in a large, compound dose. No Homoeopathy about it. I say, all hail such occasions! We need more of them.

Farmers do not have nearly so many gatherings now as they had years ago, many of which you older ones may have enjoyed; and I believe we are the poorer for it. We think we do not have time for them and yet we have more time-savers by far than they of old had. We think we do well to spare a day for the Fourth of July and maybe in this neighborhood, one for the Farmer's Institute.

There is too great a tendency to let the boys and girls have all the merry-makings, and the fathers and mothers stay at home—especially from eve-

ning gatherings—and feel too old to go. Do you not think if the whole family would enjoy such occasions together more, there would be one more bond to hold the family together? But friends, let us not wait for neighborhood gatherings for our playtimes. They don't come often enough. Make occasions just for you and your family. Take a day once in a while and I know you will have no trouble in finding a pleasant way to spend it. Go fishing, or nutting, or visit some place of special interest within reach.

When you cannot spare a day, take a few hours. Get out that carriage that is used all too seldom—or even that vehicle of all days, the big wagon—and drive around just for a pleasure ride. You'll see what your neighbor is doing better—and sometimes worse—than you, and will come home rested and encouraged, I'll venture to assure you.

I have only mentioned a few of the means by which we may get the results desired from recreation. Many more might be named among them—travel, art, various lines of study, charitable and church work, and so on.

After all, it is not so much the means as the end that we must consider. Each individual will be best able to decide for himself what his recreation shall be, and if careful to choose innocent and healthful diversions, the end will be gained. For relax we must that our bodies and spirits be refreshed and recreated; our days will be, not only longer, but happier. Thus will we have come nearer making our lives "one grand sweet song."

### Tested Recipes.

To Cook Cranberries.—Select whole, ripe cranberries, wash, put on about 9:30 a. m. in plenty of cold water and one-half teaspoonful of soda; when they boil pour off the water, put in more cold water and when they pop open add sugar to taste; cook slowly all the morning.—Mrs. Frank Patrick.

Caramel Pudding.—1 cup granulated sugar (caramelized)—to caramel sugar put one cupful of granulated sugar into an iron saucepan, stir until it melts; when smoke comes from the center add a cupful of boiling water. 1 quart milk, pinch of salt, 2 tablespoonfuls corn-starch (smothered in the same amount of milk), 2 eggs well beaten. Add the milk to the caramel and when dissolved pour over eggs and corn-starch, cook until thick, cool and serve with whipped cream.—Willa Rodgers.

Chopped Tomatoes.—1 peck green tomatoes, 3 peppers, 3 onions, 1 cup salt; stand over night, drain. Now add 2 quarts vinegar, 1 tablespoonful cloves, 1 tablespoonful allspice, 1 pound sugar; boil one hour.—Mrs. Earl Williams.

Cream Pie—Cream filling for pie—2 tablespoonful with enough water to make a smooth paste, 1 cup milk or water if you use lemons, ½ cup sugar, yolk of 2 eggs, 1 teaspoonful vanilla or juice of two lemons. Let sugar and milk come to a boil and add corn-starch and let boil 4 minutes; then add the eggs and boil one minute; add vanilla or lemon-juice. Put in the crust already baked and add meringue, which is made from the whites of the eggs used for filling, 2 tablespoonfuls of sugar, beat well and put the pie in your oven until a light brown.—Mrs. Chas. Elliot.

### Where Do All the Lanterns Go?

People often wonder where all the pins go that are manufactured annually. We might inquire with equal wonder, where do all the lanterns go? Take the single house of R. E. Dietz Company, a big one, we grant, who have been manufacturing lanterns ever since 1840. There must have been many millions sent out by the Dietz Company, and yet the demand seems to be as strong as ever. The Dietz Company have two big plants—one in New York City, right down in the busiest part of the wholesale district; the other in

## HOSPITALS CROWDED

### MAJORITY OF PATIENTS WOMEN

Mrs. Pinkham's Advice Saves Many From this Sad and Costly Experience.



It is a sad but true fact that every year brings an increase in the number of operations performed upon women in our hospitals. More than three-fourths of the patients lying on those snow

white beds are women and girls who are awaiting or recovering from operations made necessary by neglect.

Every one of these patients had plenty of warning in that bearing down feeling, pain at the left or right of the womb, nervous exhaustion, pain in the small of the back, leucorrhoea, dizziness, flatulency, displacements of the womb or irregularities. All of these symptoms are indications of an unhealthy condition of the ovaries or womb, and if not heeded the trouble will make headway until the penalty has to be paid by a dangerous operation, and a lifetime of impaired usefulness at best, while in many cases the results are fatal.

The following letter should bring hope to suffering women. Miss Luella Adams, of the Colonnade Hotel, Seattle, Wash., writes:

Dear Mrs. Pinkham:—

"About two years ago I was a great sufferer from a severe female trouble, pains and headaches. The doctor prescribed for me and finally told me that I had a tumor on the womb and must undergo an operation if I wanted to get well. I felt that this was my death warrant, but I spent hundreds of dollars for medical help, but the tumor kept growing. Fortunately I corresponded with an aunt in the New England States, and she advised me to take Lydia E. Pinkham's Vegetable Compound, as it was said to cure tumors. I did so and immediately began to improve in health, and I was entirely cured, the tumor disappearing entirely, without an operation. I wish every suffering woman would try this great preparation."

Just as surely as Miss Adams was cured of the troubles enumerated in her letter, just so surely will Lydia E. Pinkham's Vegetable Compound cure every woman in the land who suffers from womb troubles, inflammation of the ovaries, kidney troubles, nervous excitability and nervous prostration.

Mrs. Pinkham invites all young women who are ill to write her for free advice. Address, Lynn, Mass.

Syracuse. In these two factories they employ from 300 to 400 men, and they are busy every working day in the year. Much automatic machinery is used, which takes the place of still more men. As an illustration it is said that the machinery in this one plant used to make, bend and finish the guards and handles, if kept steadily at work, would be sufficient to supply all the lanterns made in the world.

The truth is that the Dietz people do supply a very large proportion of the world's lanterns. And this is not merely due to a sentiment either, or to the fact that the name Dietz has been associated with lanterns for about two generations. Dietz lanterns have always been known as high grade. The best possible material, glass, wire and tin, are always used in their making. More than this, a Dietz lantern in any one of its many styles, is a model of convenience, of safety, of cleanliness and of good light. The "clear white light of the Dietz," a phrase which these people are using in their advertising, is not a meaningless one. That is the reputation it bears among lantern-users. We can't answer where all the lanterns go, but wherever they go, a goodly proportion of them are branded Dietz. And where a Dietz goes there is pretty sure to be satisfaction.

### The Centre of the United States.

EDITOR KANSAS FARMER:—The center of the United States is in Kansas, a unique situation for the World's Fair in 1911. It is an advantage no other State can claim. Every place points to a center and every State in the Union would contribute something for a lasting monument for the central spot of the United States, the greatest, grandest, Republic in the world. Mrs. G. B. BELSTON.

Washington County.





### A Suggestion for Rural Teachers.

A. BOSS HILL, DEAN OF MISSOURI TEACHERS' COLLEGE.

In the district school perhaps the greatest problem for the teacher is to keep the pupils interested in the work of the school. The whole thing seems so unnatural to the pupil, to the boy in particular. The boy is right. The life he is expected to lead during school hours is so artificial and unnatural as compared with his activities outside of school hours that it is little wonder that he grows restless and loses interest in the work of the school, if indeed his interest in it is ever awakened at all. The remedy for this condition of affairs is to be found in making the conditions of school life more like those of the home and the community.

Now for the boy from the farm, this much-needed change can be most easily and effectively brought about by the introduction of elementary agriculture as one of the subjects of study in school. The boy's interest in farming operation have already been awakened at home; and if the school will but utilize these interests and show the relation of farming to other industries, to trade, and to progress in all that makes for man's comfort, it will be quite easy to interest him in such other subjects as history, geography, and arithmetic. These subjects will come to mean something to him because he will see their relation to the farm activities in which he is already interested. Besides, the boy's observations outside of school have already introduced him to the elements of many sciences; and instead of putting him at work in school on subjects entirely foreign to his education up to the time he entered, these elements of knowledge should be made the starting point of his school work.

### A Word from Texas.

D. C. Darroch of Gillespie County, Texas, in sending in his renewal subscription for the KANSAS FARMER and several other periodicals, gives report of his section of the vineyard as follows: "We had a fine corn crop which is selling at 40 cents per bushel; wheat, \$1, with only a fair crop; cotton medium. Our nearest railway point is 26 miles away. This is a fine, healthy country, 1,800 feet above sea level. I run a small dairy of 35 cows."

## HOLIDAY GIFTS FREE WITH \$10 WORTH OF LARKIN PRODUCTS



THIS handsome \$10.00 Music Cabinet is one of many valuable Larkin Premiums which make appropriate presents, given free with your \$10.00 selection of

Larkin Laundry and Toilet Soaps, Toilet Articles, Coffee, Teas, Spices, Extracts

and other home needs. The average family uses \$10.00 worth of these daily necessities in two months. Buying them direct from the manufacturer will furnish your home without cost.

### THIS IS THE LARKIN IDEA.

Larkin Factory-to-Family dealing gives you \$20.00 value for \$10.00; no retail dealer can afford this. Larkin Products and Premiums are of highest quality. At end of 30 Days' Trial, money refunded if any article is unsatisfactory. Over three million customers are being benefited in many ways that cannot be explained here.

Write for new Premium List 15 and Larkin Product Booklet. They interest everybody.

**Larkin Co.**

ESTABLISHED, 1875. BUFFALO, N. Y.

## Club Department

### OFFICERS OF THE STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. May Belleville Brown, Salina  
Vice-President.....Mrs. L. H. Wishard, Iola  
Cor. Secretary.....Mrs. N. I. McDowell, Salina  
Rec. Secretary.....Mrs. W. D. Atkinson, Parsons  
Treasurer.....Mrs. H. B. Asher, Lawrence  
Auditor.....Mrs. Grace L. Snyder, Cawker City

### Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1905).  
Give and Get Good Club, Barryton, Shawnee County (1905).  
Women's Literary Club, Osborn, Osborn County (1905).  
Women's Club, Logan, Phillips County (1905).  
Domestic Science Club, Osage County (1905).  
Ladies' Orchestral Club, Tully, Lawrence County (1905).  
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1905).  
Chautau Club, Highland Park, Shawnee County (1905).  
Culms Club, Phillipsburg, Phillips County (1905).  
Literature Club, Ford, Ford County (1905).  
Sabbath Club, Mission Center, Shawnee County, Route 2, (1905).  
Star Valley Women's Club, Iola, Allen County (1905).  
West Side Forestry Club, Topeka, Shawnee County, Route 2, (1905).  
Fertile Club, Grant Township, Reno County (1905).  
Progressive Society, Rosalia, Butler County (1905).  
Pleasant Hour Club, Wakarusa Township, Douglas County (1905).  
The Lady Farmers' Institute, Marysville, Marshall County (1905).  
Women's Country Club, Anthony, Harper County (1905).  
Takes Embroidery Club, Madison, Greenwood County (1905).  
Mutual Improvement Club, Vermillion, Marshall County (1905).  
Friends Reading Club, Cawker City, Mitchell County (1905).  
Cosmos Club, Russell, Kans.

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

### ART STUDY PROGRAM.

Joseph Mallard William Turner.

Roll-call—Quotations from Ruskin.

I. The dark spots in Turner's Life.

II. The old Temeraire.

III. Ruskin, Turner's prophet.

IV. Characteristics of Turner's style.

This is a continuation of the last art-study program, and may be exceedingly interesting and instructive.

I. When we look at the pictures produced by Turner it is hard to reconcile the everyday life with the Turner in art; but as in all lives, his had its dark spots. The uncontrollable temper, and afterwards the insanity of his mother were perhaps his greatest misfortunes. The absence of the influence of a good, self-sacrificing, loving mother is a deprivation, but to him the mention of his mother was an insult. In the prime of life he was disappointed in love and never married, which was a cause of much that was unlovely and worthless in his life, which made many dark spots that otherwise would not have been.

II. The old Temeraire is considered the greatest of all Turner's works. The Temeraire was Nelson's flag-ship; and besides the study of the picture as a work of art, it is also a subject of historical interest. Speaking of the picture, one writer said: "It is the noblest English poem founded on English scenery and English events ever thrown on canvas."

III. To have an admirer and friend such as Ruskin is in itself a great compliment. Although his works were severely criticised, he found in Ruskin the most eloquent advocate any artist ever possessed.

IV. It is better to study Turner's pictures than his life. They may not always be true to nature but they are beautiful. Perhaps the most prominent characteristic of Turner's style is his coloring and atmospheric affect. Turner was able to produce with his brush an atmosphere so perfect that the time of day was discernable—whether morning, noon, or evening; whether spring, summer, or winter; whether it was calm or the wind was blowing.

### Embroidery Club.

Our Embroidery Club is still in a flourishing condition. At the present time we are having badges made for each individual member. We had the club pictures taken, and they are fine. We have a set program for each meeting for three months. The first meeting of the three is a social meeting; the next quotations; the next current events; then the next quarter is begun with a social meeting again. We are meeting with each member alphabetically, which we find a good plan. We have a business meeting of a half hour or so, then adjourn and have a social



**EDDYSTONE  
PRINTS**

## Simpson - Eddystone Solid Blacks

Especially adapted for mourning dresses; desirable also for effective costumes with artistic trimming. Fabrics are well-made and extremely serviceable. Absolutely fast color.

Ask your dealer for  
Simpson-Eddystone Solid Blacks.  
Three generations of Simpsons  
have made Simpson Prints.

The Eddystone Mfg Co (Sole Makers) Philadelphia



## 80c YOU PAY TOO MUCH



Profit to dealers when you buy your stoves at retail. We sell all kinds of stoves and ranges at wholesale prices. WRITE FOR FREE CATALOG TODAY. It will tell you how to save the jobber's and dealer's profit. It will show the difference between our FACTORY prices and retail prices and will tell you all about our plan of selling on

### 30 DAYS FREE TRIAL

We not only sell you any kind of a Heater, Range or Cook Stove at Factory Prices, but our Free Trial Plan allows you to give our goods 30 days test in your own home. See the factory price on this Round Oak Heater—less than half its cost at retail. Heavy cast base and fire pot with circular draw center grate for any kind of fuel. Body or drum of heavy smooth steel, full nickel trimming, nickel-plated air tight screw drafts, large door, handsome urn, large ash pan—in every respect a modern oak heater. You cannot afford to buy a stove without having our Catalog, which is mailed free for the asking. The prices will astonish you, and our guarantee and free trial offer protects you. We carry the largest line of stoves in the West and make all shipments from Kansas City.



\$3.50

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

time. Our presiding officer is the "Lady Olive." Then we have "Assistant Lady Olive," "Recording Lady Olive," and instructor.

We will try and report oftener.  
Madison, Kans. **MRS. FILER.**

### A Course for Busy Farmers.

The State of Missouri through its Agricultural College at Columbia is planning to offer a short course this winter for busy, practical farmers who want to improve but have not time to take the regular course. Beginning January 4, 1906, eight weeks' courses will be offered in stock-judging, dairying, horticulture, animal husbandry, and farm-crops. In every subject the farmer will be given just the knowledge he can turn to account when he goes back home in the spring. This instruction is provided by the State and ought to be taken advantage of by every Missouri farmer.

"Good farming," says Lockhardt, "consists in taking large crops from the soil, while at the same time you leave the soil in better condition for succeeding crops."

Clubman—It's astonishing how many fools there are in the world!  
Philosopher—Yes, and there's always one more than we think.—Translated for Tales from Simplicimus.

## DO YOU WANT GOOD READING



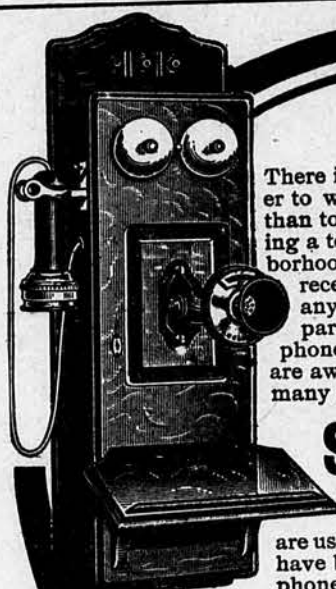
The yearly subscription price of the following magazines is as follows:

Review of Reviews.....	\$3.00
The Cosmopolitan.....	1.00
Woman's Home Companion.....	1.00
Kansas Farmer.....	1.00

Total..... \$6.00

We have 1,000 subscriptions for the first three to dispose of and can therefore offer the four above-named magazines for \$3 received at this office. The four must go in one set, though they can be sent to different addresses. Address

**KANSAS FARMER CO.,  
TOPEKA, KANSAS.**



### Widen The Circle

There is no better way for the farmer to widen the circle of his influence than to join with his neighbors in building a telephone line. It extends the neighborhood circle and enables each one to receive advantages that cannot be had in any other way. The cost is meager compared with the benefits of a good telephone line, and progressive farmers, who are awake to their own interests, are building many such lines.

## Stromberg-Carlson Telephones

are used on nearly all farmers' lines because they have been found to be the most suitable telephones for that purpose. It don't pay to experiment when you can get Stromberg-Carlson

Telephones and be sure of good service. Start off with the best and your line will always work satisfactorily. You will also avoid the expense of changing instruments in a few months. Book 129-I, "How the Telephone Helps the Farmer," tells how to organize, build, and operate a farmer's line. It's free, and every farmer should have a copy.

Address  
Nearest  
Office

Write  
For Book  
Today

**STROMBERG-CARLSON TELEPHONE MFG. CO.  
ROCHESTER, N. Y. CHICAGO, ILL.**



## KANSAS FARMER.

Established in 1863.

Published every Thursday by the  
KANSAS FARMER CO., - - TOPEKA, KANSASE. B. COWGILL.....President  
J. B. MCAPPE.....Vice President  
D. C. NELLIS.....Secretary and Treasurer

SUBSCRIPTION PRICE: \$1.00 A YEAR

E. B. COWGILL.....Editor  
D. GRAHAM.....Associate Editor  
H. A. HEATH.....Advertising Manager

Entered at the Topeka, Kansas, postoffice as second-class matter.



## 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.

## Table of Contents

Alfalfa, spring-sown.....	1149
Club department.....	1157
College train on the Rock Island.....	1147
Corn land, renewing.....	1149
Costly seeds, adulteration of.....	1153
Farm management.....	1149
Farmers and farmers' wives, recreation for.....	1156
Hog-cholera.....	1151
Horticulture.....	1150
Irrigation movement in California, a new.....	1159
Kansas oil, distribution of.....	1159
Kansas, population of.....	1163
Little ones, for the.....	1155
May hunt rabbits without license.....	1159
Milking quality, the.....	1162
Old age (poem).....	1156
Poultry department.....	1166
Prairie grange, a day at.....	1160
Pumping, horsepower for.....	1159
Segovia-La Granja.....	1154
Stock interest, the.....	1151
"To my dog, Blanco" (poem).....	1154
Vain tortoise, the (poem).....	1155
Veterinarian, the.....	1161

## THE COLLEGE TRAIN ON THE ROCK ISLAND.

(Continued from page 1148.)

el or so of the choicest ears and plant this corn in a body by itself, as described above. Better select out forty or fifty of the very choicest ears and plant the corn from each ear in separate rows. In this way the breeder is able to determine which are the producing ears and select seed from these for future planting. When the corn is tasseling and beginning to silk, pass through the field and remove the tassels from the stalks which show no appearance of a shoot, and from every feeble and diseased stalk, in order to breed only the best. In this way the farmer really selects his breeding stalks the same as he does his breeding animals. Seed-corn should be selected in the field so that the breeder may observe the stalk as well as the ear. Select for uniformity in stalk and ear, choosing ears which are well placed on vigorous, leafy stalks. Select for uniform maturity of ears as well as for uniformity in type, size, and quality.

Seed-corn should be stored and cured in a dry, well-ventilated room, and if the weather becomes damp and cold before the corn is fully dry, complete the drying by artificial heat. Corn well dried and kept in a dry place will not be injured by freezing.

During the winter the seed-corn should be carefully sorted over and the breeding ears for next season's seed field selected. We have to-day score-cards for corn, by which the perfect ears of different varieties are required to conform to a certain standard as regards size, length, type, uniformity, etc. Perhaps the breeders have not yet learned to recognize all

the vital points of a good ear of corn, but some of the characteristics which indicate good quality and a high yield in corn are known. The ear should be of good size, symmetrical in form, with straight rows of long, well-dented, medium, wedge-shaped kernels. A cylindrical ear allows for more kernels on a cob and a more uniform length in kernels. The tips should be well filled, and at the butts of the ears the kernels should swell out about the shank. The space between the crowns of the kernels should be narrow, also there should be no unoccupied space at the tips of the kernels where they enter the cob. The kernels should also be uniform in color, either white, yellow, or red, according to the type and variety of corn which they represent. A large germ in the kernel indicates vitality and high feeding value, since the germ of the kernel contains nearly all of the oil in the grain and is also rich in protein.

A large yield of corn depends not only on the breed of corn, the fertility of the soil, and the cultivation of the crop, but it also depends upon the germination of the seed, the stand of corn, and the number of ears produced per acre, as well as the type of ear and the type of kernel on the ear. It therefore becomes very important to plant viable seed, and every farmer should test the germination of his seed-corn before planting. The actual yield of corn per acre is usually far less than the estimated yield. For instance, with a perfect stand of corn, hills three and one-half feet apart each way and three stalks in the hill, with one good, average ear to the stalk weighing three-fourths of a pound, the yield should be 128.5 bushels of shelled corn per acre. With ears weighing one pound apiece the possible production from an acre of land, under the conditions stated above, is 171 bushels. A 30-bushel crop of corn will just pay for the growing. When we consider the fact that a bushel of seed-corn will plant eight acres and is capable of producing on good soil in the average season, with good, average cultivation, 400 bushels of corn, we begin to appreciate the value of this bushel of seed-corn. The farmer can afford to do a great deal of work in growing seed-corn, selecting the seed ears, grading and scoring these ears, and testing the germination of the seed previous to planting, that he may secure a good stand and insure the production of a profitable crop.

The Editor of the KANSAS FARMER met the train at Herington last Saturday morning and accompanied it during the ten stops between that city and Topeka. The only unpleasant feature of the trip was the slight delay caused by the enormous traffic. This put the train somewhat behind its schedule, especially towards the close of the day, and prevented the reception planned by prominent citizens of this city and vicinity under the leadership of the veteran farmer, Hon. Bradford Miller.

The train is continuing its missionary work and by the end of this week will have completely covered the Rock Island system in Kansas.

## ADULTERATION OF COSTLY SEEDS.

The U. S. Department of Agriculture has just issued a circular on "Adulteration of Alfalfa and Red Clover Seed." The information given in the circular was obtained by examining seeds bought in the markets. Out of 658 samples examined, twenty-two were found to be adulterated. Three of these adulterated samples were of red clover and contained yellow trefoil in amounts of 10.55 per cent, 26.85 per cent and 14.08 per cent. The alfalfa samples were found to contain bur clover and yellow trefoil and one sample contained sweet clover. The percentages of adulteration of alfalfa varied from 1.25 to 45.73 per cent.

The names of the seedsmen who sold the adulterated seed are given in the circular. Most of them are Eastern firms.

The department offers to examine samples free of charge. Dealers and

## CANADIAN LANDS, MANITOBA, ASSINIBOIA.

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

E. L. CAMP,

511 Guaranty Bldg., Minneapolis, Minn.

## LAND OF FRUIT AND FLOWERS

Kennewick Under the Northern Pacific Canal on the Great Columbia River.

The Earliest crops and the Largest returns. Kennewick land is especially adapted for raising Fruits, Berries, Alfalfa, and Grapes. Alfalfa hay is always cut four times each season and yields ten tons to the acre. Our Strawberries netted as high as \$450 per acre. Earliest point in Washington or Oregon. BEST CLIMATE. SURE WATER SUPPLY. OFFN RIVER TO THE OCEAN. Write for particulars.

KENNEWICK LAND CO., Inc.,  
Kennewick, Yakima County, Washington.

## THE UNITED STATES GOVERNMENT

is expending over seven million dollars in building reservoirs and canals to irrigate 770,000 acres of magnificent farming lands around Nampa, IDAHO, the railroad center of the State which is ample proof of the great fertility of our farm lands.

ONE MILLION BEST-SUGAR FACTORY is securing contracts for raising sugar-beets prior to its erection.

OUR CROPS—five to eight tons alfalfa per acre per year—potatoes three to five hundred bushels—two crops timothy and clover—wheat 30 to 60 bushels, oats 30 to 50 bushels, barley 50 to 60 bushels per acre. All fruits raised to great perfection.

Write or call on any of the following citizens of Nampa, IDAHO: R. W. Purdum, Mayor, Mine Owner; C. E. Dewey, Railways, Mines, Hotel Nampa, Development Co.; Walling & Walling, Real Estate; Stoddard Bros., Hardware; Lamson & Estes, Real Estate; Tuttle Mercantile Co.; Langdon Mercantile Co.; Robbins Lumber Co.; Central Lumber Co.; Bank of Nampa; Citizens' State Bank; Grand Hotel; Central Implement Co.; Nampa Hardware & Furniture Co.; W. L. Brandt, Real Estate; Mrs. R. E. Green, Lands; King & Wiltarding, Townsites; W. F. Prescott, Lands; Dewey Livery Stables.

## MAKING LARGE PROFITS

in raising Oranges, Lemons, English Walnuts, Pears, Figs, Peaches, Almonds, Olives and other fruits is what the Los Molinos lands are especially adapted for.

The Los Molinos fruit tracts are just the place for the farmer, merchant or fruit raiser to make a home. Location ideal. A climate of perpetual green, with a suitable crop for every month in the year. Town of Los Molinos on railroad and the navigable Sacramento River now ready.

Prices exceedingly reasonable and most favorable terms. Purchasers of land amounting to value of \$1,000 or more will have fare allowed on purchase price. Write now—to-day—for complete information.

LOS MOLINOS LAND CO., 305 WASHINGTON STREET, RED BLUFF, CALIFORNIA

## SNAKES

are not found in the SNAKE RIVER VALLEY, but here is found the most beautiful tract of agricultural land in the United States, and you do your raising, and have no failures of crops, that's irrigation. No Cyclones or Blizzards. This country needs live, wide-awake men, who wish a new home in the rapidly developing west, and offers cheap land, good church and school facilities, and a chance to make money to those who are willing to work. St. Anthony, the County seat of Fremont County, Idaho, is a bright and growing town in the very heart of a rich and growing richer country, and if you wish reliable information in regard to prices, soil, climate and our prospects, write any of the following firms: First National Bank; C. C. Moore Real Estate Co.; Wm. D. Yager Livery Co.; Murphy & Bartlett, Cafe; Commercial National Bank; C. E. Moon, Farmer; Chas. H. Heritage, Riverside Hotel; Miller Bros., Grain Elevator; Skelet & Shell, General Merchandise; Chas. S. Watson, Druggist; Gray & Ross, Townsites; W. W. Youmans, Harness Store.

## HEAT YOUR HOUSE

Store Church or School House With

Bovee's Compound Horizontal  
Radiator Furnace



Thousands in use; 11 Years on the Market Having BOVEE'S Improved Hot Blast Ventilating System and Return Circulating Radiator, which gives perfect pur- air and saves One-Third of the Fuel. Any handy man can properly install one of these furnaces with all connections in a short time. These furnaces absolutely make the best and most durable heating plant in use. Everything guaranteed to be first-class. We can save you 40 per cent on the cost of your heating plant, our price being but little more than good stoves. Send for catalogue.

Manufactured and Sold by the  
Bovee Grinder and Furnace Works  
Waterloo, Iowa.

Bovee's  
Horizontal  
burns  
any kind  
of fuel

## LUKENS BROS.

SELLING AGENTS

809 N. KANSAS AVENUE

Topeka, Kansas

We keep on hand at all times a full line of BOVEE'S COMPOUND RADIATOR FURNACES, which we erect on short notice. Ask for our list of pleased Kansas customers. Call and see us or write for full particulars about erecting a furnace in your home.

## 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



purchasers will do well to avail themselves of this opportunity.

Professor Roberts of the Kansas Experiment Station, at Manhattan, has offered to examine seeds for people of Kansas. Better have a sample examined before purchasing except from a neighbor.

#### HORSEPOWER FOR PUMPING.

EDITOR KANSAS FARMER:—Please print in your excellent paper cut and description of rig for pumping water by horse power, giving lengths and sizes of parts.

R. W. SMITH.

Woodward County, Oklahoma.

There are on the market horse-powers of various sizes and kinds. Some cheap, home-made powers have been described. If one desires to pump much water for irrigation purposes, he will need a power that would be too costly to use if only enough for a few head of stock were to be pumped. However, the KANSAS FARMER will be pleased to hear from such of its readers as have used horse-power for pumping, whether much or little water was required. Describe, and, if possible, illustrate the apparatus used, tell of its capacity, the cost of operating it, and whether, after the experience had, you would advise the use of horse-power, windmill power, or gasoline power.

#### MAY HUNT RABBITS WITHOUT LICENSE.

Having seen in the KANSAS FARMER that a person has to have a license to hunt protected game, I would like to know what kind of game is protected?

People here say rabbits are not protected, and that a person can hunt rabbits without license. Please let me know through your paper if this is so or not.

JOHN KOVAR.

Shawnee County.

The game which may not be hunted in Kansas without license, or with license only during specified portions of the year, follows: "Partridge, pinated grouse, prairie chicken, quail, plover, pheasant, oriole, meadow lark, robin, thrush, redbird, mocking-bird, bluebird, wild ducks, wild geese, wild brant, and red squirrel."

Rabbits are not included in the list and may, therefore, be hunted without license; but no person may hunt upon the improved land of another, or along the roads or hedges adjacent thereto without the written consent of the owner or occupant of the premises.

#### DISTRIBUTION OF KANSAS OIL.

Last week the KANSAS FARMER made mention of the fact that the Uncle Sam Oil Company had its distributing plant in operation in Topeka. Since the same was printed Judge Rightmire, field manager and general attorney of the said company, informs us that it has secured location and is installing distributing stations at the following points: Anthony, Wellington, Winfield, Caldwell, Wichita, Kingman, Hutchinson, Peabody, Salina, Concorria, Topeka, Burlingame, Parsons, Pittsburg, Olathe, Leavenworth, Atchison, and St. Joseph, Mo. And that the company will be distributing two grades of illuminating oil, and gasoline, in its barrels and wagons from each of these points within about two weeks.

Those of our patrons who wish to use this high-grade oil can secure the same if they will insist that the merchant with whom they trade must supply it.

#### A NEW IRRIGATION MOVEMENT IN CALIFORNIA.

California, the part of the United States in which irrigation was first used by Americans, is waking up to the fact that some of her most desirable irrigable lands are yet reaping small crops under a system of dry farming.

Surveys have determined that the Sacramento Valley proper comprises 2,661,120 acres, exclusive of the channel surface of perennial streams. The marked advantages for irrigation that have attracted the attention of the Reclamation Service are the vast area of fertile, irrigable lands, the unusual number and extent of natural storage

basins, the ample water-supply, and the winterless climate, which, with irrigation, admits of practically continuous cropping, thereby insuring much greater returns from land irrigated than could be secured where Nature is less kind.

In consequence of the awakening to these possibilities, a movement has been inaugurated to bring the great wheat ranches of the Sacramento Valley into a more profitable cultivation as smaller irrigated farms. This new development will be watched with interest by people this side of the Rocky Mountains as affording opportunity for the farm homes for vast numbers of people.

#### What Liquozone Is.

The virtues of Liquozone 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 Liquozone kills any form of disease germ, because germs are of vegetable origin. Yet to the body Liquozone 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. Liquozone is exhilarating, vitalizing, purifying; yet no disease germ can exist in it.

We purchased the American rights to Liquozone after thousands of tests 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 Liquozone 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 Liquozone can do.

Where It Applies.

These are the diseases in which Liquozone 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.

#### Where It Applies.

Also most forms of the following:

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

Kidney Troubles  
Stomach Troubles

Liver Troubles  
Women's Diseases

#### Liquozone by What It Does.

#### The First Bottle Is Free

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

#### 50c Bottle Free.

If you need Liquozone, 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.

Liquozone costs 50c. and \$1.

#### CUT OUT THIS COUPON.

Fill it out and mail it to The Liquozone Company, 468-464 Wabash Ave. Chicago.

My disease is.....

I have never tried Liquozone, 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 Liquozone will be gladly supplied for a test.

#### Shawnee Breeders' Association Short-horn and Poland-China Sale.

On Friday and Saturday, December 15 and 16, the Shawnee Breeders' Association will hold a two-days sale at the State Fair grounds in Topeka. Friday, December 15, will be devoted to the sale of Shorthorns contributed by some of the oldest and best-known breeders in Kansas.

Saturday, December 16, will witness the sale of a fine lot of Poland-Chinas at the same place. Every effort is being put forth by the officers of this association to make of Topeka a center for the sale of pure-bred live stock of all classes so that the breeders of this vicinity may have a regular and steady market for all their surplus stock. For the December 16 sale a few more Poland-Chinas will be received. Send pedigrees and footnotes to Secretary I. D. Graham, Topeka, at once.

#### The McLaughlin Horses.

Mr. James McLaughlin, of the firm of McLaughlin Bros., of Columbus, St. Paul, and Kansas City, writes from Caen, France, as follows:

"I have already bought twenty Coaches, including six winners at Paris. Among them are sons of such noted horses as Reseda, Sebastopol, Narquois, Nabuco, Norodum, Pauliac, and others, the very best stallions owned by the French Government. Among the lot is the very best 3-year-old that has been seen in France for many years. He is certain to win at all the big shows in America. The other buyers offered a big price for him but Mr. Brion would sell him to no one but me. The leading breeders here would not put a price on any horse until after I had refused him. Therefore, as usual, all the best Coaches will come to our stables."

#### The Wichita Shorthorn Sale.

The combination sale held at Wichita November 10 was not as well attended as the consignors, H. M. Hill, Lafontaine, W. H. Ranson, Wichita; H. E. Bachelder, and Messrs. Clark, Fredonia, expected. The buyers were few and it was deemed wise not to force the market and in consequence the offering was not quite all sold. The average on those sold was \$65.70. The principal buyers were S. J. Butts, Mulvane; C. Levering, Benton; F. T. Little, Maize; W. C. Cummings, Heston; Andrew Small, Wichita; J. D. Brewster, Bellplain; A. L. Burton, Wichita; James Healey, Aulne; Geo. B. Ross, Alden; J. P. Royal, Oatville; Jas. Conner, Wichita; H. Bumgardner, Geuda Springs; L. W. Stewart, Sedgwick. The highest priced animal in the sale was \$125 and the lowest was \$40. Many of the animals were bargains to the purchaser. The offering would probably have brought a trifle more money had some of the better ones carried more flesh; a number of them were just off of pasture and had sucking calves and were too thin to appear to the best advantage.

Well has he lived who has lived well in obscurity.—Ovid.



## Grange Department

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

All communications for this department should be addressed to Mrs. Kittie 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, Tippecanoe City, Ohio

### KANSAS STATE GRANGE

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

### EXECUTIVE COMMITTEE

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

### STATE ORGANIZER

W. B. Obryhm..... Overbrook

### A Day at Prairie Grange.

MRS. KITTIE J. M'CRACKEN.

A number from Oak Grange accepted the invitation to attend the fair in process of arrangement, at Prairie Grange, Oct. 28.

The day was chilly, but those who ventured the trip found the ride quite exhilarating. The hearty welcome from old-time friends—and new ones, too—and the warmth and cheer pervading, made one forget the slight discomfort of snow flurries and chilling winds. The genial master of Prairie Grange, Mr. William Firestone, was untiring in his efforts to have affairs move smoothly. He was ably seconded by his cheery wife, who made every visitor feel the homey atmosphere which her presence created. We were pleased to meet our friends of many years, Mr. and Mrs. Dunlap, who were "moving spirits" in the day's success. We wish here to bear testimony to the warm, fraternal greeting accorded us from all, whether strangers or acquaintances.

A "Grange feast" was served at the noon hour, which fully met the wants of those whose appetites the long ride thither had sharpened.

After an hour spent socially, the business of awarding premiums was taken up. Judges were selected for the several departments, who, after due deliberations made the following awards:

Best field-corn raised by boy—First to Preston Croyle; second to Lee Firestone.

Best pop-corn raised by boy—first to Roy Croyle; second to Preston Croyle.

Best collection of grasses—first to Roy Carlat; second to Jesse Carlat.

Best bread made by girl under 10 years—first to Ruth Firestone; second to Merry Firestone.

A little miss of seven years exhibited a beautiful cake which was put up at auction. Frank McGill, of Oak Grange, was the winner.

Another little lady displayed a dainty apron of lawn and lace, of fine needlework, which gained the blue ribbon.

A very spirited and amusing contest by boys under sixteen, was hitching a team of horses to a wagon, driving around a specified circle and unhitching. Time and perfection were the points to be considered in award of premiums, which were as follows:

First to Lee Firestone, time, 4 minutes; second to Roy Croyle, time, 2½ minutes. Lost in point of perfection.

Girls were debarred from contesting for premiums; but being independent young ladies they would not be debarred from an exhibition of skill in the same line.

A pretty, girlish matron, Mrs. Ruth Carlat, ranked first, time, 3 minutes; Miss Doris Firestone ranked second, time, 3½ minutes; Miss Effie Firestone ranked third, time, 4½ minutes.

We register three rousing cheers for the girls. The boys must look well to their laurels.

The display of apples was fine.

Comparisons with those displayed at our State Fair would be favorable in results.

Prairie Grange may justly feel encouraged to repeat this attempt. It will prove most certainly to the boys and girls an important educational process.

Beside this, there is the tie of mutual endeavor, which, participated in by all members of the Grange, is mutually uplifting.

With many thanks to our friends who had so royally entertained us and mutual expressions of fraternal good will, we started on our way homeward.

Through the courtesy of C. L. Carlat, secretary of Prairie Grange, we learned that they have a good membership. Their meetings are held at Independent School-house; consequently, they occur at night.

Non-attendance seems to be the only drawback for a successful Grange. This complaint comes from many of the granges this year, so far as heard from. Being asked to suggest some remedy, we freely declared for day Grange, at least, once each month. A rehearsal of the obligations taken at initiation may help one to see his duty in the matter.

Brothers and sisters, you cannot afford to miss Grange meetings. Doing thus, you are the losers, and you are liable to fall back into the old rut, if indeed you were ever out of it. Each one's responsibility is the same. Do not try to lay this responsibility upon your officers, but shoulder your part of it worthily. You need the strength and courage which mutual, fraternal intercourse gives.

### The Cock and the Jewel.

A Cock, scratching for food for himself and his hens, found a precious stone; on which he said: "If thy owner had found thee, and not I, he would have taken thee up and have set thee in thy first estate; but I have found thee for no purpose. I would

## A Food to Work On

Work! Work!! Work!!!

Lots of energy is needed to keep up the pace. In the struggle, the man with the strong body and clear brain wins out every time.

The man of to-day needs something more than mere food; he needs a food that makes energy—a food to work on.

Although some people may not realize it, yet it is a fact, proved and established beyond doubt, that soda crackers—and this means **Uneeda Biscuit**—are richer in muscle and fat-making elements and have a much higher per cent. of tissue-building properties than any other article of food made from flour.

That this is becoming known more and more every day is attested by the sale of nearly 400,000,000 packages of **Uneeda Biscuit**, the finest soda cracker ever baked. An energy-giving food of surpassing value—sold in a package which brings it to you with all the original flavor and nutriment perfectly preserved. *Truly the food to work on.*

Whoever you are—whatever you are—wherever you work—**Uneeda Biscuit**.

NATIONAL BISCUIT COMPANY

5¢

rather have one barleycorn than all the jewels in the world."—Esop's Fables.

### An Oklahoma Yarn.

A citizen of Oklahoma who was recently visiting one of our larger cities, tells this: A boy in the Cherokee nation climbed a stalk of corn to see how fast it was growing, and the stalk grew up faster than the boy could climb down. The boy soon was out of sight and men tried to rescue him with axes, but the corn grew so fast that they couldn't hack twice in the same place. The boy lived on raw corn and when I left had thrown down four bushels of cobs." Well, this

### Characteristic.

Many were the stories told of King Alfonso's childhood; one shows so much the characteristic determination of his later years that is worth repeating. While still a child in the nursery, his governess rebuked him for putting his knife in his mouth. "Gentlemen never eat like that," she said.

"But I am a king," remarked the child.

"Kings still less put their knives in their mouths," said the governess.

"This king does!" was the reply.—Detroit News-Tribune.

## A Real Rubber Boot—every inch of it

This boot is especially made for hard wear. Only the best new rubber and duck are used. We recommend the

### Security LYCOMING DUCK BOOT

to Farmers, Stockmen, Fruit-growers and every man who needs a good boot. Like everything else, it will wear out, but it is built to give the greatest amount of satisfaction possible. Boots made of old rubber cannot stand the wear—there's a dollar's worth of pure rubber and good duck for every dollar spent in the "Security." All "Lycoming" Rubber Boots and Shoes are of the highest quality only.

Go to your dealer and try on a pair. Note carefully how well made they are. If your dealer does not have them in stock he can easily get them for you.

HAMILTON BROWN  
LARGEST IN  
THE WORLD  
SHOE CO.

HAMILTON BROWN SHOE CO.  
St. Louis.

Audited  
Sales 1904  
\$9,018,587.45

WHEN WRITING ADVERTISERS, PLEASE MENTION THIS PAPER.



THE TAKE DOWN  
FEATURE OF A

**STEVENS**

appeals to its owner every time he has to clean it, pack it in small space, or for any reason wants to take it apart.

Merely turning a thumb-screw, which goes through the frame, frees the barrel from the stock.

Our 140-page  
Catalogue FREE

tells all about the famous Stevens shotguns, rifles and pistols; the care of firearms, notes on ammunition, sights, targets, cleaning rods, reloading implements, and much more valuable information. Send four cents in stamps and we will mail it free.

Stevens firearms sent, express paid, if dealers won't supply.

J. STEVENS ARMS AND TOOL CO.  
125 High Street,  
Chicopee Falls, Mass., U. S. A.

**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."

**Growth on Colt.**—I have a yearling stud colt that had a lump form in the scrotum between the testicles when about 3 months old; this has grown until it is 3 inches in diameter and 6 or 7 inches long; the end is soft; it does not seem to hurt him, but is getting larger. What can be done for him?  
G. W. B.

Augusta, Kans.

**Answer.**—I would advise having a veterinary surgeon operate on the colt, as the growth probably ought to be removed.  
C. L. BARNES.

**Nail Puncture.**—My 12-year-old iron-gray mare stepped on a nail two months ago. We put turpentine in the wound, and about a week after it began to swell above the hoof; it then broke and left a running sore. We

Nothing knocks out and  
disables like

**Lumbago and Sciatica**

Nothing reaches the trouble  
as quickly as



**St. Jacobs Oil**

Known the world over as

**The Master Cure  
for Pains and Aches**

Price, 25c. and 50c.

wash it with carbolic acid water. She is a little lame. Please advise me what to do.  
W. L.

Chapman, Kans.

**Answer.**—Use peroxide of hydrogen, full strength, in the opening in your horse's foot. Continue using this until the discharge has ceased.

**Swelling on Heifer's Jaw.**—My 3-year-old heifer has a swelling the size of a teacup on the under side of the jaw. I first noticed it yesterday morning, when it was about the size of an egg. She has been fresh about a month and is in good condition. I am feeding alfalfa hay, corn-fodder and corn.  
S. M. R.

Clyde, Kans.

**Answer.**—Use a stimulating liniment on the swelling, such as the following: Two ounces of oil of turpentine, 2 ounces tincture of cantharides, 2 ounces of tincture of capsicum, and a pint of compound soap liniment.

**Cow With Sore Teats.**—My 7-year-old half-Jersey cow has had sore teats for two weeks. She is milking and will be fresh in January. Teats have not been cut or bruised in any way—may have been poisoned with ivy; only one is very bad. I have been using a straw but have sent for a milking-tube. I have been using a mixture of turpentine, lard and carbolic acid on them. We are milking 14 cows and none of them are affected in this way, or I would lay it to eating too many cow-peas.

I have sent for a cattle trocar; will you please tell me how and where to use it to relieve founder or hooven. I had two calves that got too many cow-pea vines, and am afraid it will happen again.  
E. Y. FREEMAN.

Guthrie, O. T.

**Answer.**—I would advise using camphorated vaseline on the teats; an ounce of gum camphor melted with 6 ounces of vaseline, makes a good preparation.

The cow trocar should be used at the most elevated point, when the animal has been bloated. It is generally at the center of the angle formed by the external bone known as the hip, the last rib and about the same distance down from the hip. The trocar should always be put into the cannula before the cannula is withdrawn.

I have a fine 8-year-old Jersey cow, that dropped a calf last February, and since that time have been unable to breed her; have tried two different bulls. Is there any medicine that I could give?  
V. L. ODLE.

Wakarusa, Kans.

**Answer.**—You may have to have your cow "opened up" before you will be successful in getting her bred. This will have to be done by some one who understands the work.

**Lame Mare.**—My mare got lame in right front ankle; I thought she had sprained it; she was lame so long that it sweetened her shoulder. That got better after treatment, but she is constantly getting worse. It seems to be the shoulder a part of the time and a part of the time, the ankle. It has been in this condition for two months.  
L. G.

New Murdock, Kans.

**Answer.**—I would advise using a fly blister on the ankle and down to the hoof; be sure and keep the horse's head tied while the blister is acting so that there will be no danger of her blistering her mouth. Allow the blister to act for from 24 to 36 hours, then wash off and grease.

**Blood Warts.**—I have two young mules with blood warts. Please give remedy.  
G. M.

Haven, Kans.

**Answer.**—Rub them with castor oil; rub thoroughly daily, and soften them up, then use a caustic, like potassium hydroxide in stick form and burn the wart deeply.

**Sick Calf.**—My 6-months-old calf was taken sick October 19. It was first lame in right fore leg; the next day the lower jaw was swollen and the tongue stuck out of the mouth about 3 inches; it could not eat or drink; I could not get hold of the calf until the 23d, when I found that the tongue was decayed so I cut it off; the lower jaw seems to be gathered and he is running some



Keen Kutter Tools stand every test of a good tool. You can take a Keen Kutter Hand Saw, bend the end of the blade around until it touches the handle and it will spring back straight and true. Every other kind of a Keen Kutter Tool is as good a tool of its class as the Keen Kutter Hand Saw. The Keen Kutter brand covers a complete line of tools, and every

**KEEN KUTTER**

Tool is made of the finest steel and made in the best possible manner by expert workmen. This quality tells in actual use—it means freedom from constant sharpening—it means long and satisfactory service. Even in the beginning Keen Kutter Tools cost little more than inferior qualities—in the end they are by far the cheapest tools you can buy. Keen Kutter Tools have been Standard of America for 36 years and were awarded the Grand Prize at the St. Louis Exposition.



Send for  
Tool Booklet.

Following are a few kinds of Keen Kutter Tools, which your dealer should have—if he hasn't them, write us and learn where to get them. Axes, Adzes, Hammers, Hatchets, Chisels, Screw Drivers, Auger Bits, Files, Planes, Draw Knives, Saws, Tool Cabinets, Scythes, Hay Knives, Grass Hooks, Brush Hooks, Corn Knives, Eye Hoes, Trowels, Pruning Shears, Tinners' Snips, Scissors, Shears, Hair Clippers, Horse Shears, Razors, etc., and Knives of all kinds. Every Keen Kutter Tool is sold under this Mark and Motto: "The Recollection of Quality Remains Long After the Price is Forgotten."

Trade Mark Registered.  
SIMMONS HARDWARE CO., St. Louis, U. S. A., 298 Broadway, New York.

at the nose and mouth; there is a bad odor. I have the calf by itself; would like to know if the disease is contagious and the cure. I lost one about a week before the same way, except that it lived but two or three days.  
D. W. H.

Howard, Kans.

**Answer.**—The trouble you mention in the calf is caused by a fungous. It is not a contagious disease, but can be easily treated by feeding the animal on gruels until the mouth can heal up, after using disinfectants.

**Enlargement From Wire Cut.**—We have a mare that was cut on right hind leg, inside of fore leg below the knee; this wound in healing is leaving an enlarged place which is soft. Probably the bone was scratched by the wire, thereby causing a slight growth of the bone. I have tried different liniments, but to no purpose. What is a good remedy for a cut like this, something that will remove the enlargement?  
M. M. S.

Bucklin, Kans.

**Answer.**—Probably the best way to remove the enlargement is to burn with a hot iron, if it is raw; if it is healed over, use a fly blister at intervals of three or four weeks until you have given three or four applications.

**Mule With Enlarged Hock Joints.**—My 6-months-old mule has enlargements on the points of hocks of both legs, so large that he strikes them when walking; they are about the size of a walnut. His legs were perfect until he was about 2 months old. The lumps are hard. This mule is one of twins; the other is all right.  
M. H. S.

Densmore, Kans.

**Answer.**—If the enlargements on the mule's hock are just underneath the skin I would advise cutting them off, and then heal like any open wound. If I have not understood the condition kindly write me again and I will give you further information.  
C. L. BARNES.

**No Wonder He stuttered.**

The man stammered painfully as he stood in the dock at the police court. His name was Sissons. It was very difficult for him to pronounce his own name. He had the misfortune to stay out late and make an uproar one night, and to have to account for it before the magistrate the next morning.

"What is your name," asked the magistrate.

Sissons began to reply:

"Sss-sss-sss-sss—"

"Stop that noise and tell me your name," said the magistrate, impatiently.

"Sss-sss-sss-sss—"

"That will do," said the magistrate, severely. "Policeman, what is this man charged with?"

"I think, yer honor, he's charged with soda water."

**Neuralgia  
And Other  
Pain.**

All pain in any disease is nerve pain, the result of a turbulent condition of the nerves.

The stabbing, lacerating, darting, burning, agonizing pain that comes from the prominent nerve branches, or sensory nerves, is neuralgia, and is the "big brother" of all the other pains.

Dr. Miles' Anti-Pain Pills rarely ever fail to relieve these pains by soothing these larger nerves, and restoring their tranquility.

Dr. Miles' Anti-Pain Pills leave no bad after-effects, and are a reliable remedy for every kind of pain, such as headache, backache, stomachache, sciatica, rheumatism and neuralgia.

They also relieve Dizziness, Sleeplessness, Nervousness, Car-Sickness, and Distress after eating.

"For many years I have been a constant sufferer from neuralgia and headache, and have never been able to obtain any relief from various headache powders and capsules, until I tried Dr. Miles' Anti-Pain Pills. They always cure my headache in five minutes time." FRED R. SWINGLEY, Cashier 1st Nat. Bank, Atkinson, Neb.

Dr. Miles' Anti-Pain Pills are sold by your druggist, who will guarantee that the first package will benefit. If it fails he will return your money. 25 doses, 25 cents. Never sold in bulk. Miles Medical Co., Elkhart, Ind.



## In the Dairy

### The Milking Quality.

The fixedness of the amount of fat in a cow's milk makes it necessary to watch the breeding, for by a change of blood we can lower or raise it in one generation very markedly. The slight increase in butter-fat, the second year that a cow is in milking, often deceives people into thinking that this is not true, but this rise is due to the superior care and feeding a cow receives in enabling her to reach her limit, for the concentrated food gives her all she can assimilate of milk-producing food. In the Holstein the change of form is often marked, the heifers sometimes are so coarse and beefy that one is a little ashamed of them, but when they have had their second calves they come to the milk form rapidly and make good cows. Several that were of this type are now in the Advanced Registry with creditable official records.

The milking of cows is of as much importance as the feeding. Where one has a large herd, a prize of a dollar a week to the milkers whose cows do the best, when the milk is on the increase, or whose cows fall off the least, when the milk is decreasing, gives good results. One of our neighbors thought he would try this plan. He also ran a hotel in town, which the home farm supplied with milk. At length, the cook remonstrated with him, as the milk was growing thinner every day. There was no foreman over the milkers, and they found the pump very handy to increase the milk-yield.

There is a serious loss in allowing the cows to go dry too soon, and to remain dry for several months. Six weeks is long enough for a cow to be out of milking, and heifers must be milked up to this time if they only



Fig. 1.—Correct Milking.

give a quart a day, or else each time they freshen they will go dry at the same period. We never believe in forceful drying off of cows, by giving them alum internally, or by starving them, or by rubbing camphor on the udder; any of these ways of stopping the secretion of milk should be looked on with suspicion. Nature knows best and it is safer to follow her indications. We feed the cows right along; if they go dry before calving, we allow them to do so, but without any drop below a gallon of milk at a milking, they are milked

regularly without any attempt to dry them off. The idea that milking the cow stunts the calf does not hold good if the cow is fed. Of course, if the cow is starved she will drop a feeble calf. This is not theory, but learned by hard experience and the spoiling of a few cows. Some extra good cows that we sold fell into the hands of a theorist and he forcibly dried off some of them, so that they have not recovered their full milk flow. One cow that at full flow of milk gave 75 lbs. has only a record of 50. She has made three pounds of butter a day; now her highest record is only a little over two pounds. Forceful drying off will ruin many Durhams, Ayrshire and Holstein cows, or any cows that are giving a large volume of milk.

The older dairymen were wise in insisting on stripping the cows. We have had to come to it, as a practical necessity; for it is easier to have one good head milker who by stripping the cows can keep the other men milking clean, for where the stripper comes along any slackness is at once discovered.

The time spent in stripping is fully paid for by the extra fat obtained. As the cows are usually left by the ordinary milker, each cow will strip from three-quarters to a pound of



Fig. 2.—Stripping.

milk. This milk averages 7.5 per cent of fat, so that on a string of thirty cows, there is 15 to 30 pounds of 7.5 per cent milk; this equals a daily loss of 2 to 2½ pounds of butter-fat, worth say twenty cents a pound, or 40 to 45 cents.

The Hegelund method of increasing the milk flow has been tried by the Cornell and Wisconsin Stations, and bulletins issued telling the results and making comparisons with the ordinary forms of strippings. The Hegelund method is a series of manipulations, or a massage of the udder that can best be studied from the illustrations. These manipulations follow the regular milking. They are described as follows:

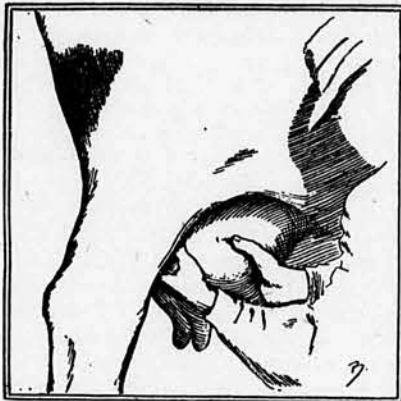


Fig. 3.—First Manipulation, Right Quarters.

First Manipulation.—The right quarters of the udder are pressed against



Fig. 4.—First Manipulation, Left Quarters.

## One Half The Work With Doubled Profits

This is what the use of a **DE LAVAL CREAM SEPARATOR** means to any one milking three or more cows. It does away with the handling of ice and water, the washing of crocks and pans, produces twice the amount of cream and butter that can be secured by any other process, and leaves the skim-milk sweet and warm for the calves. By reason of these great savings a **DE LAVAL** machine will pay for itself in a few months, and will continue to earn its cost every few months during its lifetime, which has proven to be from fifteen to twenty-five years.

The season of high butter prices will soon be here. NOW is the time to secure a **DE LAVAL** machine and prepare to make the machine earhigh prices. By doing so the machine will save enough butter-fat to half pay for itself before the winter is over. Without a **DE LAVAL** this butter-fat will be wasted, which means the loss of just so many dollars.

The local agent, whether you wish to buy a **DE LAVAL** or not will be pleased to call on you and explain the benefits of the **DE LAVAL** and our easy paying plan, by which you may make the most of these in its own cost. Catalogue and particulars sent free on request. Write to-day.

### THE DE LAVAL SEPARATOR CO.

RANDOLPH & CANAL STS.,  
CHICAGO.  
1215 FILBERT STREET,  
PHILADELPHIA.  
9 & 11 DRUM ST.,  
SAN FRANCISCO.

General Offices:

74 CORTLANDT STREET,  
NEW YORK.

121 YOUNG SQUARE,  
MONTREAL.  
75 & 77 YORK STREET,  
TORONTO.  
248 McDONNELL AVENUE,  
WINNIPEG.

each other (if the udder is very large, only one quarter at a time is taken) with the left hand on the hind quarter and the right hand in front on the fore quarter, the thumbs being placed on the outside of the udder and the four fingers in the division between the two halves of the udder. The hands are now pressed toward each other and at the same time lifted toward the body of the cow. This pressing and lifting is repeated three times, the milk collected in the milk cistern is then milked out, and the manipulation repeated until no more milk is obtained in this way, when the left quarters are treated in the same manner. (See Figs. 3 and 4.)



Fig. 5.—Second Manipulation Right Fore Quarter.

Second Manipulation.—The glands are pressed together from the side. The fore quarters are milked each by itself by placing one hand, with fingers spread, on the outside of the quarter and the other hand in the division between the right and left fore quarters; the hands are pressed against each other and the teat then milked. When no more milk is obtained by this manipulation, the hind quarters are milked by placing a hand on the outside of each quarter, likewise with fingers spread and turned upward, but with the thumb just in front of the hind quarter. The hands are lifted and grasp into the gland from behind and from the side, after which they are lowered to draw the



Fig. 6.—Second Manipulation, Hind Quarter.

milk. The manipulation is repeated until no more milk is obtained. (See Figs. 5 and 6.)

Third Manipulation.—The fore teats with partly closed hands and lifted with a push toward the body of the cow, both at the same time, by which method the glands are pressed between the hands and the body; the

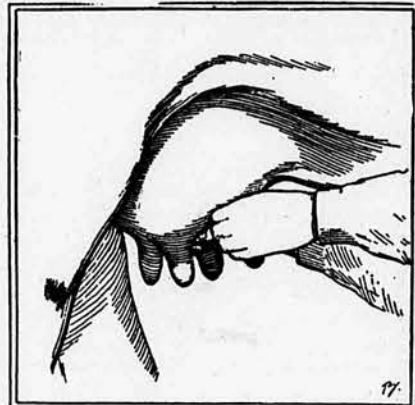


Fig. 7.—Third Manipulation.

milk is drawn after each three pushes. When the fore teats are emptied, the hind teats are milked in the same manner. (See Fig. 7.)

The average increase of milk was one pound a day per cow; the average of the fat of the entire milk was 4.29 and this last pound of milk obtained had 10.32 per cent of butter-fat. The time required to obtain this last milk

## Sharples TUBULAR CREAM SEPARATORS

Will you buy a bad separator because the agent is a "good fellow?" Some people do. They should read this.

### If You Have a Brand New Separator

not a Tubular, put it in the garret. We guarantee Tubulars to make enough more butter than any other separator, and from the same milk, to pay 25 per cent yearly interest on their cost. You test them free side by side. Your decision is final. Carnegie is using investments paying 6 per cent; here is a guaranteed 25 per cent to you. The waist low supply can—simple bowl—enclosed, self-oiling gears—are found only on Tubulars. Catalog T-165 explains it.

THE SHARPLES SEPARATOR CO.  
WEST CHESTER, PA.  
TORONTO, CAN. CHICAGO, ILL.

**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.  
**THE CLEVELAND CREAM SEPARATOR CO.,**  
34 Michigan St., Cleveland, Ohio.



## A Simple Davis From the Factory Direct to You at Lowest Factory Prices.



Height just right—3 feet 7 in.

We make the Simplest Cream Separators on Earth, with low down supply tank, simple enclosed gearing, and sell at the lowest factory prices, freight prepaid, safe delivery guaranteed, direct saving you all middlemen profits. We make every part and guarantee high quality and durability, and so skim hot, warm or cold milk equal to any on Earth and the easiest to clean, run and understand. Our terms are most liberal and we save you from 20 to 50 per cent. Send for Free catalog No. 125.

DAVIS CREAM SEPARATOR COMPANY,  
64 North Clinton Street, Chicago, Illinois, U. S. A.

was from two to three minutes or twenty cows an hour. So that twenty cows will yield an increase of two pounds of butter-fat, worth 40 cents. When it came to careful stripping, done with the whole hand and not with the thumb and finger, the results were nearly the same. Either way was well worth practicing, for it not only increases the immediate milk flow, but also makes the period longer, before the natural decrease in the milk flow.—Mrs. M. E. Sherman, in California Cultivator.

(Concluded next week.)

The Dairy and Animal Husbandry department of the Kansas State Agricultural College has compiled a list of creameries, cheese factories, and receiving stations in Kansas, and it is now ready for free distribution. Any one desiring a list will please write Prof. O. Erf, of the Kansas State Agricultural College, Manhattan, Kans.

### Population of Kansas.

F. D. COBURN, SECRETARY KANSAS STATE BOARD OF AGRICULTURE.

The compilation by the State Board of Agriculture of the Fifth Decennial Census of Kansas, taken this year, has progressed to a point where the population of the State is known, the total number of inhabitants, as enrolled by assessors in March, 1905, being 1,543,818. This is the largest number in the State's history, a net gain in the past year of 8,658, and an increase over the preceding decennial census in 1895 of 209,084, or 15.6 per cent. With a single exception the official figures for the past decade have yearly proclaimed a healthy growth in population.

The five State decennial censuses for Kansas show the growth in population as follows:

First, in 1865.....	140,179
Second in 1875.....	528,349
Third, in 1885.....	1,268,530
Fourth, in 1895.....	1,334,734
Fifth, in 1905.....	1,543,818

The enumeration in 1903 showed for that year an increase of 23,219, and in 1904 the gain was 47,313, making a total net gain of 79,190 in the past three years.

This year 58 counties show an increase of 34,706, Wyandotte leading with a gain of 9,702, or 11.75 per cent, followed, although remotely, by Crawford with a gain of 2,987, Cherokee 2,499, and Montgomery 2,465. While the smallest in area, Wyandotte continues in point of population the premier county by a wide margin, having 92,234 inhabitants, or 65 per cent more than the county ranking next highest. Eighty-five per cent of its population is in the cities. Shawnee County is second, Sedgwick third, Montgomery fourth, Crawford fifth, each retaining the same relative rank as in 1904. Cherokee this year is sixth, displacing Leavenworth, which now ranks seventh.

Forty-seven of the 105 counties report having lost 26,048. The incredible and certainly preposterous decrease of population within a twelve-month certified by a half-dozen or more unquestionably prosperous and growing counties, ranging from 1,048 in one to 4,313 in another, indicates to every one but themselves an unpardonable slovenliness by some of the officials responsible for showings so unwarranted.

The charitable suggestion has been made that their zeal may have become so exhausted in seeking the offices they occupy but can not fill, that little was left for the duties they solemnly swore to perform, or for maintaining the credit of the communities they so wantonly discredit and humiliate.

Thirty-five per cent of Kansas' population is in the cities and towns with 1,000 inhabitants or more, of which she has 119—the same number eligible in such a list last year. Lyndon and La Cygne have dropped out, but Oberlin and Scranton, with gains of 146 and 144 respectively, have entered the list. Sixty-one municipalities have gained 25,167 people, Kansas City reporting an increase of 9,903. This is by far the largest gain made by any city; in fact, is more than the aggregate gains in the 13 cities returning the next consecutive largest increases. Fifty-eight others lost 16,846 inhabitants. There are 12 cities each having 11,000 or more population, aggregating 262,219, or 17 per cent of the State's total.

The relative rank of the six cities leading in population remains the same as one year ago, while Fort Scott and Coffeyville, last year 7th and 8th respectively, have their positions reversed. Parsons, 13th last year, is now 9th; Lawrence has dropped one place, to 10th, and Hutchinson, Chanute, Emporia, Winfield, Arkansas City, Cherryvale, Wellington, Rosedale, Horton, Osawatomie and Holton, retain the same rank as one year ago, although all but three record increases. Independence is now 12th instead of 10th and Iola 13th instead of 12th, the latter, with Chanute, dropping out of the 10,000 class. Salina and Ottawa exchange positions, the former now leading, being 17th. Newton advances from 21st to 20th place, Galena from 23d to 21st, Concordia from 27th to 25th, Abilene from 32d to 31st and Paola from 38th to 32d. Argentine drops from 20th to 22d, Junction City from 22d to 23d and Manhattan from 25th to 27th. Some

## THE SUREST WAY TO MAKE MONEY

in the Dairy business is to follow right methods in handling your herd and marketing your product. Through study, you can learn how to feed properly and otherwise take care of your herd. But all you need to do to learn about the most profitable market is to read this advertisement.

### SHIP US YOUR CREAM

You will get CASH for every shipment.

You will always get the HIGHEST PRICE.

You will always receive ABSOLUTELY FAIR TREATMENT.

We proved to the Dairymen that we had confidence in them by cooperating with them and giving them the benefit of the best markets. They have in turn proven their confidence in us by giving us their patronage in a measure that has proven beyond a doubt that our system is the best.

The army of Dairymen who have conquered the foe of "unprofitable methods" now numbers over ten thousand. In other words, our list of patrons has reached that figure.

Write for further information, or better still, commence shipping at once to

## BLUE VALLEY CREAMERY CO.,

ST. JOSEPH, MISSOURI.

Leaders in Profitable Methods.

of the other changes are: Caney is now 46th instead of 62d, Herington 41st instead of 51st, Sedan 57th instead of 83d. Baxter Springs goes up from 38th to 76th, Pleasanton from 109th to 83d, Erie from 95th to 84th, Harper from 92d to 86th, Hoisington from 102d to 87th, Osborne from 106th to 90th, and Smith Center from 103d to 96th. Hays descends from 50th to 79th place, Augusta from 94th to 103, Valley Falls from 91st to 114th, Strong City from 97th to 118th, Garden City

from 86th to 100th, and Oskaloosa from 90th to 119th.

"My money is not tainted," said the hoodler. "Indeed?" asked the investigating committee, doubtfully. "Indeed, it is not. I came by it honestly in the first place." "We know you came by it honestly in the first place," responds the chairman, "but did you not go back and get it dishonestly after learning where it was?"—Judge.

## Let Me Send You McCLURE'S MAGAZINE

### ALL WINTER as a FREE TEST

IT'S this way:  
I want you to know McCLURE'S MAGAZINE.  
I want you to read it for three months—I want your family to read it.

You needn't agree to take it regularly—  
You need not pay a penny in advance, or any deposit.  
I simply want you to test the merits of the magazine—and then decide whether or not you can get along without it.

**MY OFFER**—To get the magazine this way is very simple. Just sign and mail to me the coupon printed below. I will immediately start sending you the magazine. Read it—have your family enjoy it—and if, at the end of three months, you like McCLURE'S MAGAZINE, send me only one dollar, the regular yearly subscription price, and get the magazine for the full year.

You pay nothing unless the magazine pleases you—and you are to be the judge of that.

If, at the end of three months, you desire to have the magazine stopped, say so—and that is all there is to it. You will be under no obligation of any kind.

I don't like to call McClure's a magazine at all. It is a big 300-page book—of an entirely different kind from the mail order magazines, newspapers and farm publications. It contains wonderfully interesting stories by the world's leading writers, and these are illustrated with pictures—many of them in colors—by famous artists.

Every month McClure's Magazine brings you reliable news of big events both at home and abroad—all in story form. It is the biggest reading bargain ever offered.

McClure's Magazine is a liberal education in itself for boys and girls, because it gives them, in perfect English, the best history, and the biography of famous men—the latest discoveries in science. For older readers there are special articles dealing in a simple, direct way, with such live topics as Life Insurance Management, Regulation of Railroad Rates, Rebates, etc. These questions touch your daily interests. You can't afford not to read them.

## TAKE IT



Bring McClure's Magazine into your home and create a taste in the minds of your boys and girls for the best in literature, art and good citizenship.

Here are a few of the writers who have contributed to McClure's Magazine in the past:  
Ex-President Cleveland, Gladstone, Mark Twain, Rudyard Kipling, General Miles, Walt Whitman, Bret Harte, Robt. Louis Stevenson. Among those who will write this next year are:  
William Allen White, Lincoln Steffens, Jack London, Myra Kelly, Booth Tarkington and others equally famous and entertaining.

### The Rural New-Yorker Says:

"We have the very highest regard for McClure's Magazine, believing it to be among the very best, if not indeed, the best of the dollar class. It has always been a surprise to us that we did not more frequently see the magazine in country homes; because the subjects treated have been of vital interest to farming communities."

Three months' free trial—no charge if you do not like it—fair, isn't it?

**Try McClure's—Send in the Coupon.**

S. S. McClure, Editor,

McClure's Magazine, New York City

EDITOR McCLURE'S MAGAZINE,  
New York, N. Y.

**COUPON 56**

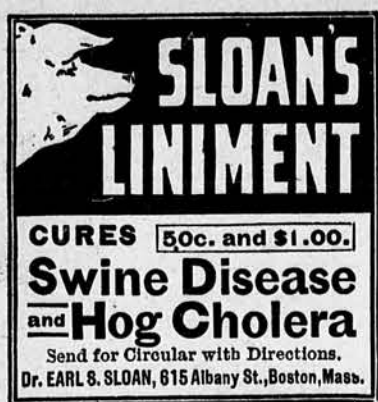
I accept your offer to test your magazine. Enter my subscription for one full year. After receiving three months' sample copies I will do one of two things—either send you \$1.00 for the full year's subscription, or write you to stop the magazine, when you are to cancel this subscription and the sample copies are to be free to me as a test.

Name \_\_\_\_\_

P. O. Address \_\_\_\_\_

State \_\_\_\_\_





**SLOAN'S  
LINIMENT**

**CURES 50c. and \$1.00.**

**Swine Disease  
and Hog Cholera**

Send for Circular with Directions.  
Dr. EARL S. SLOAN, 615 Albany St., Boston, Mass.

#### Gossip About Stock.

Jas. Mains, Oskaloosa, Kans., has a new card of his up-to-date and fancy Poland-China hogs. He now offers for sale 40 No. 1 Empire Chief spring boars and the same number of sows, gilts to be sold open or bred to Roller Trust, priced to figures that would move them at once.

Newton Bros., Whiting, Kans., breeders of Duroc-Jersey swine, report that they have something extra nice in the way of young males at reduced prices and shall be glad to hear from any of our readers who may be in need of well-bred Duroc-Jerseys. Consult the cards of Duroc-Jersey advertisers.

We call special attention to the new advertisement of the Eureka Manor breeding established for Duroc-Jersey hogs owned by J. F. Ensor, Olathe, Kans. He is confident that he has as fine a lot of boars and gilts as any one could desire. His boar is sired by the champion of the Topeka State Fair last year, and sows by Chief Perfection he by Van's Perfection. The pigs from this combination are exceedingly attractive.

G. M. Hebbard, Peck, Kans., has enjoyed an unusually good trade in Poland-Chinas, resulting from his advertisement in the Kansas Farmer. Mr. Hebbard, as per announcement in his advertisement, will sell 6 choice gilts by U. S. Model, bred to his sunshine boar, D's Ideal Sunshine, in the Wheat Belt Breeders' combination sale at Arkansas City, November 16. Mr. Hebbard has one of the very good Poland-China herds of Southern Kansas.

Those of our readers interested in high-class dairy stock, or registered Holstein-Friesian cattle will be interested in the announcement of H. N. Holdeman, Girard, Kans., who will hold his second annual sale at the State Fair Grounds at Topeka on Wednesday, November 23, 1905. The offering is a particularly attractive one from a breeder's standpoint and it should be a notable dairy event. For further particulars, catalogue, write to Mr. Holdeman at Girard, Kans.

John D. Marshall, of Walton, Kans., breeder of Shropshire sheep and Poland-China hogs, has an especially good lot of Poland-Chinas of both sexes to offer purchasers and is making moderate prices on same. J. D. Marshall has for a number of years been breeding a growthy, mellow-fleshed, quick-maturing type of hogs that are very popular and has usually exhibited at the Kansas and Missouri State and district fairs and always was very successful in landing a goodly share of the prizes. This year's crop is of the same quality and parties interested should write to Mr. Marshall, mentioning the Kansas Farmer.

W. R. Peacock, Sedgwick, and Dr. Axtell, of Newton, Kans., are making every effort possible for a successful sale to be held in the new sale pavillion at Newton, Nov. 24. They selected this offering from their herds which are both of standard merit and especially good breeding. It will be remembered that Mr. Peacock exhibited at some of the larger fairs in 1904 and was unusually successful in landing the prizes and a number of his part of the consignment to this sale will be the direct product of these prize-winners of 1904. He will be pleased to furnish catalogue upon application. Write him at Sedgwick, Kans., mentioning the Kansas Farmer.

Zeigra Bros., McCune, Kans., who are known as being among the oldest breeders and the best buyers of Poland-Chinas in Kansas, have decided to close out their entire herd, and now announce a dispersion sale to be held in the near future. The exact date will be announced both in their advertisement and in this column in the Kansas Farmer of next week. The Zeigra Bros. have bought only the best hog money could buy and it is doubtful if there is a herd in the State that has better blood in it than may be found in theirs. Breeders everywhere will watch for this date, with interest because they know that it will afford them one of the best opportunities to buy the best.

J. W. Keck, owner of the Maple Grove herd of Poland-China swine, Auburn, Kans., has been a breeder of

good hogs for a number of years and now has a choicely bred bunch of good spring boars and gilts for sale. These are mostly sired by Corrector 3d 30129, and are out of Hadley I Know, Black U. S. and M's. Black Chief Sows. No better breeding could be offered and these hogs are growthy and in fine condition. Although Mr. Keck is a new advertiser, no breeder need hesitate to give him an order, as his hogs are of the kind that is most wanted by farmers and breeders who need the big, growthy, quick-maturing kind that have large litters. Mention the Kansas Farmer and write Mr. Keck. His prices will please you.

As showing something of the growth of the dairy interest in Kansas, the recent sale of grade dairy cows by G. G. Burton, of Oakland, Kans., may be cited. Mr. Burton has long been a most successful dairyman and breeder of Duroc-Jersey swine and, at his sale held last week, he succeeded in breaking the record on prices for grade dairy cows. There were twenty-eight dairy cows in this sale all of which were offered in fine condition. The lowest price brought by any of them was \$33, and the highest price received was \$78. A young grade Holstein bull brought \$40, and was considered very cheap. The Duroc-Jersey swine did not meet with so ready a market as that breed does not seem to be so popular in the vicinity of Oakland. The sale of dairy cows was a remarkable one and Mr. Burton deserves congratulations.

J. H. Cooper & Son, Winfield, Kans., are announcing their second annual Poland-China sale for November 28, at their farm 1 mile north of Winfield, Kans. They have a crop of pigs, which they are placing in this sale, of more than usual merit, consisting of December and spring and summer farrow by their prize-winning boar, Arsenal. Arsenal is one of the best sons of Proud Perfection in service in any of the pure-bred Poland-China herds. He has been a prize-winner himself and has sired a number of prize-winners of the first water. Was accredited by conservative judges as the sire of the best sow and boar shown at any of the Kansas fairs in 1903. Mr. Cooper is also selling some Broad Guage Chief, Simply O. K., and Star Guage sows with litters at side by Arsenal that would be an attraction at any sale. Write for catalogue mentioning Kansas Farmer.

If you are interested in high-class and fancy-bred Poland-Chinas, you should send at once for a catalogue of the forthcoming sale of Dietrich & Spaulding, Richmond, Kans., advertised in this week's issue of the Kansas Farmer. The offering comprises a number of prize-winners at the leading Kansas fairs this year, and a number that are the get of State champions of previous years. The sale will be held at Ottawa, Kans., November 25, and will comprise 60 especially attractive individuals that should interest the attention of breeders. It has been a noticeable feature that the get of U. C. Perfection have been exceptional sellers whenever they have been offered for sale. The young boars by him are from dams of such individual merit and breeding that they should go on and produce animals of equal merit to those of their sire. In the female contingent that are bred to Grand Perfection are many by the most noted boars of the country. Write at once for catalogue and mention the Kansas Farmer.

Mr. S. J. Miller, of Kirksville, Mo., is a breeder and importer of Percherons, French Coachers and Jacks who has an announcement to make in our advertising columns this week. Our correspondent who recently visited Mr. Miller, states that his last importation of Percherons is really very fine and every horse is perfectly sound. The official veterinarian of Havre, France, passed on this lot before they were loaded on the ship and pronounced them the best bunch of horses that he had seen shipped out of France this year. Mr. Miller made his own selection of horses in France and our representative says he never saw better feet and legs than they have. They are all blacks or dark grays and every horse is guaranteed by Mr. Miller, who is thoroughly responsible. His barn is right in the city and he enjoys showing horses to visitors. He does not sell to horse companies but sells for cash and is able to save from \$500 to \$2,000 on each horse to the purchaser and still make a fair profit himself. He also has a nice bunch of Jacks and some French Coach horses for sale. While in London he bought an English bulldog and now has eight fine pups that he will sell for one-half price.

#### Iams' Horses.

Mr. Farmer: not in 40 years have big "drafters" and big, flash-going coachers brought such big prices and been so scarce as to-day. Mr. Stockman, make hay while the sun shines. Gather in these big gold dollars that are to be had for the picking. Buy a first-class Draft or Coach stallion and make \$1,000 in one year's service fees; it's better than a gold mine. Or if you have 5 or 10 farm mares, buy a draft stallion, breed your own mares and

## Public Sale of Short Horn 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.

## 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.

## DIETRICH & SPAULDING'S

### Annual Fall Sale of Herd Headers and Bred Sows

AT THE SALE PAVILION

OTTAWA, KANSAS, NOVEMBER 25, 1905

25 Choice Boars, including first prize boars, yearling class, under a year class and 1st and 2d under 6 months class at Ottawa Fair. Also the first prize under a year boar at Topeka State Fair. Others by Meddler, Black Sunshine (senior yearling at World's Fair), D's Ideal Sunshine, Black Chief Perfection and U. C. Perfection, out of dams by State Fair winners.

30 Sows and Gilts nearly all bred to 'Grand Perfection, winner over 2d prize World's Fair boar at Iowa State Fair and grand champion at Ottawa, Kans., and Topeka State Fair. A few bred to Black Chief Perfection, litter brother to Missouri's Black Perfection, who breeds as much quality and more size than his illustrious brother. Two of these hogs are by Chief Perfection 2d, 2 by F. R.'s Perfection, 1 by Missouri's Black Chief, 1 by Pre-dominator, 2 by Chief Ideal 2d. Others by U. C. Perfection. Still other good boars, some of this year's winners included. Send for catalogue.

## DIETRICH & SPAULDING

Auctioneers: Jas. W. Sparks, Marshall, Mo.; John D. Snyder, Winfield, Kas.

your neighbors' on the side and make money in two ways, in the stud and in the growth of your young horses; you will then have an income as these colts grow, rain or shine. There is always a market for big draft or coach geldings at \$200 to \$500. Dear John, that's good, common sense. That's easy money. These "auto devils" will never take the place of the horse. Better write to-day to the largest and most reliable importer of Percherons, Belgians, and Coachers in the United States, Frank Iams, St. Paul, Neb. Everybody says, "Iams has the largest and best stallions and so cheap, too. He sells big 1,700- to 2,600-pound 'black boys' at \$1,000 and \$1,500; much better than our 30 neighbors gave \$4,000 for to that 'gold brick stallion peddler.'" Iams

gives a 60 per cent breeding guarantee, pays freight of horse and fare of buyer. Iams' twenty-four years of successful business makes him the safest man to do business with. He positively owns and sells more first-class Draft and Coach stallions than any man in the United States. Iams sells every stallion at his home barns. That way he saves his buyers all middlemen's profits and commissions. Iams began in a small way, and to-day he has barn after barn "filled to the roof" with those famous "peaches and cream" stallions, 157 stallions 2 to 6 years old, 30 per cent blacks; 60 per cent of them weigh a ton and over. He buys stallions by train load and sells them in every State in the United States, Mexico, and Canada. Iams saves 20 per



cent on every stallion by being able to speak the languages and deal direct with the breeder. He knows Europe and the principal breeders there and knows how and where to buy first-class stallions at bargain. Iams is a thorough "hustling" business man, and if you will visit his great stallion emporium, he will positively suit you in a first-class stallion at 50 cents on the dollar. And if you can pay cash or give bankable note, he will sell you a stallion before you leave, as Iams has on his "selling clothes" daily, and no good men get away. But he sells gold dollars and black diamonds at half what others do, and Iams guarantees to have the stallions he advertises in advertisement or catalogue, or he offers \$100 for your trouble to see them, you the judge. He has "the goods" just as you read about. Iams success at Iowa and Nebraska State Fairs was one continued round of success. His 2-, 3-, and 4-year-old Percherons, Belgians, and Coachers won every first second, sweepstakes and grand sweepstakes prize over all at Nebraska State Fair and 90 per cent of same prizes at Iowa State Fair. Our illustration is one of these "top notchers," a real model drafter as true to life as Lou Burk can make it. Iams' Pepin-de-Lerreumes (21650), 5-year-old roan Belgian, first and sweepstakes winner at Iowa and Nebraska State Fairs, 1905. His magnificent form is superb. He stands on the best of feet and legs. His way of going is the "best ever." In fact he is a sensational stallion that makes all the "Cholly boys" roll off the Christmas tree. In fact, if you are in the market to buy a "ripper," see Iams, he has all his competitors on the run. You will be his best advertiser if you see him or get the greatest horse catalogue on earth.

#### Can You Answer These Questions?

How does the stomach of the horse compare with that of the steer in size? When is the best time to water a horse? How much grain and hay should a work horse be fed? How does the cost of raising a colt compare with that of raising a steer? What are the principal causes of sterility in stallions? Is it safe to work mares in foal? How soon can a mare be bred after foaling? What is the value of the droppings of a steer, measured by the price of commercial fertilizers? What does it cost to produce a pound of beef? What do you do for thumps in pigs? How much gain in weight should you make for every bushel of corn fed to steers or hogs? What percentage of corn passes through steers undigested? What weight cattle command the best prices on the market? How great a "spread" between the price paid for feeders and the selling price is necessary to show a profit? What is the period of gestation of the different farm animals? How long is a good boar capable of service? All these and a thousand and one other questions of vital interest to every man who owns live stock are answered in "The Standard Feeder," a book of 160 pages, handsomely illustrated with views of prize live stock and the homes of successful stockmen. It contains the practical experience of more than 100,000 farmers and feeders who make money from stock. The price of "The Standard Feeder" is 50 cents, but one copy will be sent to you free, if you mention this paper and tell how much stock you keep. Address Standard Stock Food Co., Howard Street, Omaha, Neb.

#### We Can Tan Your Hides.

Every farmer and stock-breeder likes to know something about hides and the way to get them properly tanned. The Des Moines (Ia.) Tanning Company, whose advertisement appears on page 16 of this issue, have just issued a neat little book called "Things to Know About Hides and Tanning." The illustrations are fine and the descriptive matter tells just what a man wants to know about hides. This firm have been very successful in their tanning business and have given such entire satisfaction to their customers that they have recommended all their neighbors to send their hides to the Des Moines Tanning Company if they want the work done right. This company have made a specialty of fur coats and have built up a big trade in this line of goods. They are in a position to make either a coat, rug or robe out of your hides and our readers can depend upon it that the job will be done right, as the company are thoroughly reliable in every respect. Write to them for prices, and their little booklet. Their work will please every one.



entire satisfaction to their customers that they have recommended all their neighbors to send their hides to the Des Moines Tanning Company if they want the work done right. This company have made a specialty of fur coats and have built up a big trade in this line of goods. They are in a position to make either a coat, rug or robe out of your hides and our readers can depend upon it that the job will be done right, as the company are thoroughly reliable in every respect. Write to them for prices, and their little booklet. Their work will please every one.

**The Right Road**  
from Kansas City to Chicago, St. Paul, Minneapolis, Dubuque and Des Moines is the Chicago Great Western Railway. Three well-equipped trains daily. Best of service. For further information apply to Geo. W. Lincoln, T. P. A., 7 W. 9th St., Kansas City, Mo.

#### Publication Notice.

The Chicago-Topeka Heat, Light and Power Company; The Northern Trust Company, and William Brace, trustee, will each of them take notice that they have been sued in the District Court, Shawnee County, State of Kansas, as defendants, by N. J. McBryer, as plaintiff, and that they must answer the plaintiff's petition filed in said case on or before the 30th day of December, 1905, or said petition will be taken as true, and judgment rendered against them and each of them declaring null and void two certain deeds of trust upon lots 310, 312, and 314 Kellam Avenue, Jenkin W. Morris addition to the city of Topeka, Shawnee County, Kansas, recorded in the office of the register of deeds in said county in books 232, page 2, and 231, page 159, respectively, as prayed for in said petition.

P. H. FORBES,  
Attorney for Plaintiff.

Attest:  
I. S. CURTIS, Clerk District Court.  
By Anna M. Tilson, Deputy Clerk.

#### Special Home-seekers' 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.

#### Publisher's Paragraphs.

The Hamilton Brown Shoe Company, the largest shoe house in the world, bids fair to become the largest rubber house as well.

They have made rapid strides along this line the past two years. The honest quality to be found in their Security Lycoming Duck Boot is maintained in all rubber boots and shoes bearing the Lycoming brand. The motto of this concern has always been "Keep the quality up," which is no doubt responsible for their wonderful success.

A few years ago the plan of selling goods direct to the user at wholesale prices, freight charges prepaid, was not thought of. One of the first large concerns to adopt this plan that we can now think of was the Colled Spring Fence Company, of Winchester, Ind. Ten years ago they started with a small capital, small factory and small business. Now they employ 52 people in their office, 150 people in the fence mill, and 200 people in their wire mill. They sell fence on 30 days' trial, freight charges prepaid. It can be returned if not satisfactory. They say they can save any one money on fence. It would be well for all fence-users to write for their free catalogue, which fully describes their line and manner of doing business.

#### Interesting Book on Asthma.

A very interesting book regarding asthma has recently been issued by the Dr. P. Harold Hayes' Asthmatic Institute of Buffalo, N. Y., which is a recognized authority on the constitutional treatment of asthma and hay fever. Over 60,000 cases of these two diseases alone have been treated by this institution.

It does not have any medicines to sell in drug stores or by mail; it takes charge of each case just as a regular family physician would and instructs the patient by mail as to the means of having the cause of the diseases eliminated from the system.

Ever since 1883 this Dr. Hayes Asthmatic Institute has been successful in curing asthma and hay fever so that neither symptoms or attacks would return after the treatment was discontinued.

By special arrangement any reader of the Kansas Farmer can write to Dr. P. Harold Hayes, Buffalo, N. Y., and ask for Book L, and it will be mailed postage prepaid, without charge. This is done as a courtesy to our readers, and also in order to let the public know the facts regarding the inability of smokes, sprays, "specifics" and so-called "cures," or any single medicine to permanently cure asthma and hay fever.

#### Money in Peeps.

Many successful enterprises have sprung from the most humble beginnings for "mighty oaks from little acorns grow," is a proverb that fits the poultry business better than any other industry. The raising of chickens can be started in a small way and the flock gradually increased till one has just as many birds as he can handle. To quickly and successfully accomplish this, the hen nowadays is used only for egg-production; an incubator hatches the "peeps." One of the most modern and at the same time most successful chicken-hatchers is the incubator known as the Wooden Hen. It is made by George H. Stahl, of Quincy, Ill., the well-known maker of incubators and brooders. The catalogue which this firm issues is one of the most instructive books on poultry-raising which has been issued in recent years. It is quite elaborate, containing many plates in natural colors, including views showing the development of the chick from the egg to the bird. They mail this book free to all inquirers.

If one is to keep his aim in sight he must not have too many aims.—Edward Everett Hale.

#### RAW FURS ONE MILLION WANTED

Am authorized to pay fancy prices to fill European orders. Write for my special quotations. Address, A. E. BURKHARDT Box 38, CINCINNATI, O.

## 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. 16622 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 8, Box 18, Lyons, Kans.

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

**FOR SALE**—20 Jersey and a few grade Holstein cows. These cows are young and from good families. Price, \$40. F. D. Wiggins, Route 1, Lawrence, Kans.

**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 2, Miltonvale, Kans.

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

**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.

#### 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 8, Box 18 Lyons, Kans.

**FIFTEEN HEAD** of mammoth Jacks and Jennets for sale or trade; will sell one or all. J. R. Cooney, Route 1, Palmer, Kans.

**FOR SALE OR TRADE** for horses or mules, one Standard bred trotting stallion, 8 years, 1,200 pounds. One imported French Coach stallion, 1,500 pounds. S. S. Morine, McPherson, Kans.

**FOR SALE** or trade, one large, black jack, 16½ hands high, weight 1150 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, 638 Highland ave., Topeka.

#### POULTRY.

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

**FOR SALE**—Mammoth Bronze Turkeys and Golden Wyandotte chickens. Young stock for sale. Mrs. A. B. Grant, Emporia, Kans.

**ROSE COMB RHODE ISLAND RED** Chickens. Thoroughbred Duroc-Jersey pigs. High-grade Red Polled 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 94½ points. Prices reasonable. J. W. Swartz, Americus, Kans.

**LOW PRICES** on bone-cutters, clover cutters, brooders, grit mortars and poultry supplies. Free supply Catalogue. Address manufacturer, Humphrey, Yale Street, Joliet, Ill.

**FOR SALE**—Exhibition S. C. Black Minorca cockerels, \$2. I guarantee them. Address George Kern, 817 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.

**SCOTCH COLLIE PUPS** for sale—7-months old. Pedigree furnished. Address Chas. W. Greenham, Bucklin, Kans.

## 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.

#### 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.

#### 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.

**FARM**—106 acres with buildings, \$1,500. Other farms cheap. P. S. Leake, Richmond, Va.

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

**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 366, Wichita, Kans.

**WE HUSTLE**—If you have real estate or merchandise for sale or exchange, list with us. Send description and price. Blanck & 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-falling water in abundance with about one and one-fourth miles of creek with some timber and never-falling 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, 60 acres in growing wheat, balance alfalfa, pasture and orchard, house, barn, crib, and out-buildings, \$5,000, 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; \$6,600; 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, \$2,200; 700 acres in Ellis County, partly improved, and cut up in small farms, \$10 per acre; 1,280 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.

#### 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 bushel f. o. b. Independence Kansas. No charge for sacks. Send for sample.  
**UNION IMPLEMENT & HARDWARE CO.**

#### 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 463, Seneca, Kansas, for particulars as to lay-out to a good blacksmith.

**LADIES** to do piece work at their homes. We furnish all material and pay from \$7 to \$12 weekly. Experience unnecessary. Send stamped envelope to Royal Co., Desk 49, 34 Monroe Street, Chicago.

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

**AGENTS WANTED** Sell 11 bottle Sarsaparilla for \$50; best seller; 200 per cent profit. Write today for terms. F. R. Greene, 115 Lake St., Chicago

**FINE** Scotch Collie puppies sold by Y. U. Treadway. La Harpe, Kansas.

**WE PAY \$36 A WEEK** AND EXPENSES (reduce poultry compound. Year's contract. IMPERIAL PFG. CO., DEPT. 15 PARSONS, KANS.)

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

**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.

## Stray List

Week Ending October 28, 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 Valley 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.

Jackson County—T. C. McConnell, Clerk.

**STEER**—Taken up by J. M. Homer, in Jefferson tp., November 6, 1905, one 2-year-old red steer, branded on left hip, crop out of underpart of right ear; number 400.



## POULTRY BREEDERS' DIRECTORY

Choice Buff Rock Cockerels. Premium stock. Prices \$1.50 and upwards. M. Madden, Mound City, Kans.

B. P. Rock Cockerels \$1.50 each; W. H. Turkey toms, \$2.50 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, bay eyes, fine shape. Write for prices, they are right. J. C. Bostwick, R. 2, Hoyt, Ka.

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

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

EGGS FOR SALE—S. C. W. Leghorns, W. Wyandottes; \$1 per 15. W. H. turkeys, \$1.50 per 9. Bantam geese, \$20 each. W. African guineas, \$1 per 17. All guaranteed pure-bred. A. F. Hulse, Route 2, Maple Hill, 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, \$6 for 15. S. Perkins, 501 East First Street, Newton, Kans.

S. C. W. Leghorns and Buff Rocks. Winners at State Fairs. Eggs, \$1 per sitting. J. W. Cook, Route 3, 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, \$3 per 15; \$4 per 45. Hawkins and Bradley strains, scoring 95% to 94%. Mr. & Mrs. Chris Bearman Ottawa, Kans.

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

TO REDUCE STOCK—Will sell Black Langshan pullets at 50 cents and \$1; cockerels \$1 each, this month only. Address Mrs. Geo. W. King, Solomon, Kans.

SINGLE COMB WHITE LEGHORN 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.

FOR SALE—White-faced Black Spanish stock and show birds at bargain prices. First premium at Kansas State Fair. M. A. Chesney, 1929 Van Buren Street, Topeka, Kans.

S. C. BUFF LEGHORN COCKERELS—Pure-bred at \$1 if taken soon. J. A. Reed, Route 3, Wakefield, Kans.

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 96 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, Glendale 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 LEHORNS

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. Sired 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 80 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. DUFF, Larned, Kans.

## DUFF'S POULTRY

Barred Plymouth Rocks, White Plymouth Rocks, Buff Rocks, Light Brahma, 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.

## The Poultry Yard

CONDUCTED BY THOMAS OWEN.

Chickens' Combs Look Pale.

EDITOR KANSAS FARMER: Will you kindly tell me why my chickens' combs look so pale—both old and young? They eat well and seem to be well, but their combs are not red as they should be.

FLORA K. EATON.

Lucas County, Ohio.

Ans.—At this time of year chickens are moulting and consequently are not in good condition. After they get their feathers they will be all right and their combs will assume the normal condition. A little condition powder in their food and a liberal feeding of sound, nutritious food will help them get over their moult quickly.

## Poultry Pointers.

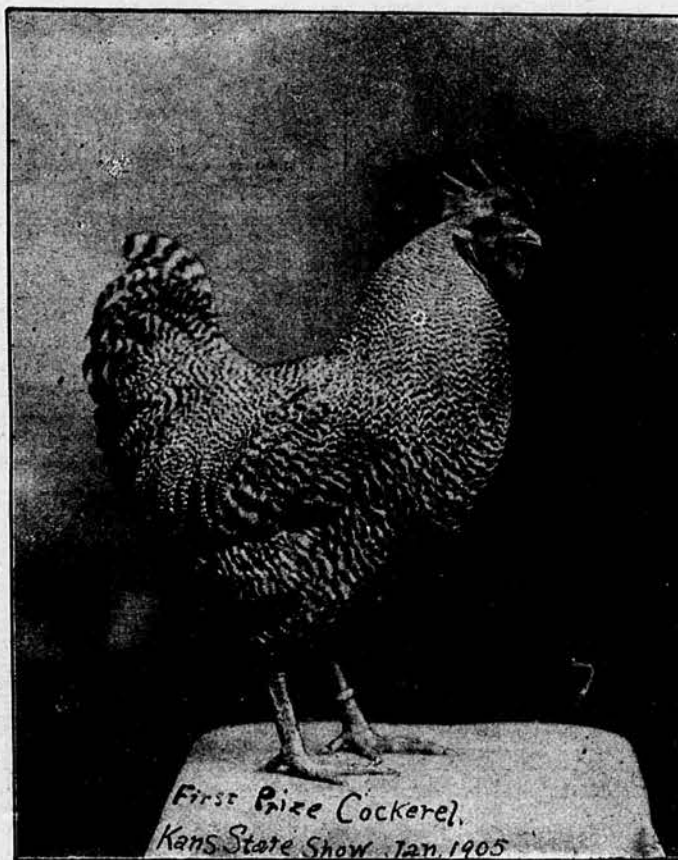
The secretary of the State Poultry Show is busy at work on the premium list, and would be glad to receive advertisements for same from poultry-breeders at the rate of \$10 per page, \$6 per half page, \$3 per quarter page. He also would like applications for

crop for Thanksgiving, saying the price will be prohibitive except to the extra rich. Turkeys ought to be much more plentiful than they are. With the large acreage of alfalfa with its millions of grasshoppers and bugs, the raising of them ought to be cheap and easy.

Are your poultry-houses in good shape for the winter? Does the roof leak? Are all holes and cracks covered so that the wintry winds can not blow through them? If not, now is the time to attend to these matters, for the season will soon be here when it will be too late to fix them. Take advantage of these sunshiny days and make your fowls comfortable for the winter.

Most people line their poultry-houses with tar paper, but we have found a very good substitute in thick building-paper. You can get a roll of the latter for 75 cents that will cover 500 square feet of space, while tar paper comes in rolls of 100 feet and costs from \$1 to \$2 per roll. The building-paper is much cleaner and easier to put on. It will keep lots of cold wind out of the poultry-house, which will be a saving in feed and give a greater quantity of eggs.

Every breeder of fancy poultry should exhibit at some poultry show the coming winter. He should patron-



First Prize Cockerel, Kans State Show Jan. 1905

Herewith we present a correct likeness of the first prize Barred Plymouth Rock cockerel at the Kansas State Poultry Show held at Topeka, January, 1905. The competition was strong and numerous, consequently the owner and exhibitor, A. H. Miller, Bern, Kans., naturally takes pride in showing what he considers an ideal bird, and in his advertisement he is offering a number of young cockerels sired by this bird.

membership to the State Poultry Association. The membership fee is only 50 cents per year, with no other dues. Any reputable poultry-breeder can join by remitting 50 cents to Thomas Owen, Secretary, Station B, Topeka, Kans. For this 50 cents the name of the breeder, his address and variety of fowls he breeds, will be printed in the premium list and in the annual report of the secretary to the Governor. This is the cheapest advertising any breeder can get.

Notwithstanding some opposition, the big show will be held in the Auditorium, and from the present outlook it promises to be the largest show in the West. The premiums are assured by the appropriation of \$1,000 each year by the State.

The high price of eggs at the present time emphasizes the fact that there are not as many eggs furnished by the farmers as there ought to be. The young pullets with proper management ought to be laying this month and if you once get them started they will lay all winter, when eggs will be much higher in price than they are now.

The daily papers are already writing about the scarcity of the turkey

ize his home show first, and if he wins first honors there, he should exhibit at the State Show. Even if he does not win any premiums, it is a good investment. He gets his birds scored for a small consideration, which will enhance their value a hundredfold.

To top off your turkeys or hens for Thanksgiving, confine them in a semi-dark coop for a couple of weeks and feed them with a mash food of cornmeal, bran, meat, or blood-meal. Keep grit and clear water by them all the time. You will be surprised at the gain they will make in that short time; besides, they will present a much better appearance and the flesh will be firm and juicy.

For the winter's supply of green stuff, you should lay in a supply of cabbage (immature heads will do), turnips, beets, small potatoes, etc. If you have none of these yourselves, you can usually get them from a market gardener for a small price, as such are unsalable in the regular market.

If you can not obtain a supply of the above succulent vegetables, alfalfa leaves will take their place in great measure. It will pay any poultryman to buy alfalfa by the bale or load to feed to his chickens. If he has a clo-

## Profit In Poultry Depends on You

Greater profit in poultry is guaranteed to poultry raisers who feed Dr. Hess Poultry Pan-a-ce-a. This superior Poultry tonic and disease preventive acts directly on the organs of digestion. It increases the blood supply, cleans up the liver, arouses the egg-producing organs, reddens the comb, brightens the feathers, and makes "ginger."

## DR. HESS POULTRY PAN-A-CE-A

is the prescription of Dr. Hess (M. D., D.V.S.). If it doesn't produce the results claimed, your money will be refunded. It is the scientific cure and preventive of roup, cholera, leg weakness, indigestion, etc. It has the indorsement of leading poultry associations of the United States and Canada. Costs but a penny a day for about 30 fowls, and is sold on a written guarantee.

1 1/2 lbs. 25c, mail or express 40c  
5 lbs. 60c  
15 lbs. \$1.25  
\$5 lb. pack \$2.50

Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK

Ashland, Ohio

INSTANT LOUSE KILLER KILLS LICE

ver-cutter to cut it into short lengths, it will be just the thing; but if he has not, he can take the alfalfa and shake the leaves out for the chickens and feed the stalks to his horse or cow.

As soon as you are proud of your humility it dies.



## LIFE PRODUCERS SUCCESSFUL INCUBATORS. LIFE PRESERVERS SUCCESSFUL BROODERS.

The only machines that rival the mother hen. Incubator and Poultry Catalogue FREE. Booklet, "Proper Care and Feeding Small Chickens, Ducks and Turkeys," 10c. 60c poultry paper one year, 10c.

DES MOINES INCUBATOR COMPANY, Des Moines, Iowa.

## MACHINE OIL \$3.50 A BARREL

You will find it a better machine oil than anything you have been buying for 25 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.

## \$12.50 For 200 Eggs INCUBATOR

Perfect in construction and action. Hatches every fertile egg. Write for catalog to-day.

GEO. H. STAHL, Quincy, Ill.



## White Plymouth Rocks EXCLUSIVELY.

Gooder Eggs, Good to Eat, and Good to Look at. W. F. Rocks hold the record for egg-laying over every other variety of fowls; eight pullets averaging 200 eggs each in one year. I have bred them exclusively for twelve years and have them scoring 94 to 96%, and as good as can be found anywhere. Eggs only \$2 per 15; \$4 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.

## SCOTCH COLLIES.

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



**DUROC-JERSEYS.**

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**  
1 or Ready Sale—20 well-grown spring boars and 56 gilts, sired by Pearl Wonder 31388, Cherry Boy 31385 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,**  
Wichita, Kansas  
Farm two miles west of city on Maple Avenue

**Fairview Herd Duroc-Jerseys**  
Fairview 150; all head for our two sales, October, 1905, and January, 1906.  
**J. B. DAVIS, Fairview, Brown Co., Kas.**

**DUROC SWINE—Cheap**  
20 head of bred gilts, 20 boars large enough for service, and 40 suckling pigs and 2 large herd boars. Write for prices.  
**CHAS. DURR, 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**  
LEWIS CARROLL, MURKIN, Asherville, Kans.  
Gilts and 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. C. W. LAY & 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 Burrells 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.**

**CAMERON HERD OF DUROC-JERSEYS**  
Some nice males and gilts to sell. Will have some bred sows bred to Crimson Wonder 28755, our first prize boar. Sired by Crimson Wonder 26355, the great prize winner at St. Louis World's Fair. We can give you a bargain in both sexes. White Plymouth Rocks, Pekin Ducks, White Holland Turkeys. Mr. & Mrs. Henry Shrader, Wauneta, Kans.

**EUREKA MANOR HERD OF DUROC-JERSEYS.**

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

**PLAINVILLE DUROC-JERSEYS**  
**HERD**  
Herd headed by King of Kansas 28293, sired by Improver 24, the hog which brought \$400 for a half interest. For sale: A lot of pigs sired by King of Kansas. The brood sow, Daisy E., is very large and a good breeder of show pigs. There are several sows in the herd of the Top Notcher strains. Send in your orders and get a bargain.  
**J. M. YOUNG, Plainville, 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. 20669 by Van's Perfection No. 11671, Improved 3rd No. 28361 by Improver 2nd No. 13365, Dandy Orion No. 33879 by Orion No. 5293 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.**

**80 Select Duroc-Jersey Pigs**  
My herd numbers 225 in all of pure-bred Duroc-Jersey swine. I now offer for ready sale 80 of the tops of this herd, consisting of 40 spring boars and 40 gilts. There is no better breeding and the pigs selected for sale are splendid types and individuals. Inspection or correspondence invited. Address:  
**E. STURDY, Bradford, Kans.**

**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, Kas.**

**DUROC-JERSEYS.**

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

**POLAND-CHINAS.**

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

**MAPLE VALLEY STOCK FARM**  
Pure-bred Poland-Chinas from leading strains. Visitors welcome and correspondence solicited. Satisfaction guaranteed. **C. P. 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.**  
Herd headed by Nonpareil 86105A. Sweepstakes boar at Missouri State Fair 1904. Can spare a few choice sows bred for May and June farrow.  
**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.**

**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.**

**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 303766 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, Silk 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; 1/2 brother in blood to Grand Champion Meddler C's. Corrector brother to Gsard Champion Corrector 2nd. Kiever's Perfection, sired to 7 head winning 1st and 2nd seconds, and Sweepstakes prizes at the Hutchinson fair, 1904. Watch the Kansas Farmer for public sale date.

**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.

**BOARS! BOARS! BOARS!**

The grandest lot of Poland-China Boars ever offered to the trade. "Hot Shot" and "Hilltop Chief," litter brothers by U. C. Perfection and winning first at Ottawa and Topeka; Pace Maker, first prize yearlings; 2 under 6 months prize-winners; 20 choice fall and spring boars not fitted for show. We will suit any breeder in quality and price.  
Three good Shorthorn bulls cheap.  
**DIETRICH & SPAULDING,**  
Write or visit us. Richmond, Kans.

**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.**

**Ohio Improved Chester Whites for Ready Sale—**

15 Spring Boars, 25 Spring Gilts; also a few bred Sows. Stock is in first-class condition and in the pink of health. Prices reasonable.  
**A. E. STALEY & SON, R. 7, Ottawa, 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, Cragmere 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 Ulna, Silver Mine 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 12263 grand first and sweep-stake boar Nebraska State Fair, 1904. Top quality. Rock bottom prices. Write to-day for prices to

**FISHER LIVE STOCK CO.,**  
Hastings, Nebraska.

**BERKSHIRES.**

**CEDAR LAWN BERKSHIRES** My sows are sired by Elma's Prime 64778, and Berryton Duke 72946. Boar at head of herd, Tourist topper 78277.  
**Wm. McAdam, Netawaka, Kans.**

**Ridgeview Berkshires**

Seven yearlings for sale, by Forest King 72868. Boars April and May farrow; good ones at reasonable prices. Order quick and get first choice.  
**MANWARING BROS.,**  
Route 1, Lawrence, Kans.

**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**

**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 984" by "Lord Premier," sire "Lord Durham" by Big Ben g son of Baron Lee 4th, dam of "Lord Durham" "Locust Blossom" out of "Patsy Girl," by "Baron Lee 4th." Dam of "Big Ben" "Matchless VII" by "Lord Winsor II" g dam "El Matchless" first at English Royal.

**E. D. KING, Burlington, Kansas**

**SUNNY SLOPE**

**BERKSHIRES**

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 Masterpiece, 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.

**C. A. STANNARD, - Emporia, Kansas**

**KNOLLWOOD**

**BERKSHIRES**

Pacific Duke 56891, 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 60134, by Halle 60125, sweepstakes Pan-American sow; Stumpy Lady 63409 by Combination 56028, sweepstakes Kansas City and Chicago 1902. Lee's Model Princess 62514, the \$180 daughter of Governor Lee 47971; Lady Lee 99th 65035, the \$160 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**

**TAMWORTHS.**

**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.

**E. L. LINDNES and F. L. WATERMAN,**  
CLAY CENTER, KANS.

**ABERDEEN-ANGUS.**

**Aberdeen-Angus Cattle and Percheron Horses**

A few bulls, 6 to 24 months old, ready for buyers. Two Percheron stallions 1 and 2 years old.

**GARRETT HURST,**  
Peck, Sumner County, Kansas

**THE SUNFLOWER HERD PURE-BRED**

**Angus Cattle**

Herd headed by HALE LAD 30645, Herd numbers 250 head, the largest herd bred by owner in America. Stock for sale Address  
**PARRISH & MILLER,**  
Hudson, Route 1, Stafford Co., Kas.

**ANGUS BARGAIN.**

I want to sell my herd of registered Aberdeen-Angus cattle, consisting of nine, two and three year old cows, and one bull. Will give some one a bargain.

**C.A. LONG, Fredonia, Kan.**

**GALLOWAYS.**

A choice lot of young bulls and heifers for sale. Come and see them.

**O. E. MATSON,**  
Furley, Kans.

Breeder of Galloway cattle.



## SHORTHORNS.

**J. M. MILLER.**

Breeder of Shorthorn Cattle and B. P. Rock Chickens. Bulls, Cows and Heifers for sale. Prices reasonable.  
Atchison Co. MUSCOTAH, KANS.

**Meadow Brook Shorthorns**

Herd headed by Baron Goldsmith 224633 by The Baron 121877; females bred to him and choice young bulls for sale.

T. C. KINGSLEY, Dover, Shawnee County, Kansas.  
Railroad Station, Willard, Kans. Long Distance Telephone

## SHORTHORN CATTLE

## POLAND-CHINA SWINE

Best strains of stock for sale at popular prices.  
M. WALTIRE, - Carbondale, Kansas

**Three Choice Shorthorn Bulls.**

All dark red, 12 to 30 months old good breeding, good individuals. Also some cows and heifers bred. Twenty-five spring boars, good growthy fellows, out of mature sows and No. 1 boars. For description and prices, call on or write:

JAS. P. LAHR, Route 2, Sebatha, Kans.

**SILVER CREEK**

## SHORTHORNS and DUROC-JERSEYS

In Special Offer. 8 young cows and heifers bred to Imp. Aylesbury Duke and Lord Thistle. Some choice Duroc pigs of either sex sired by and gilts bred to May Bury. First prize winner at Am Royal, Mo. State, and World's Fair, 1904.

**J. F. STODDER,**

Burden, - Cowley County, - Kansas

## GLENWOOD HERDS

## Shorthorns and Poland-Chinas

100 Scotch and Scotch Topped Females, 8 Scotch Topped Bulls in special offer, Pavonias Prince 207816 and Happy Knight by Gallant Knight 124468 in service.

C. S. NEVIUS, Chiles, Miami Co., Kans.  
Forty miles south of Kansas City.

**Valley Grove Shorthorn**

FOR SALE—Young bulls, cows and heifers. Come and see them. Telephone via Dover. Telegraph station Willard. Address

T. P. BABST & SONS, Auburn, Kans.  
Telegraph Station, Valencia, Kans.

**Elder Lawn Herd**

## SHORTHORNS

I. K. TOMSON & SONS, Dover, Shawnee Co., Kans.  
Bulls in service: GALLANT KNIGHT 124468 and DICTATOR 182624.

For Sale—Serviceable bulls and bred cows. Prices reasonable and quality good. Come and see us.

## CEDAR HEIGHTS SHORTHORNS

Scotch bulls in service. Cows carry three to five Scotch crosses on standard Shorthorn foundations. Ten Bulls 12 to 18 months old also a carload of extra good 2- and 3-year-old heifers for sale. All red, and all in good condition. Come and see our cattle.

**D. H. FORBES & SON,**

R. R. No. 2, Topeka, Kans.

## MILKING SHORTHORNS

Young bulls from heavy milking dams, sired by the Scotch Topped Giltspur's Knight 171691 whose heifers are excellent milkers. Write us.

**N. MANROSE**

Route 5, - Ottawa, Kans.

## PLEASANT HILL

## STOCK FARM

Registered Hereford cattle. Major Beau Real 71621 at head of herd. Choice young bulls also heifers by Lord Evergreen 93661 in calf to Orto 132866 for sale. Bronze turkeys and Barred Plymouth Rock eggs for sale.

Joseph Cendell Eldorado, Kansas

**Pearl Shorthorn Herd**

40 Young Bulls for Sale, ranging from 6 to 24 months old and sired by the noted Scotch bulls, Baron Ury 2d 124970, Sunflower's Boy 127337, and Bold Knight 179064. Address

**C. W. TAYLOR.**

(Wire or 'Phone), Pearl, Dickinson Co. (Mail No. 2), Enterprise, Kans.

## ALFALFA LEAF SHORTHORNS.

Nonpareil Star 188488 at the head of herd. Imp. Edelweiss, Edelweiss 8rd by Lord Ban Lady Goddess, etc. One 18-month old bull by N. S. out of Lady Goddess, for sale. John Regier, Whitewater, Kansas.

**SOLDIER CREEK HERDS OF**

## Herefords, Shorthorns, Polled Shorthorns

Service Bulls—Herefords: Columbus 17th 91384, Columbus Budybody 141896, Jack Hayes 2d 119761. Shorthorns: Orange Dudding 149469. Polled Shorthorns: Scotch Emperor 133446, Crowder 204816. Herds consist of 500 head of the various fashionable families. Can suit any buyer. Visitors welcome except Sundays. Address

Joseph Pelton, Mgr., Belvidere, Kiowa Co., Kas

## SHORTHORNS.

**Plainville Shorthorn Herd**

Headed by Prince Lucifer 189685

A pure Scotch bull.  
Stock for sale at all times.  
N. F. Shaw, Plainville, Reels Co., Kans

## ROCKY HILL HERD

## SHORTHORN CATTLE

J. F. True & Son, Perry, Kans.

## D. P. NORTON'S SHORTHORNS

Dunlap, Morris County, Kansas

## Breeder of Pure-bred Shorthorn Cattle.

Choice bull calves and 2-year-old heifers bred at \$50 each.

**Harmony's Knight 218509**

By the \$1,000 KNIGHT'S VALENTINE 157770, a pure Scotch bull of the Bloom tribe, now heads my herd. Seven extra good 1- and 2-year-old bulls, sired by an American Royal winner, for sale. Also carload of cows and heifers in good flesh and at reasonable prices. Come and see them.

**A. M. ASHCRAFT,**

Atchison, Kans.

## ALYSDALE HERD

## SHORTHORNS

Headed by the great Cruickshank bull, Prince Consort 157008, sired by Imported Prince of Perth 153879, and out of own sister of Lavender Viscount 124755

## YOUNG STOCK FOR SALE

Sired by such bulls as Lord Mayor, Mayor, Valen

tine, and Proud Knight.

**C. W. MERRIAM,**

Columbian Building, Topeka, Kansas

**Evergreen Ridge**

## Shorthorns

**W. H. RANSON,**

Route No. 2, North Wichita, Kans.

## HEREFORDS.

**Registered Herefords**

Individual merit and choicest breeding. Dale Duplicate 2d at head of herd. Correspondence solicited. A. JOHNSON, Clearwater, Kans.

## Vermilion Hereford Co., VERMILION, KANSAS.

Boatman 56011 and Lord Albert 131557 head of herd. Choice young stock of both sexes for sale.

E. E. Woodman, Vermillion, Kansas

**Modern Herefords**

Herd bulls, Protocol 2d 91715—Beau Beauty 192235, and Printer 66684, the best living son of the great Beau Brummel. Young bulls, cows and heifers for sale.

Robt. H. Hazlett, El Dorado, Kans

## RED POLLS.

ENGLISH RED POLLED CATTLE—Pure-bred Young Stock for Sale. Your orders solicited. Address L. K. Hazlett, Route 7, Springfield, Mo. Mention this paper when writing.

RED POLLS—6 pure bred Red Polled bull calves from 5 to 7 months old. Also two excellent yearling bulls. Write for prices and full description, or visit us. CHARLES FOSTER & SON, Butler Co. R F D. 4. El Dorado, Kansas

## COBURN HERD OF RED POLLED CATTLE

Herd now numbers 115 head. Young bulls for sale. GEO. GROENMILLER & SON, ROUTE 1, POMONA, KANSAS

## RED POLLED CATTLE AND

## POLAND-CHINA SWINE.

Best of breeding. Write or come and see CHAS. MORRISON, Route 2, Phillipsburg, Kas

## RED POLLED CATTLE

Of the choicest strains and good individuals. Young animals, either sex, for sale. Also breeders of Percheron Horses and Plymouth Rock Chickens. Address S. C. BARTLETT, Route 5, - Wellington, Kansas

## HALCYON HOME STOCK FARM

## Polled Durhams

Offer some fine blocky bulls about one year old.

**C. J. WOODS,**

Chiles, Miami County, Kansas

## HORSES AND MULES.

**Eldorado Stock Farm**

E. J. Hewitt, Prop.

ELDORADO, KANSAS

Breeder and Importer of Percheron Horses, Aberdeen-Angus Cattle and Poland-China Hogs.

**Do You Want a Good Jack or Jennet Cheap?**

Visit Limestone Valley Farm, where we will show you the largest and best registered herd of Jacks and Jennets in the United States, which was proven by our exhibit at the St. Louis World's Fair, where we won every first premium in the twenty-nine sections except three, every champion and every grand champion in all the classes, also won the premier champion exhibitor and breeder. We sell annually more high class Jacks and Jennets and for less money, considering quality, than any breeder or dealer in the United States. Our motto is to breed and handle the best that can possibly be produced, guarantee every animal to be as represented, sell cheap for cash and sell lots of them. Not trying to make all the profits on a few head, but make the business a success by selling quality, quantity and satisfaction to our customers. Don't write for description but come and see. (You can't buy Jacks and Jennets on description.) We can no doubt suit you in anything you may want from a baby Jack or Jennet up. Farm six miles from Sedalia, main line M. & T., and Missouri Pacific railroads. Two miles from Smithton, main line Mo. Pac. R. R. Telephone and Bell telephone station, Sedalia, Mo. Come and see us. Notify us and we will meet you at the train. Respectfully yours,

L. M. MONSEES & SONS,  
Smithton, Pettis Co., Mo.

When writing advertisers please mention this paper.

## LIVE-STOCK AUCTIONEERS.

## LIVE-STOCK AUCTIONEERS.

**JAS. W. SPARKS,**

## Live Stock Auctioneer

Marshall, Mo.

TWELVE YEARS successfully selling all breeds of pure-bred live stock at auction.

Posted on pedigrees and values of all breeds.

MY REFERENCE IS THE BEST BREEDERS nineteen states and territories for whom I have made many successful sales of all breeds of pure-bred live stock.

WITH THIS EXPERIENCE my terms for the best and most experienced service are very reasonable. Write or wire me before fixing your sale date.

**R. L. HARRIMAN**

## Live Stock Auctioneer

Bunceton, Mo.

Twenty years a successful breeder, exhibitor, and judge of live stock.

Ten years' experience on the auction block selling successfully for the best breeders in fifteen States and Territories.

The records show that I am the MONEY-GETTER.

Posted on pedigrees and values of all breeds. Terms are reasonable. Write early for dates.

**JOHN D. SNYDER,**

## Live Stock Auctioneer, Winfield, Kansas

I have made a life study of the different Pure Breeds of Horses, Cattle and Hogs. Have a wide acquaintance with breeders. Am thoroughly posted as to the best methods employed in the management of all kinds of sales. Have booked dates with the best breeders in Kansas, Missouri and Oklahoma. Will help you in arranging for your advertising. Write or wire me before claiming dates.

**Z. S. BRANSON,**

## Live Stock Auctioneer

Lincoln, Neb.

Thorough knowledge of breeds, bloods and values. Terms reasonable. Inquiries cheerfully answered.

J. A. MARSHALL  
LIVE STOCK AUCTIONEER  
Gardner, Kans.

Have an extensive acquaintance among breeders. Terms reasonable. Write or telephone before fixing dates.

When writing advertisers please mention this paper.

LAKE BURGER  
LIVE STOCK AUCTIONEER  
Wellington, Kans.

**JOHN DAUM,**

## Live Stock Auctioneer

Nortonville, Kans.

Fine stock a specialty. Large acquaintance among stock-breeders. Sales made anywhere. Working and booked for best breeders in the State. Write or wire for dates.

**BERT FISHER,**

## Live Stock Auctioneer

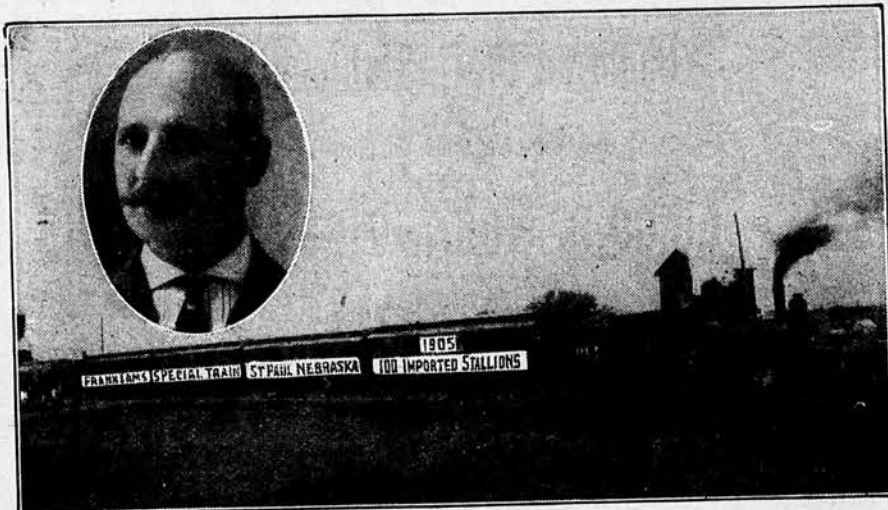
North Topeka, Kans., and Norton, Kans.

Thoroughly posted on pedigrees. Ten years' experience. Satisfaction guaranteed. Write or wire for prices and dates. Free sale tent at cost of handling only when unemployed. Ind. Phone 25. Bell Phone 21



HORSES.

# FRANK IAMS



And his "SPECIAL EXPRESS TRAIN," as it arrived August 24, 1905. They are the "BEST EVER," "WINNERS" and "SONS OF WINNERS," "IAMS' KIND," "TOP-NOTCHERS" at FIFTY CENTS ON THE DOLLAR. \$1,000 to \$1,500 buys "PEACHES AND CREAM" stallions. Watch "IAMS' SMOKE." He has his "SELLING CLOTHES" on daily. He OWNS and SELLS more first-class draft and coach stallions than any one man in U. S. "BACK UP," see Iams and a town of barns filled to THE ROOF WITH

157 STALLIONS—157  
Get Next, Mr. Money Maker! Iams had all the importers on "THE ROOF" at the IOWA AND NEBRASKA STATE FAIRS. IAMS' PERCHERONS, BELGIANS AND COACHERS WON EVERY FIRST, SECOND, SWEEPSTAKES and GRAND CHAMPIONSHIP over ALL DRAFTERS in 2, 3, and 4-year-old stallions, and NINETY PER CENT of same prizes at IOWA STATE FAIR, and the IOWA PEOPLE said, "IAMS HAS THE GOODS JUST AS HE ADVERTISES." Iams' "Peaches and Cream" stallions are "HOT STUFF" (for competitors). It's a "cinch" that Iams SAVES his buyers all commissions and middle men's profits.

\$1,000—SAVED AT IAMS—\$1,000  
Ikey! What a rich graft these "slick stallion salesmen" are working on the honest farmer, selling fourth-rate stallions at \$2,000 to \$5,000. Iams sells "top-notchers" so good, big and cheap that THEY DO NOT NEED TO BE PEDDLED TO BE SOLD.

Mr. Buyer! See Iams' stallions yourself. Take no "GOLD BRICK STALLION SALESMAN'S" word. Iams has "THE GOODS" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "HIGH PRICES" out of the "X-MAS TREE." Iams saws wood, "butts in," sells more stallions each year.

George, dear! Buy a stallion of Iams. His \$1,200 stallions are MUCH BETTER than our neighbors paid those OHIO men \$4,000 for. Then I can wear diamonds.

Iams speaks the languages, buys direct from BREEDERS, pays no buyers, salesmen or interpreters; has no two to ten men as partners to divide profits with. Iams guarantees to sell a BETTER STALLION at \$1,000 and \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by SLICK SALESMEN or pay you \$100 for trouble, you the judge. Iams pays horses' freight and buyers' fare, gives 60 per cent breeding guarantee. Write for eye-opener and greatest catalogue on earth.

References: St. Paul State Bank, Citizens' National Bank.

ST. PAUL, NEBRASKA

## Percheron Horses

HENRY AVERY & SON, Wakefield, Kans.

### REGISTERED PERCHERONS.

Coachers, Saddlers, Big Mammoth Jacks and Jennetts. Yatti head of Percheron stud and King Jumbo at head of Jennett herd. More prizes won at Missouri State Fair 1904-5 than any other breeder.

S. A. SPRIGGS, Westphalia, Kansas.



### ROBISON'S PERCHERONS

J. W. & J. C. ROBISON,  
Towanda, Kans.

Breeders of high class Percherons. 130 head on hand. For sale, now, fifty young stallions. Prize winners at American Royal, and Kansas State Fair.



### Pine Ridge Stock Farm

The Biggest and Best Horse Barn in the United States, and the Biggest and Best

### Percheron and French Draft Horses

SAMSON AT HEAD OF HERD.

(Percheron 27728 and French Draft 4846)  
He weighs 2,454 pounds, with more bone and quality than can be found in any other one horse in the United States. We can show more bone, size and quality than any other one farm in the country. Prices below competition. Call on or address

L. M. HARTLEY, - Salem, Iowa

### CHEYENNE VALLEY STOCK FARM PERCHERONS

Patsy and Keota Scoggan

At Head of Stud

STALLIONS MARES AND COLTS FOR SALE. ALSO COACH HORSES

F. H. SCHREPEL,

Ellinwood, Kansas.

## INTERNATIONAL LIVE STOCK EXPOSITION SHOW AND SALES.

Union Stock Yards,  
Chicago, Illinois,  
December 16 to December 23.

The Crowning Event of the Year to be held in the New Amphitheater. Ample Seating Capacity, Largest Building Devoted to Show Purposes in the World.

There will be sold at Public Auction the following number of Selected Cattle:

Tuesday, December 19.

50—Shorthorns—50  
For catalogue write  
B. O. Cowan, Asst. Secy.,  
Exchange Ave., U. S. Yards, Chicago.

Wednesday, December 20.

60—Aberdeen-Angus—60  
For catalogue write  
C. R. Thomas, Secy.,  
Kansas City, Mo.

Thursday, December 21.

60—Herefords—60  
For catalogue write  
W. C. McGavock,  
Springfield, Ill.

Friday, December 22.

40—Galloways—40  
For catalogue write  
Chas. Gray, Secy.,  
Exchange Ave.,  
U. S. Yards, Chicago.

Railways are offering better rates and facilities for this year's exposition than ever before.



## FIGURES ON FARMS

If you could sell your farm to-day for \$100 an acre and buy it back to-morrow for \$10 an acre,

You would do it.

If you can buy the \$100 land for \$10 somewhere else, the proposition is just as good. You can buy it in the Southwest.

Why shouldn't you do it?

If you wish to know more about it, write for copies of our Texas and Oklahoma books. They are free.

A. HILTON, General Passenger Agent, 950 Frisco Bldg., St. Louis, Mo.



## PARADISE FOR THE HOMESEEEKER

## TO KANSAS

Best Agricultural and Stock Raising Region. Soil deep, rich and productive in the growing of Wheat, Corn and Alfalfa. Purchase price from \$5 to \$30 per acre, which equals the returns of \$50 to \$150 per acre lands of other States.

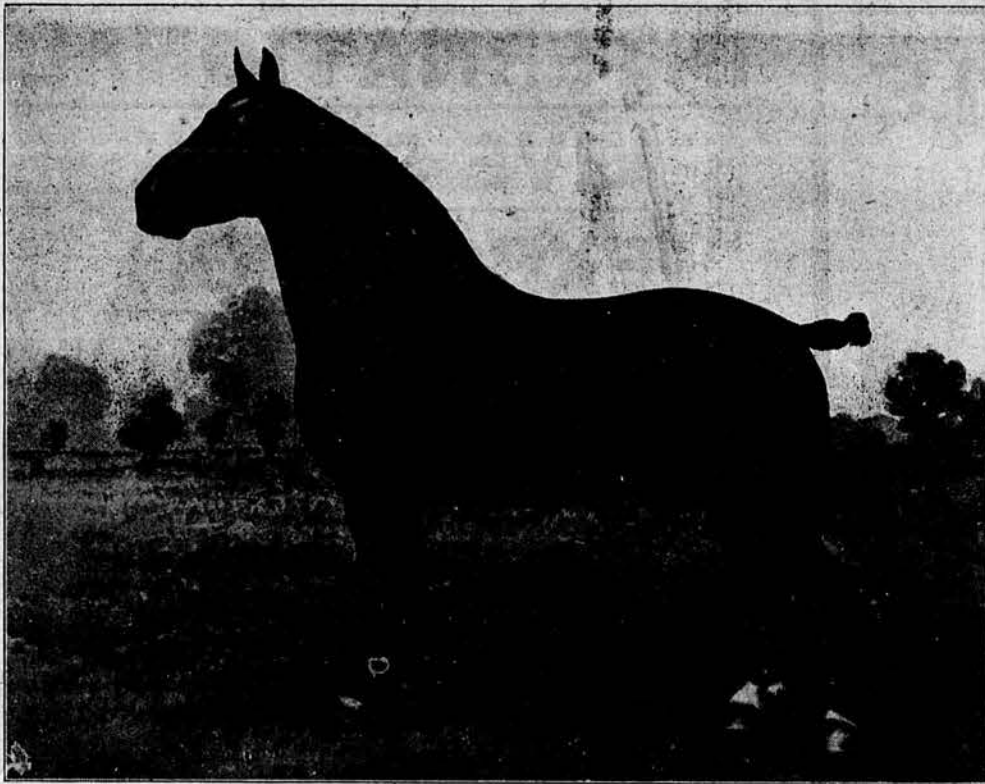
### CLIMATE IDEAL, AMPLE RAINFALL.

Buy quick and secure the benefit of an excellent investment. Write for further information, illustrated literature and

### LOW SETTLERS' RATES.

H. C. TOWNSEND, General Passenger and Ticket Agent, ST. LOUIS, MO.





Soudeac 54893, Percheron Stallion.

These stallions all range in age from coming 3's to coming 5-year-olds and are of the most fashionable colors of their respective breeds.

## 20 Imported Percheron Mares.

These mares were specially selected and will be some of the greatest show stuff ever produced in France. This undoubtedly will be the grandest lot of imported horse flesh ever offered to the highest bidder in the United States. Our firm have made 90 importations from the old country and are free to say that we never before had such a grand lot of stallions—such an array of the get of the greatest prize-

winners of the old countries. On each of these stallions we will give our regular 60 per cent guarantee and will furnish life insurance if you desire. Our reason for selling is to do more business at less expense and sell you horses at less money and still make a fair profit. The horses offered in this sale have been imported by us within the past six months and are the very best types of their respective breeds. Every one of our winners at the Nebraska State Fair and the Kansas City Royal will be included in this sale. The prospects for continued good prices in horse flesh never were brighter. This sale is not to get out of the business but we want to handle more horses. We will at all times have from 60 to 100 head of stallions in our barns for sale at private treaty. Sale will be held under cover and hot lunch served at noon. Remember the date, December 1. Catalogues now ready showing the photographs of nearly every one of these horses. Be sure and send for one. It will interest you.

**Watson, Woods Bros.,  
& Kelly Co.**

**LINCOLN, NEBR.**

**Col. F. M. Wood, Auctioneer.**

# PUBLIC SALE

—OF—

**Imported Draft Stallions and Mares**

At the New Live Stock Pavilion on the Fair Ground at

**Lincoln, Neb., Friday Dec. 1, '05**

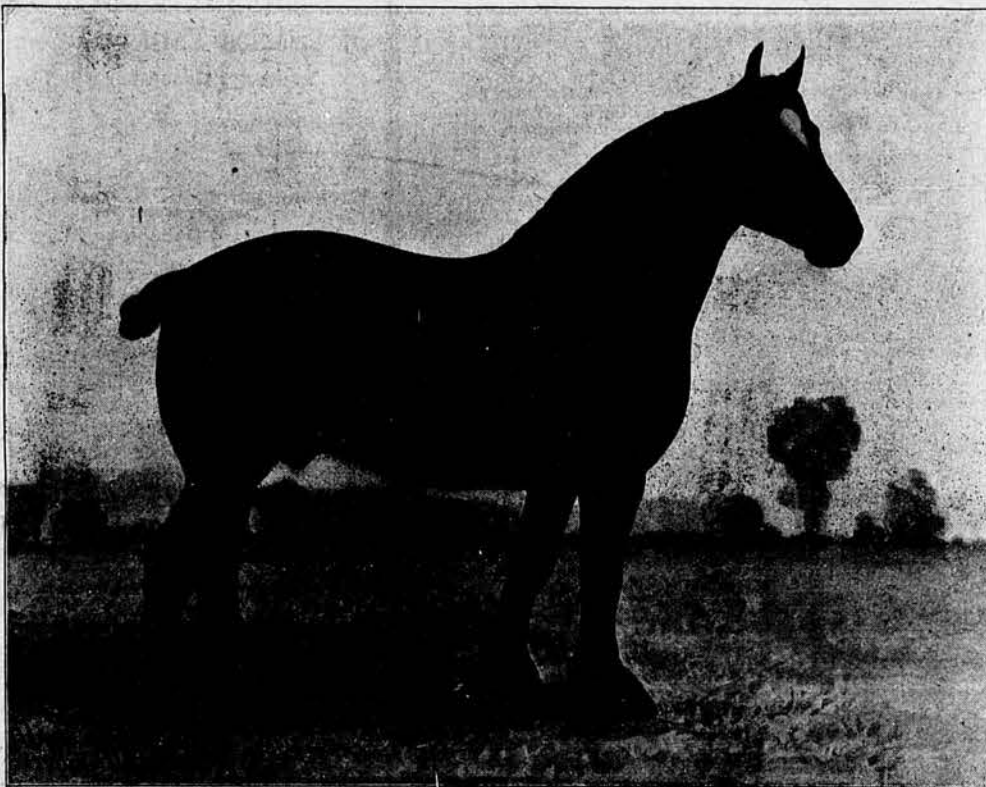
Sale Commences Sharply at 10 a. m.

**20 Imported Percheron Stallions.**

**20 Imported English Shire Stallions.**

**6 Imported Royal Belgians.**

**4 Imported Oldenburg Coach Stallions.**



Gresil 55310, Percheron Stallion.



Printanier 60056, Percheron Stallion.