

KANSAS FARMER



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Volume 24, American Berkshire Record, contains pedigrees from 80,001 to 85,000. It also contains a list of transfers of animals sold, whose pedigrees

and \$5. The plowing match is an annual event at the Funk farms and seems destined to grow in popularity. About one thousand people were present this year.

Through some mistake in compiling the work of the judges at the Kansas State Fair, the KANSAS FARMER first prize for the best ear of corn was credited to the wrong party. After a good deal of inquiry it has been found that this first prize was awarded to C. E. Hildreth, of Altamont, Kans. Mr. Hildreth's corn was certainly worthy.

During the first nine months of 1905 gains in the receipts and shipments of live stock and grain have been more than ordinarily heavy, live stock arrivals at five leading markets during the present year to September 30 having been nearly two million head in excess of what they were for a like month in 1904, while the increase in grain receipts at twelve important interior centers, by a like comparison, amounted to over twenty-seven and one-half million bushels.

The war on patent medicines waged by certain interests has assumed a

structural steel on time. All events pertaining to the exposition will be held on days of week corresponding to those arranged the previously advertised week. This change in date will no doubt make the attendance a great deal easier to a number of people who could not leave home for the earlier date. So let every one know about it and all pull together to make the event one long to be remembered. No better beginning to the holiday season could be made than spending this week at the Exposition. The magnitude of the building will impress you so that you will easily realize how it is possible for a delay to occur such as we have been forced to admit."

CUBE ROOT.

EDITOR KANSAS FARMER:—I read the KANSAS FARMER every week and think it is a good, reliable paper. I would be much pleased if you would give me a simple method of extracting the cube root of any number. I dislike the one given in the new Model Arithmetic.

Washington County. C. W. R.

There is no very simple rule for extracting the cube root by arithmetical methods. Those who often need to know the cube roots of numbers pro-

FINE STOCK SALES NEXT WEEK.

Monday, November 6.
J. F. Laing, McLouth, Kans., Poland-China dispersion.

Tuesday, November 7.
Heady & Bailey, Galtsburg, Kans., Poland-Chinas.

Wednesday, November 8.
Bollin & Aaron, Leavenworth, Kans., Poland-Chinas.

Thursday, November 9.
Will H. Rhodes, Tampa, Kans., Herefords.
Shawnee Breeders' Association, Topeka, Kans., Duroc-Jerseys.

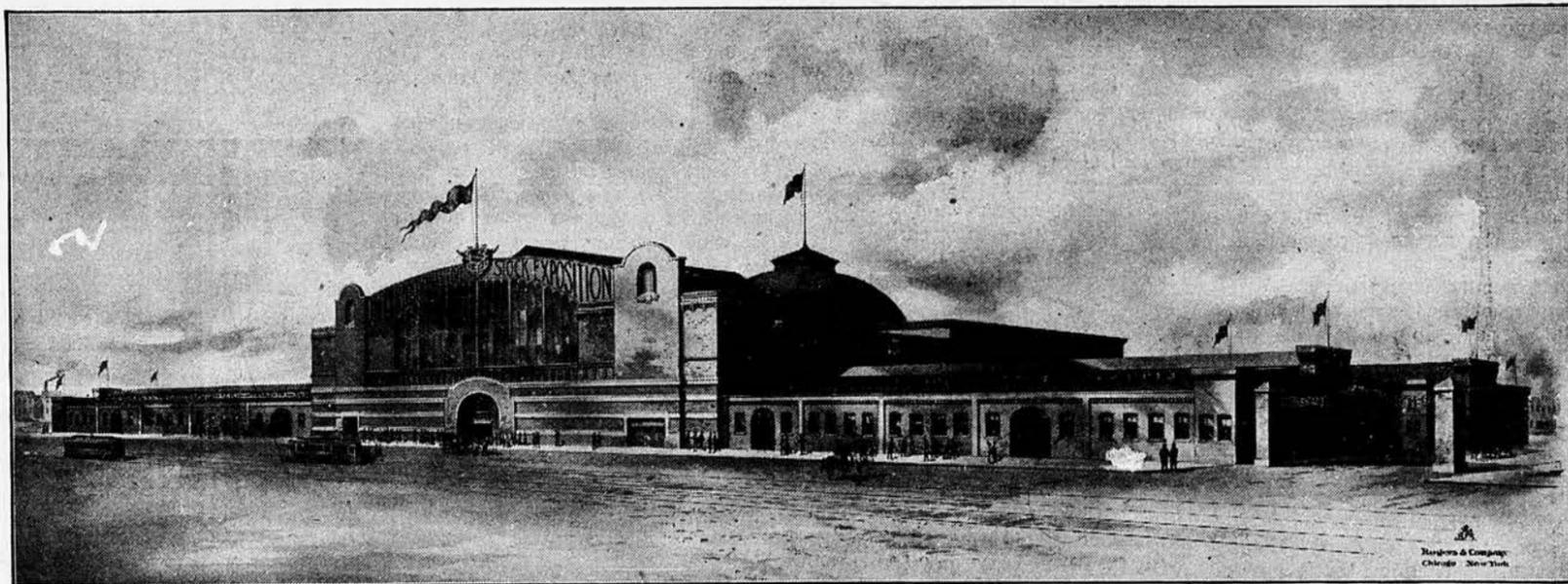
Friday, November 10.
Breeders' Combination Sale, Wichita, Kans., Shorthorns.
W. H. Ranson, H. E. Bachelder, Wichita, Shorthorns.

Saturday, November 11.
Breeders' Combination Sale, Blackwell, Okla., Herefords and Shorthorns.

the premises. One may hunt on his own land without a license, but some law officers hold that he can not give legal permission for any one else to hunt protected game anywhere.

BARN PLANS—WATER.

EDITOR KANSAS FARMER:—Please tell me in an early issue of the KANSAS FARMER how you would build a barn



THE NEW HOME OF THE INTERNATIONAL LIVE STOCK EXPOSITION.

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are recorded in previous volumes, indexes to breeders, owners and animals, rules of entry, etc. The book is sent free to members, or to non-members for \$1.

A big financial concern which had figured on furnishing money to move a considerable portion of the Kansas wheat crop reports that owing to the plentiful supply of money in the Kansas banks the business has been very much smaller than was expected.

The Funk brothers, whose great seed farms are near Bloomington, Ills., conducted a plowing match at their farms October 16. Several contests were arranged with prizes of \$20, \$10

very active form in which it appears that the contest is beer vs. patent medicines. A large proportion of the ready-made medicines have alcohol in greater or less proportion. An experiment is reported in which it is shown that beer contained less alcohol per spoonful than was found in certain medicines. It is notable that a page advertisement of a certain brand of beer was placed opposite to the account of the experiment.

Secretary W. E. Skinner of the International Live Stock Exposition writes as follows: "The International Live Stock Exposition is postponed until the week of December 16 to 23 through the inability of the builders of the new Amphitheater to secure the

vide themselves with tables of numbers and their cube roots. Such tables are found in engineers' hand-books and in other publications.

HUNTING PRIVILEGES.

EDITOR KANSAS FARMER:—I would like to know through your paper if a man must have a license to hunt rabbits, wolves or any unprotected game, providing he gets a written permit from his neighbors to hunt? Also, does a man have a right to hunt on his own land without a license?

A SUBSCRIBER.

Washington County.
No license is required for hunting unprotected game with the consent of the owner or the person who occupies

large enough to hold at least 250 tons of alfalfa hay. I would like at least twelve stalls and two bins for grain. I would like the barn arranged so I can feed this hay to horses, cattle, sheep, and hogs in or near the barn. Would you advise baling this amount of hay? I must dig or drill for water, but about 125 yards from where I expect to build, water can be had at small expense. Would you advise getting the water from this place? If so, in what way? I shall be very much obliged for any information. DEWITTE ADAMS.

Wilson County.

The editor hoped to find time to draw plans for a barn suited to this correspondent's needs. In this he has

(Continued on page 1110)

Agriculture

About Southwest Kansas.

EDITOR KANSAS FARMER:—Could you enlighten me concerning Haskell County in the southwestern part of Kansas?

I would like to know why such a beautiful county was depopulated after being settled once? Can a person get good titles to land there? Was it homestead or railroad land at an earlier date? Anything you can enlighten us on about Haskell County would make us your debtor. My husband has received your paper, the KANSAS FARMER, for six or seven years, so I thought this would be the right place to get the information that I want. If it is not, maybe you could let me know where I can get it as I am in a hurry to know about it.

Marion County. LOUISA M. DALKE.

To explain why Haskell and several other Western Kansas counties were almost depopulated after being settled, is rather a long story. The settlers from Eastern States rushed into these counties, found the soil to be of unsurpassed fertility, the grass growing beautifully and the land agents confident in their statement that the rainfall follows the plow. These good settlers undertook to farm as they did back East. The rainfall did not follow the plow any more than it had preceded it. Crops failed to respond to Eastern methods of farming, the people had little money, but there was a great rush among Eastern money-lenders to place money on Kansas land. These new settlers were assured that they could bridge over an unprecedented crop failure which would not likely be repeated, by borrowing money on their lands. This put a mortgage on almost every piece of land in that section of the State. Eastern methods of farming continued to fail of results; interest payments came due and could not be met; foreclosure proceedings followed, and there was nothing left for the people to do but to get out. This most of them did. The few who had acquired some considerable numbers of cattle and other grazing stock and had learned the principles of Western farming and how it must be done to succeed, prospered very well and some of them have become wealthy.

As to titles, it would be necessary to take every precaution because of complications growing out of foreclosures and some fraudulent transactions which have occurred.

In about one-fourth of Haskell County, lying in the northeasterly portion, the Santa Fe Railroad grant covered every odd numbered section.

That part of the State has lately come into considerable prominence on account of the success of recent wheat crops. It is thought by some that the introduction of Macaroni wheat will still further add to the prosperity of that region. Any one, however, who goes to that county to settle, should remember that the system of farming which succeeds in moister climates is not adapted to that section, should carefully learn everything that the old settlers know about farming, and should arrange to have cows enough to materially assist in the living.

Practical Questions on Farm Management.

L. A. DOANE.

(Continued from last week.)

F. G. Frellick.—I prefer the draft type of a horse of the smaller breeds. We have lots of red clay here, so we must have heavy horses. Drafters are most profitable here, but foundation stock is scarce.

W. C. Bailey.—We keep six horses—four of them 1,600-pound mares that raise us colts nearly every year, one team 1200-pound horses for road work and light farm work.

Renk Bros.—For farm work and not for sale, I prefer the American trotter, with as much size as possible. They are handy at turning, stand the heat and do not tire so easy in loose

footing (as spring work). Should weigh from 1200 to 1400 pounds if possible.

F. H. Scribner.—We find that horses weighing 1400 pounds, well put up, are the most profitable as they are suitable for road work as well as for farm work.

David Imrie.—High-grade Percherons weighing 1,400 to 1,700 pounds.

A. B. Hicken.—I use ordinary farm stock valued from \$100 to \$150.

15. Do you buy your work-horses or do you raise them?

Ans.—Five, raise them; two, buy; one does both.

Geo. Hanchett.—Have bought most of them; will raise in the future.

F. G. Frellick.—We have raised ours, but will have to abandon it because we do not have the mares of weight, substance, and quality. We must buy more good draft mares.

Renk Bros.—Raise most of them and buy some on speculation, mostly good draft colts.

16. What is your method of handling and caring for your work-horses?

F. G. Frellick.—The care our horses get is this, as regards feeding: Water first thing in the morning, feed hay while they are being curried, after this they are given their grain. The heaviest feed is given at night. I keep them shod in front the year around, and reshoe every four to six weeks.

Renk Bros.—Give all the water they want when unhitched from the field if not too warm (which is rarely the case). Let them stand twenty to thirty minutes and eat hay, then feed grain. Nights, we turn out on good clover pasture and get them up in the morning. Usually they are on hand for breakfast without going out after them. This keeps the horses clean and healthy, both body and feet. Give the horse the heaviest grain feed at night; also hay. No hay during the day, except a few minutes at noon, and you will never have a heavy horse. Grind feed for horses when working very hard, give a little oil-meal and corn night and morning, with oats for variety. (One or two table-spoonfuls of oil-meal and four to six ears of corn to a feed.)

F. H. Scribner.—Horses, like men, must be used in reasonable hours. I can accomplish more in eight hours with a team that has some snap than my neighbor's who drag along twelve to fourteen hours a day. The horses are fed the first thing in the morning, usually four quarts of oats and what hay they will clean up, and the same noon and night.

David Imrie.—They are fed clover hay night and morning and oats three times a day, with a little corn in winter. When not at work they are turned out to pasture, and groomed night and morning.

A. B. Hicken.—Water first thing in the morning, then fed hay and grain, also follow same plan noon and evening. I do not water in middle of forenoon. In winter, when I do not work horses, I feed a good deal of fodder-corn.

17. Do you keep well-bred stock? Why?

Ans.—One, no; seven, yes. Geo. C. Hill.—Yes; greater profit and greater pleasure.

F. G. Frellick.—We do not keep well-bred stock, but I have learned the advantage of better breeding at Madison, Wis., where I took the short course in agriculture.

W. C. Bradley (breeder of pure-bred hogs).—Yes, because I like them better than scrubs or grades. I am not sure that there is any more money in them for me than in grades, for they take so much work in keeping up records, keeping them apart, tagging and marking them, crating and delivering them one at a time, advertising, etc. But I like it and keep at it.

18. If you make a specialty of any of the following, describe your system of managing: Dairying, cattle, seed breeding, horses, hogs, sheep, poultry, fruit farm, truck farm.

Geo. Hanchett.—We make a specialty of small fruits, devoting fifty acres to their culture. Our stock farm is carried on principally as a means of

supplying fertilizers to small fruit farms, or we prefer to buy bran and feed milch cows to buying fertilizers. We aim to have soil well supplied with humus before planting, and find clover most satisfactory for this. We raise our own plants for setting, from plants selected for their vigor and fruitfulness. I give thorough cultivation and winter covering. Employ only reliable help. The harvest is a critical time and requires well-regulated, systematic work. One overseer has general charge of the packing force and has as many assistants as the size of the crew requires. Each picker has a number, and each row picked has this number placed at the end so that the overseer can examine it as opportunity offers, and know who is responsible for the thoroughness of the work. Picker accounts are kept by means of tally-cards. It is also necessary to keep in touch with all markets within reach by wire at this time; systematic distribution is very necessary to avoid overloading the market.

F. G. Frellick.—Dairying is our specialty. We practice partial soiling in summer and begin feeding green corn from September until the crop is ready for harvesting as fodder. Milk is worked into cheese. We sow oats and peas for soiling.

Renk Bros.—Sheep. In the fall of the year we try to have our sheep in very good condition. Usually have some rape for them to feed upon. We think that rape is the cheapest feed for sheep there is. If in good condition, for two reasons, they winter better and keep healthier, and if gaining quite rapidly just before breeding time we expect a larger per cent of twins. We are very particular in selecting sires to secure the best, as the sire is half of the entire flock. We have paid as high as \$50, \$80, and \$100 for our rams. We usually divide our breeding sheep into two or three flocks at breeding time so as to breed about seventy-five head to a ram. Usually turn the best rams in only an hour every day. This makes it easier on the ram than if allowed to run with the flock, and the ewes get in lamb just as fast. We feed our rams a little oats twice a day.

During the winter we like to have our sheep take lots of exercise, so have a large yard for them to run in. Arrange to have feed at each end of the lot so they will run back and forth as much as possible. We keep good water and salt before them at all times. We like to feed large quantities of roughage and hardly any corn. Feed some oats and bran and silage as lambing time approaches. Good clover hay makes a balanced ration for feeding ewes in forepart of winter. Later on, feed a little grain with clover. Most of our lambs drop in March, so by the time spring begins the lambing season is over. Early lambs make larger lambs to show and sell. We like to keep our sheep in small flocks and change pasture often. Usually fatten our lambs on rape and ship them to Chicago—that is, what are not kept for breeding-purposes.

David Imrie.—Care of horses. Brood mares are worked lightly up to foaling time, and some while colts are sucking, but not much. Cattle: We milk some cows and calves suck some. We are not dairying. We feed steers winter, in yard and barn. Hogs: We raise for pork, also breeding stock. As to our method of care and feeding, you will find it described very fully in our next Farmers' Institute Bulletin.

F. H. Scribner.—Dairying is our specialty. I keep the pure-bred Jerseys, get the best sires I can find and keep calves from best cows, and the way we find out best cows is to weigh milk every day in year and apply the Babcock test. Feed liberally of silage every day in year and discard the unprofitable cows.

Geo. C. Hill.—We have a contract for cream in Milwaukee to a wholesale dealer, who takes what we have, be it little or much. We have cows fresh all seasons of the year, except June to September 1. Silage, clover hay and bran form the bulk of their feed in winter, and bran, silage and

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Box 101, Atlanta, Ga.

pasture in summer. We aim to have a piece of red clover and timothy for pasture in addition to the permanent blue-grass and white-clover pasture.

19. What is your method of keeping accounts with farm household?

W. C. Bradley.—Give my wife all the money she wants and charge to expense account.

Geo. C. Hill.—Keep a record of all money expended for household, but keep no record of what we use from farm and garden, except milk.

Renk Bros.—Book everything that is paid out or taken in.

David Imrie.—Keep account of only our grocery and butcher's bills.

A. B. Hicken.—We use the double-entry system.

20. Was your early training such as to prepare you for keeping careful business accounts?

Ans.—Four, no; two, yes.

A. B. Hicken.—Not at home, but I took a course in bookkeeping while at college.

21. Are your children being trained to keep records and accounts of their work and expenditures?

Ans.—One, no.

W. C. Bradley.—Not yet, but will be later.

Renk Bros.—Have no children.

22. Should system in farming and the keeping of crop records and business accounts be emphasized as practicable and profitable on the average farm?

Ans.—Four, yes.

F. G. Frelick.—Yes; it may be profitable if it does not involve too much work, but keeping accounts in a simple order will prove instructive in later years.

Geo. Hanchett.—Most emphatically, yes.

Renk Bros.—Yes, by all means.

Geo. C. Hill.—My opinion is that it would not pay to keep a full set of books, or accounts with fields, except occasionally.

ANSWERS FROM DAKOTA FARMERS.

1. What line of farming are you engaged in?

Ans.—One, stock raising; two, general.

Preston Farm Co.—We are engaged in farming over four thousand acres, our principle crop is wheat, but we raise corn, oats, millet, and potatoes, and we keep a lot of pigs, besides two or three hundred head of steers.

Lewis Pond.—Diversified farming, bearing in mind that pure seed and careful plowing of the land are essentials that cannot be slighted if a fair crop is desired; that scrub seed and scrub stock makes scrub farming.

2. Do you take an inventory of your property each year so that you may know the value of your investment and your annual profit or loss?

Ans.—Four, yes.

3. Do you keep careful accounts of all business transactions?

Ans.—Three, yes.

4. Do you keep daily records?

Ans.—One, no; two, yes.

5. Do you keep an account with each field or crop and with each department of your farming business?

Ans.—One, yes.

Preston Farming Co.—We keep accounts with departments of our farming business and with crops, but not with feed.

6. Describe your system of keeping farm accounts.

Massingham & Cosgrove.—Double-entry bookkeeping.

Gould Farm.—I keep a ten-column journal-ledger and time-book.

7. Do you prefer married or single men as farm hands?

Ans.—One preferred single men.

Lewis Pond.—Farm hands are our worst drawback. They are hard to get and harder to keep.

Gould Farm.—Single men. Married men should have farms of their own.

8. What is your method of handling hired help?

Massingham & Cosgrove.—Strict rules for rising and regular hours for work.

Lewis Pond.—Following the teachings of the "Golden Rule."

The Gould Farm.—Hire them for fair wages, treat them as men, bind them to no contracts, and expect a rea-

sonable amount of work in return.

9. What is your method of handling and caring for farm machinery?

Preston Farming Co.—All farm machinery is housed in a good machinery hall, except at the time it is used and a few days previous to that time while we are putting it in order.

10. What per cent do you allow each year for the depreciation in value of farm machinery?

Ans.—Two, ten per cent; one, fifteen per cent.

11. Do you practice a definite system of crop rotation? What is your plan?

Preston Farming Co.—We can not practice a definite system of crop rotation, but have three crops of wheat, then usually seed to barley or oats, then to timothy, and run that for two crops of hay and one of pasture; then we break it up again and start in with wheat, oats, or barley, then put the land into corn, potatoes, or millet, and the following year return to wheat again.

12. Do you feed the crops on the farm, or sell and remove them from the farm?

Ans.—Two, feed; two, both sell and feed.

13. What is your method of saving and handling manure?

Massingham & Cosgrove.—We take everything from corrals and stables direct to fields and spread the same from wagons.

Lewis Pond.—"The manure pile is the farmer's gold-mine," and should be judiciously cared for. Our soil is very rich, but the farm cannot be drawn upon forever without some return being made in the shape of home-made fertilizers, mainly for the sake of humus as a conservator of moisture.

The live stock are well bedded, the horses and young stock have their stalls cleaned twice a week, when the bedding has absorbed all the liquids.

The manure is hauled directly onto the field and evenly distributed, but not too thickly, as it might leave the ground too loose, and the field is seeded to millet for hay. Straw for bedding being plenty, the cattle go loose in a part of the barn, thirty by eighty-four feet, which is cleaned once a month and the manure hauled directly to the field, thus no loss of phosphates or ammonia takes place, and the hauling twice of heavy manure is avoided.

14. What kind or quality of horses do you find profitable to keep for farm work?

Massingham & Cosgrove.—Breed large ones—Clydes or Percherons.

Preston Farming Co.—We use French Percheron horses, or rather a good grade of that breed. One-third of our work stock is mules.

15. Do you buy your work horses or do you raise them?

Ans.—Three, raise them; one, buy them.

Lewis Pond.—Raise them and you get kind, gentle horses.

16. What is your method of handling and caring for your work-horses?

Preston Farming Co.—Our work-horses occupy one large barn or stable, which will accommodate seventy-two head. During summer months they are worked nearly every day; during December, January, February and March they run loose in the barn lot, as we have but little to do and one or two teams will do the work in winter.

17. Do you keep well-bred stock? Why?

Ans.—Three, yes.

Preston Farming Co.—We keep as much well-bred stock as possible, as they are the best and most profitable.

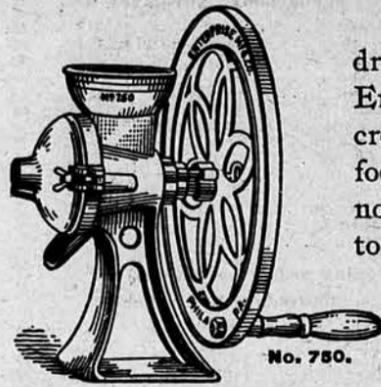
18. If you make a specialty of any of the following, describe your system of managing: Dairying, cattle, seed breeding, horses, hogs, sheep, poultry, nursery, fruit farm, truck farm.

Massingham & Cosgrove.—Only registered Herfords.

Lewis Pond.—Live stock. Stock should not be unduly exposed; must be kept growing and well fed. A stingy feeder cheats himself.

Gould Farm.—Dairying: We have the Red Polled cattle, keep a separator, sell our cream, raise our calves

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You can put a few cents' worth of dry bone, old shells or corn into an Enterprise Bone Mill, and it will increase in value tenfold. There's no food so good for poultry as a variety, nor a way to save money so easily as to grind your own poultry food, using

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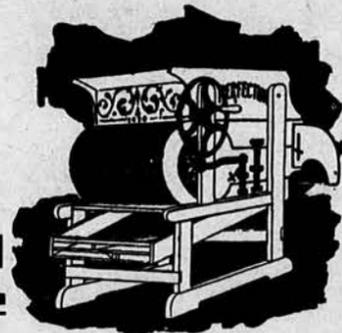
Bone, Shell and Corn Mills

These mills are good general mills for all farmers and poultrymen, being strong, compact, made of excellent material. Especially adapted to grinding dry bones, shells, corn, roots, bark, grain, chicken feed, etc. Bone meal fertilizer can be made with them. Capacity 1-4 bushels of corn per hour. Weight 60 lbs. Mill shown in cut \$8.50. Other mills \$6 and up. Look for the name "Enterprise." Full information on request.

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

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

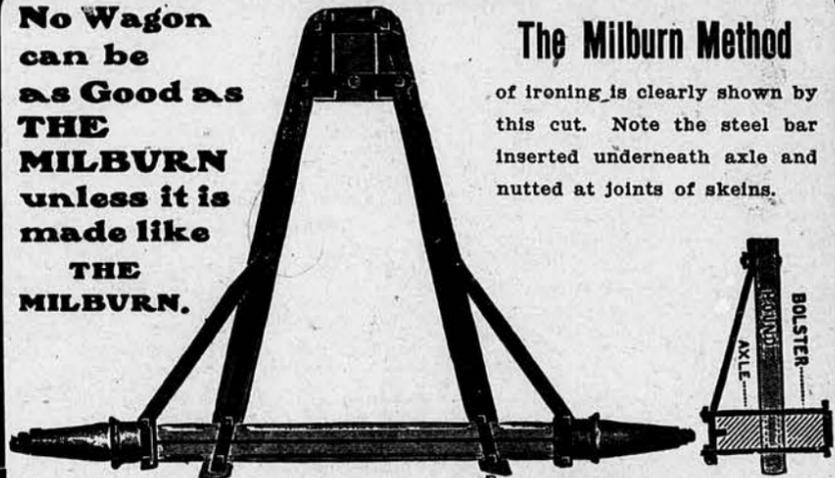
Write to-day for prices and circulars. Samples of cleaned seed also sent if you will state the kind of grain you raise.

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

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

The Milburn Method

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



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

ROCK ISLAND IMPLEMENT COMPANY, Kansas City, Mo.

WESTERN WHEAT LANDS

10,000 acres in Hodgeman county, Kan., in solid adjoining sections. As much or as little of it as you wish at \$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 \$550 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 SELLERS, 425 KANSAS AVE. (OPPOSITE POST OFFICE) TOPEKA, KAN.

on skim-milk, excepting bull calves which run with the cows that raise two to four calves each season, that is, we buy or put calves from other cows with them; the first two suck four months, next two until about two month of fresh time. We do no seed breeding; leave that for the Agricultural College. Hogs: We raise the large-boned Berkshires, raise two litters annually, have green annual crops for them, such as Canada peas, rape, barley, oats, corn, mangles, etc., keep in separate lots, and feed some grain until fattening time or at the age of about seven months, when we force them with all the corn, oats, barley, and mangles they will eat. Feed all ground feed, dry, with all the fresh water they want before feeding. We just started in the sheep line with fifty Shropshires. Know very little about them. We raise the "Farmer's Hen," the Barred Plymouth Rock; breed these straight; change cock every year. Raise some berries, etc., but none to sell. Also have a fine garden.

19. What is your method of keeping accounts with the farm household? Massingham & Cosgrove. — Keep debit and credit account of every article used.

Gould Farm.—Keep a household account in ledger and charge all domestic help and provisions to that account.

20. Was your early training such as to prepare you for keeping careful business accounts? Ans.—One, no; one, yes.

21. Are your children being trained to keep records and accounts of their work and expenditures? Gould Farm.—Certainly will be when they are old enough.

22. Should system in farming and the keeping of crop records and business accounts be emphasized as practicable and profitable on the average farm? Ans.—Three, yes.

Preston Farming Co.—We think that system in farming is as essential as in any other business, and advise all farmers to keep a careful record and a set of books, and we believe that a man will find it much more profitable to have a system and plan his work than anything else he can do.

(Concluded next week.)

On the Rock Island.

Through the courtesy of the Rock Island railway officials the work of the Kansas State Agricultural College and Experiment Station in wheat and corn improvement is to be brought before all the people along their lines. This train is to cover the entire lines of the Rock Island System in Kansas, stopping thirty minutes at each station. There will be two coaches arranged for audience rooms, in one of which will be given a talk on wheat-raising and in the other, corn. It is requested that everybody interested in raising more and better wheat and corn be prompt at the hour named in the following schedules. No farmer can afford to miss this opportunity. It will not take long to drive to your nearest railroad station, listen to a thirty-minute lecture and return home. Remember the special train will run regardless of weather. The evening sessions will begin at 8 o'clock.

Monday, November 6.

	Central time.	Arrive.	Leave.
Caldwell	9:00 a. m.	9:30 a. m.	
Corbin	9:45	10:15	
Perth	10:25	10:55	
Wellington	11:15	11:45	
Riverdale	12:00 m.	12:30 p. m.	
Zyba	12:40 p. m.	1:10	
Peck	1:15	1:45	
Haysville	2:00	2:30	
Wichita	2:50	3:20	
Kechl	3:35	4:05	
Furley	4:15	4:45	
Whitewater	5:00	5:30	
Ebbing	5:40	6:10	
Peabody	6:25		

Evening session at Peabody.

Tuesday, November 7.

Peabody	8:45 a. m.	9:30
Aulne	9:00 a. m.	9:30
Marion	9:45	10:15
Antelope	10:25	10:55
Lincolnville	11:00	11:30
Lost Springs	11:40	12:10 p. m.
Herrington	12:25 p. m.	1:00
Woodbine	1:20	1:50
Pearl	2:00	2:30
Enterprise	2:45	3:15
Abeline	3:25	3:55
Solomon	4:10	4:40

New Cambria	4:55	5:25
Salina	5:40	5:55
Evening session at Salina.		
Wednesday, November 8.		
Herrington	8:40 a. m.	9:30
Ramona	9:00 a. m.	9:30
Tampa	9:45	10:15
Durham	10:25	10:55
Waldeck	11:03	11:35
Canton	11:50	12:20 p. m.
Galva	12:35 p. m.	1:05
McPherson	1:20	1:50
Groveland	2:05	2:35
Inman	2:45	3:15
Medora	3:25	3:55
Hutchinson	4:15	4:45
Partridge	5:05	5:35
Arlington	5:50	6:20
Turon	6:35	6:55
Evening session at Turon.		

Thursday, November 9.

Liberal	9:00 a. m.	9:30 a. m.
Hayne	9:45	10:15
Arkalon	10:30	11:00
Kismet	11:15	11:45
Plains	12:00 m.	12:30 p. m.
Jasper	12:45 p. m.	1:15
Meade	1:25	1:55
Fowler	2:15	2:45
Mincola	3:10	3:40
Bloom	3:55	4:25
Kingsdown	4:40	5:10
Bucklin	5:25	5:55
Dodge City	6:55	7:25
Evening session at Dodge City.		

Friday, November 10.

Dodge City	8:40 a. m.	9:30
Wilroads	9:00 a. m.	9:30
Ford	9:50	10:20
Mullinsville	10:50	11:20
Greensburg	11:40	12:10 p. m.
Brenham	12:20 p. m.	12:50
Haviland	1:05	1:35
Wellsford	1:45	2:15
Cullison	2:30	3:00
Pratt	3:15	3:45
Natrona	4:00	4:30
Topeka	4:50	5:20

Saturday, November 11.

Herrington	8:40 a. m.	9:30
Latimer	9:00 a. m.	9:30
White City	9:45	10:15
Dwight	10:30	11:00
Alta Vista	11:15	11:45
Volland	12:00 m.	12:30 p. m.
Alma	12:45 p. m.	1:15
Paxico	1:30	2:00
Vera	2:10	2:40
Maple Hill	2:50	3:20
Willard	3:30	4:00
Valencia	4:10	4:40
Bishop	4:50	5:20
Topeka	5:35	6:05

Monday, November 13.

Belleville	8:40 a. m.	9:30
Cuba	9:00 a. m.	9:30
Agenda	9:40	10:10
Clyde	10:30	11:00
Clifton	11:15	11:45
Morganville	12:00 m.	12:30 p. m.
Clay Center	12:50 p. m.	1:20
Broughton	1:35	2:05
Bala	2:15	2:45
Riley	3:00	3:30
Keats	4:45	5:15
Zeandale	5:25	5:55
Wabausee	6:15	6:45
McFarland	6:55	7:25
Evening session at McFarland.		

Tuesday, November 14.

Topeka	8:40 a. m.	9:30
Elmont	9:00 a. m.	9:30
Hoyt	9:45	10:15
Mayetta	10:30	11:00
Holton	11:15	11:45
Straight Creek	12:00 m.	12:30 p. m.
Pierce Junction	1:35	2:05
Purcell	2:15	2:45
Denton	2:55	3:25
Bendena	3:35	4:05
Troy	4:15	4:45
Wathena	5:00	5:30
Returning to Horton, reaching there not later than 7:30 p. m. for evening meeting.		

Wednesday, November 15.

Horton	8:40 a. m.	9:30
Germantown	9:00	9:30
Powhattan	9:40	10:10
Fairview	10:30	11:00
Sabetha	11:15	11:45
Berwick	12:05	12:35 p. m.
Berne	12:45 p. m.	1:15
Mahaska	4:00	4:30
Narka	4:40	5:10
Munden	5:25	5:55
Belleville	6:10	6:40
Evening session at Belleville.		

Thursday, November 16.

Belleville	8:45 a. m.	9:30
Rydal	9:00 a. m.	9:30
Scandia	9:40	10:10
Courtland	10:25	10:55
Formosa	11:10	11:40
Montrose	11:50	12:20 p. m.
Mankato	12:35 p. m.	1:05
Otego	1:25	1:55
Esbon	2:05	2:35
Lebanan	2:50	3:20
Bellaire	3:35	4:05
Smith Center	4:20	4:50
Athol	5:05	5:35
Phillipsburg	6:15	6:45
Evening session at Phillipsburg.		

Friday, November 17.

	Mountain time.	
Goodland	8:30 a. m.	9:00 a. m.
Edson	9:15	9:45
Brewster	10:05	10:35
Levant	10:55	11:25
Colby	11:45	12:15 p. m.
Gem	12:30 p. m.	1:00
Rexford	1:20	1:50
Selden	2:10	2:40
Dresden	3:00	3:30
Jennings	3:50	4:20
Clayton	4:35	5:05
Dellvale	5:25	5:55
Norton	6:15	6:45
Evening session at Norton.		

Saturday, November 18.

Norton	8:40 a. m.	9:30
Calvert	9:00 a. m.	9:30
Almena	9:40	10:10
Prairie View	10:30	11:00
Stuttgart	11:20	11:50
Central time.		
Gretna	1:30 p. m.	2:00 p. m.
Agra	2:15	2:45
Kensington	3:00	3:30

The Stock Interest

THOROUGH-BRED STOCK SALES

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

November 6, 1905—J. F. Laing, McLouth, Kans., Poland-Chinas.

Nov. 8, 1905—John Bollin and Gus Aaron, Leavenworth, Kans., Poland-Chinas.

November 9, 1905—Will H. Rhodes, Phillipsburg, Kans., Hereford cattle.

Nov. 9 and 10, 1905—Poland-Chinas, Duroc-Jerseys, Shorthorns and Herefords at Wichita, Kans. H. E. Bachelder, manager, Fredonia, Kans.

November 11, 1905—Shorthorns and Herefords at Blackwell, Okla. J. P. Cornelius, manager, Braman, Okla.

Nov. 14, 1905—S. H. Lenhart, Hope, Kansas Poland-Chinas.

November 14, 1905—S. H. Lenhart, Hope, Kans., Poland-Chinas hogs.

Nov. 15, 1905—S. H. Lenhart, Dispersion Sale of Shorthorns.

November 15, 1905—300 bred Shropshire ewes. Geo. Allen, Kansas City, Mo.

November 16, 1905—E. A. Smith, Lawrence, Kans., dispersion Standard-bred trotting stock.

Nov. 16-18, 1905—Registered stock at Arkansas City, Kans. by the Improved Stock Breeders' Association of the Wheat Belt. Chas. M. Johnston, Sec'y, Caldwell, Kans.

Nov. 22, 1905—Poland-Chinas at Anthony, Kans. C. O. Parsons, Mgr., Clearwater, Kans.

Nov. 22, 1905, Aberdeen-Angus combination sale at Kansas City, Mo. Berry Lucas, Hamilton, Mo., manager.

Nov. 23, 1905—Shorthorns at Anthony, Kans. H. M. Harrington, Mgr., Clearwater, Kans.

Nov. 24, 1905—W. R. Peacock, Sedgwick, Kans., Poland-Chinas.

Nov. 25, 1905—Dietrich & Spaulding, Ottawa, Kans., 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.

December 5, 1905—Nathan Brooks and others, Burden, Kans., Shorthorn cattle.

December 6, 1905—Marshall Bros., and J. F. Stodder, Burden, Kans., Duroc-Jerseys.

December 7, 1905—Marshall Bros., and Harry E. Lunt, Burden, Kans., Poland-Chinas.

December 7, 1905—American Aberdeen-Angus Breeders' Association, Aberdeen-Angus, Chicago, Ill., W. C. McGavock, Manager.

Dec. 8, 1905—American Galloway Breeders' Association sale, Chicago, Ill.

Dec. 8 and 9, 1905—Poland-Chinas, Duroc-Jerseys, Shorthorns and Herefords 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.

December 15, 1905—S. H. Lenhart, Hope, Kans., dispersion sale of Shorthorn cattle.

December 21, 1905—Poland-Chinas. A. P. Wright, Valley Center, Kans.

Dec. 21, 1905—J. R. Young, Richards, Mo., Poland-Chinas.

Jan. 17, 1906—Poland-China bred sows, H. E. Lunt Burden, Kans.

Jan. 18, 1906—Poland-China bred sows, Marshall Bros., Burden, Kans.

Jan. 18, 1906—Duroc-Jersey bred sows, Marshall Bros., Burden, 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, 1905—M. S. Babcock, Nortonville, Kans., Poland-Chinas.

February 21-23, 1906—Percherons, Shorthorns, Herefords at Wichita, Kans. J. C. Robison, Manager, Towanda, Kans.

Feb. 24, 1906—Poland-Chinas at Wichita, Kans by H. E. Lunt, Burden, Kans.

Live Stock Associations Merged.

The following signed statement of F. J. Hagenbarth, president of the National Live Stock Association, and Murdo Mackenzie, president of the American Stock Growers' Association, is given out:

The executive committee respectively of the National Live Stock Association and the American Stock Growers' Association to-day agreed upon a consolidation of the two associations, subject to the ratification of the respective associations in joint annual convention, to be held at Denver, beginning January 30, 1906, the call of which has been duly noticed in the press. The two associations will be consolidated into one great live-stock organization, to represent the entire live-stock producing interests of the country, on the following basis:

1. The membership to consist of live-stock producing and maturing interests of the country.
2. The constitution and by-laws of the American Stock Growers' Association, modified so as to admit to membership associations of live-stock producers, as well as individuals, to be made the basis.
3. One strong central committee, appointed by the association thus formed, to carry on the business of the association.
4. The association to cooperate with all allied interests through such sub-committees as may be appointed by the executive committee, whenever and wherever the interests of said association and such allied interests are mutual.
5. The objects of the organization thus formed will be, to represent the live-stock interests in all matters of general and public importance, and to conserve the interests, protect the rights, and to redress the wrongs of each and all of its members.

PINK EYE CURE
FOR HORSES AND CATTLE

Sure relief for Pink Eye, foreign irritating substances, clears the eyes of Horses and Cattle when quite milky. Sent prepaid for the price, \$1.

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Elmdale, Kansas.

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Farmers' Portable Elevators

will elevate both small grain and ear corn. For prices and circulars, address

NORA SPRINGS MFG. COMPANY
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MACHINE OIL
\$3.50 A BARREL

You will find it a better machine oil than anything you have been buying for 35 cents to 45 cents per gallon. Premium Oil is a natural oil, greenish black in color. There is no made oil that is superior to Premium Oil for engines, shafting, shops, elevators, thrashing machines and farm machinery. It will not GUM, has good body, is not affected by hot and cold weather as most oils are. If a farmer, you say you won't need as much as a barrel. Get your neighbor to take half of it. But remember \$3.50 for a 50-gallon barrel, and the empty barrel is worth at least one dollar; gives you oil at less than 6 cents per gallon at your railroad station. If within 800 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. Dalley & Co. to T. C. Davis, who will hereafter conduct the business in his name.
Signed, **K. C. DAILEY.**

BOWSER SWEEP MILLS

Different from all others. Grind Corn with shucks or without. Kaff. r in the head and all kinds small grain. 4 and 2 horse sizes. Geared 10 to 1 or 7 to 1. (Also make 7 sizes belt mills.)
C. F. BOWSER CO., SOUTH BEND, IND.

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for fine, free 64 page booklet on Puget Sound farming

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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	\$6.50

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

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Cures deep seated Coughs and Colds, Croup and all Bronchial Troubles. \$1.00, 50c, and 25c. per bottle.

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Brooks' Appliance. New discovery. Wonderful. No obnoxious springs or pads. Automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lymphol. No ties. Durable, cheap. Pat. Sept. 10, 1901. SENT ON TRIAL. CATALOGUE FREE.
BROOKS APPLIANCE CO., Box 189, MARSHALL, MISSOURI.

An Open Letter to the Farmers and Stockmen of the United States.

EDITOR KANSAS FARMER:—As Chairman of the Committee of Arrangements for the National Reciprocity Conference held at Chicago, August 16 and 17, I am in receipt of many inquiries from farmers and stockmen as to why this matter assumes such prominence at this time and as to the attitude the producing classes ought to assume in reference to this new movement, and as the readiest means of making brief reply to such questions I submit the following statement:

In the first place, agriculture is the underlying basis of all American prosperity. When the farmer prospers every other legitimate industrial enterprise enjoys prosperity. The measure of the farmer's profit is the price commanded by his surplus product. In normal crop years a market has to be found for an enormous quantity of grain and provisions beyond the needs of domestic consumption. This huge surplus has to be sold abroad. Hence the cultivation and safeguarding of our European outlet becomes one of the first duties of our Government.

What brings the matter up in such urgent form at this particular time? The answer is that important changes have recently taken place, or are about to take place, in the tariff systems of nearly all of the Nations of Continental Europe which have adopted, or have now under contemplation the adoption of high protective tariff duties on imports. Moreover, Germany

per cent in 1901 in retaliation for the countervailing duty imposed by the United States on Russian sugar, and has now adopted a maximum tariff which increases these retaliatory rates of duty, and which will no doubt entirely check our export trade with that country. France, after the passage of the McKinley act, adopted a high, protective, maximum tariff and a minimum tariff with the result that during the last six years our exports to France have shown no increase except in a few limited articles on which France gave the United States reductions in duties in exchange for certain slight reductions granted by the United States under Section 3 of the Dingley Act, and it is noteworthy that our exports to France covered by this reciprocal arrangement have increased from 1898 to 1903 by 46 per cent. Italy granted us a reduction under her minimum tariff on a limited number of exports with the same result as in the case of France, namely, that our exports of the few articles on which Italy grants us her minimum rates have shown a very large increase, whereas our exports of such articles as are subject to the maximum rates have not increased materially. In Switzerland, which Republic has always been a good customer to the United States, we shall be subjected to the maximum rates of duty under the new Swiss tariff, shortly to be put in force.

It appears, therefore, that President McKinley spoke with prophetic vision at Buffalo when he said:



SUTTON'S DODDIES.

First Prize Carlot Aberdeen-Angus Steers at American Royal; Bred and Exhibited by Chas. E. Sutton, Russell, Kans.

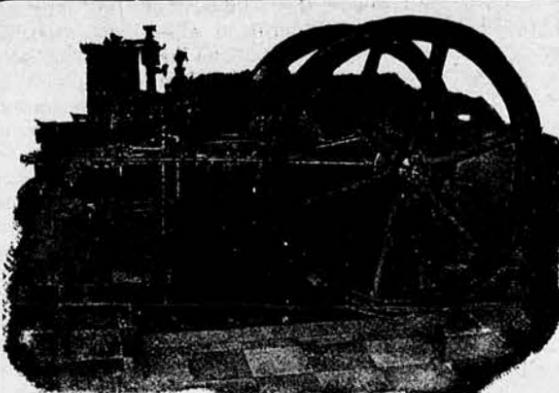
and France have already adopted a dual tariff system under which a maximum or general tariff is put upon all ordinary imports and a minimum, separate or conventional tariff is applied to such Nations as will enter into reciprocal trade relations; the difference between these two rates of duty running from 15 to 75 per cent. That the application of the maximum rate to American wheat, corn, rye, oats, barley, butter, cheese, eggs, flour, pork, lard, beef, cattle, horses, sheep, swine, fruits, etc., will have a disastrous effect upon the Continental market for our farm products is so self-evident that even he who runs may read.

The new tariff system of Germany, which goes into effect during the first half of the year 1906, not only doubles many of the rates of duty upon our chief articles of export, but also by the reciprocal treaties entered into by Germany with a number of European Nations will place us at a still greater disadvantage. The same condition will soon meet us in Austro-Hungary, where the proposed new tariff is expected shortly to be adopted. As an instance of the blighting effect of these new high tariff rates of duty upon exports from the United States it is sufficient to mention the article of cottonseed oil, the duty upon which will be quadrupled, which will destroy our cottonseed oil export to that country.

Russia raised her rates of duty on our exports by from 50 per cent to 100

"By sensible trade relations which will not interrupt our home production, we shall extend the outlets for our increasing surplus. A system which provides a mutual exchange of commodities is manifestly essential to the continued and healthful growth of our export trade. We must not repose in fancied security that we can forever sell everything and buy little or nothing. If such a thing were possible it would not be best for us or for those with whom we deal. We should take from our customers such of their products as we can use without harm to our industries and labor. Reciprocity is the natural outgrowth of our wonderful industrial development, under the domestic policy now firmly established. What we produce beyond our domestic consumption, must have a vent abroad. The excess must be relieved through a foreign outlet, and we should sell everything we can and buy wherever the buying will enlarge our sales and productions, and thereby make a great demand for home labor.

The period of exclusiveness is past. The expansion of our trade and commerce is the pressing problem. Commercial wars are unprofitable. A policy of good will and friendly trade relations will prevent reprisals. Reciprocity treaties are in harmony with the spirit of the times; measures of retaliation are not. If, perchance, some of our tariffs are no longer needed for revenue or to encourage and protect our industries at home why should



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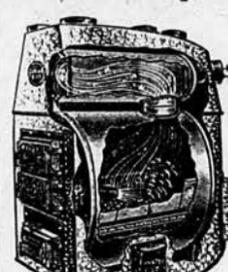
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Thousands in use; 11 Years on the Market. Having BOVEE'S Improved Hot Blast Ventilating System and Return Circulating Radiator, which gives perfect pure air and saves One-Third of the Fuel. Any handy man can properly install one of these furnaces with 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.

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Bovee Grinder and Furnace Works
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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.

LOOK AT THIS

We can furnish you subscriptions as follows:

KANSAS FARMER, ONE YEAR
THE AMERICAN QUEEN,
And your choice of one of the following 4 magazines
ALL FOR \$1.60.

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Cosmopolitan
Pearson's Magazine
National Magazine
Physical Culture Magazine

ADDRESS
KANSAS FARMER CO., TOPEKA, KANSAS.

Twenty-five Bushels of WHEAT to the Acre



means a productive capacity in dollars of over **\$16 per Acre**

This on land, which has cost the farmer nothing, but the price of tilling it, tells its own story. The

Canadian Government

gives absolutely free to every settler 160 acres of such land.

Lands adjoining can be purchased at from \$5 to \$10 per acre from railroads and other corporations.

Already 175,000 farmers from the United States have made their homes in Canada.

For pamphlet "20th Century Canada," and all information apply to Superintendent of Immigration, Ottawa, Canada; or to the following authorized Canadian Government Agents:

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

they not be employed to extend and promote our market abroad?"

Europe is now combining to shut us out. When, therefore, I introduced at the January meeting of the National Live Stock Association a resolution calling upon that body to take hold of the problem as affecting the live-stock interests of the United States I believed that it was the most important single matter of National policy now before the farmers of America. We can open the markets of the Old World to the fruits of our soil, it should mean not less than \$100,000,000 per annum to our producers. Is this worth working for or is it not?

This is not an agitation for free trade or for an abandonment of the protective principle. It is simply an effort to correct the abuses that have grown up under existing laws and to have our protective tariff so revised that it can be made an effective agency for gaining entrance for our food products into the markets of Continental Europe. The Senate having declined to ratify the Kassar reciprocity treaties, it may work well to consider seri-

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

10,000 EWES FOR SALE. For Sale—10,000 breeding and feeding ewes. Now in our pens on Missouri Pacific Railway at Sugar City, Colo. Address, The Lockhart Live Stock Co., Rocky Ford, Colo.

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

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.

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.

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.

\$12.80 For 200 Egg INCUBATOR Perfect in construction and action. Hatches every fertile egg. Write for catalog to-day. GEO. H. STAHL, Quincy, Ill.

WE BUY FURS AND HIDES 10 to 50% 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 Hide and Fur Shippers, \$1. Write today. ANDERSCH BROS., Dept. 75 Minneapolis, Minn.

ously the adoption of the dual-tariff plan mentioned above, as that now seems recognized as the most scientific modern method of applying the protective principle to international trade. I sincerely trust that Agricultural America will wake up to the fact that a serious menace to our prosperity impends in the shape of the new European policy, and I appeal to all who have the interest of our producing classes at heart to cooperate in making the Chicago Conference the starting point of an agitation which will be heard in the District of Columbia. This is a non-partisan movement which in my judgment is entitled to the support of every man, of whatever shade of political belief, who is in any way interested in our export business. Chicago, Ill. ALVIN H. SANDERS.

Judges for the International.

At the regular annual meeting of the board of directors of the International Live Stock Exposition, held in Chicago on October 26, the following judges were appointed for cattle and horses:

CATTLE.

Shorthorn—Breeding and Fat Classes. Geo. Waters, Windom, Minn.; E. K. Thomas, Middletown, Ky.; John Welch, Martinsville, Ind.

Angus.

C. F. Curtiss, Ames, Iowa (breeding); Louis Pfaelzer, U. S. Yards (fat); Louis Keefer, U. S. Yards (car load).

Herefords—Breeding and Fat Classes. I. M. Forbes, Henry, Ill.; M. A. Judy, Beecher, Ill.; Jno. Lewis, Lafayette, Ind.

Galloway—Breeding and Fat Classes. C. F. Curtiss, Ames, Iowa.

Red Polled and Polled Durhams—Breeding and Fat Classes. H. T. Davis, Iowa City, Iowa.

Foreign Judge: Grade and Cross-Bred and Champion Steers. Thos. B. Freshney, Louth, England.

Car Load—Fat Cattle. Wm. Leavitt, Chicago.

Car Loads—Feeder Cattle. T. B. Hord, Central City, Neb.

Carcass Cattle. Sam T. White, Chicago.

HORSES.

Percheron.

W. L. Elwood, DeKalb, Ill.

Clydesdales.

Prof. Carlyle, Colorado; Prof. Rutherford, Iowa; Prof. Humphrey, Wisconsin.

Shires.

Alex. Galbraith, Janesville, Wis.

Belgians.

To be selected.

Suffolk.

To be selected.

Draft Horses—In Harness.

Prof. Curtiss, Ames, Iowa.

German Coach.

Alex. Galbraith, Wisconsin; J. J. Kennedy, Iowa; R. P. Stericker, New York.

French Coach.

E. A. Potter, Chicago.

Hackneys.

Henry Fairfax, Virginia.

Ponies—Shetland and Other Than Shetlands. Robert Lilburn, Wisconsin.

SUPERINTENDENTS IN CHARGE OF DEPARTMENTS.

Other Than Car Loads. CATTLE. Thos. Clark, Beecher, Ill.

HORSES. R. B. Ogilvie, Chicago; J. S. Cooper, Chicago.

SWINE. A. J. Lovejoy, Roscoe, Ill.

SHEEP. Mortimer Levering, Chicago.

Car Loads. CATTLE. Richard Gibson, Delaware, Ontario; J. W. Martin, Gotham, Wis.

CARCASSES. Prof. Curtiss, Ames, Iowa.

A new rule covering ownership of car loads for exhibition at future shows was adopted. Car loads of live stock must have been the property or have been fed by the exhibitor for thirty days prior to opening date of the show.

A new rule covering the 2-year-old steers in the pure-bred and grade and cross-bred divisions of the show, was adopted to the effect that the first class in each breed, instead of reading "2 years and under 3," be made to read "Steer or Heifer Calved after January 1." (2 years previous to the show.)

A new plan of conducting the Stu-

dents' Judging Contests was also adopted; namely, that students will undergo an oral examination instead of submitting papers as heretofore. The following jurors were selected to pass upon the work of the students:

- Horses—Prof. J. H. Skinner, Alex. Galbraith, Leslie Smith.
- Cattle—Prof. G. E. Day, Tom Mortimer, Wm. Robbins.
- Sheep—Prof. G. B. Humphrey, Geo. McKorror, Mr. Potts.
- Swine—Prof. Wm. Dietrich, Ed. Cleaver, A. J. Lovejoy.

Gossip About Stock.

Geo. Manville and W. W. Brown, of Dearborn, Mo., announce that they will hold a public sale of Shorthorn cattle at Dearborn, Mo., on December 2, and ask us to claim this date in the Kansas Farmer. Announcement will appear later.

The Lockhart Live Stock Company, of Rocky Ford, Colo., have a small ad in this week's issue, offering 10,000 breeding and feeding ewes for sale. The sheep are now in their pens, located on the Missouri Pacific Railway, at Sugar City, Colo., where intending purchasers can see the stock.

Secretary F. L. Houghton, of Holstein-Friesian Breeders' Association, Brattleboro, Vermont, reports the sale of the bull, Beechwood Brownell to Hughes & Jones, Topeka. This is a firm of new breeders, but they are getting together a herd of very choice cattle. They were large winners at the State Fair at Topeka this fall.

For Ohio Chester White swine, see card of A. E. Staley & Son, Ottawa, Kans., who report brisk inquiry for the best conditioned and best bred stock they have ever offered for sale. Forty spring boars and gilts now for sale. Mr. Staley has just shipped a nice June gilt to Thos. A. Dwyer, Chihuahua, Mexico.

It is very gratifying to be able to announce a new advertiser of Tamworth pigs in the person of E. L. Lindner, Clay Center, Kans., owner of the Goldmine herd, who is advertising a number of choice fall pigs of prize-winning stock for sale. In next week's issue we will have an article on this breed that will be of interest to our readers.

McLaughlin Bros., of Kansas City, Columbus, and St. Paul, made some good sales of Percherons during the week. They sold the fine young stallion Tarare to Stephen Lorton, Gridley, Kans., for \$3,600. Col. J. W. Athey, of Russell, Kans., bought a stallion for \$3,000 from the McLaughlins, who also sold one to J. M. Hines, Blackwell, O. T.

Some months ago the Kansas Farmer had occasion to refer, in complimentary terms, to the Shorthorn bull, Senator, 196397, belonging to E. D. King, of Burlington, Kans. J. E. Landis, of Abilene, who owns the Sunny Ridge herd of Shorthorns, read the description of Senator and was so struck with it that he immediately bought the bull and placed him as assistant herd-head on his farm. Mr. Landis is very much pleased with his purchase and says his neighbors are all impressed with his quality both as an individual and as a breeder.

W. R. Peacock writes that Dr. Axtell, of Newton, will join him in a sale of Poland-China hogs on the date he had claimed for his fall sale at Sedgwick, and instead of selling at Sedgwick they will sell in the new sale pavilion at Newton. Newton is easily accessible for all the breeders of the State. The offering has been inspected by our representative and found to be well-bred and meritorious. Parties wishing choice Poland-Chinas should address W. R. Peacock, Sedgwick, mentioning Kansas Farmer.

James Mains, Oskaloosa, Kans., had a very successful sale of Poland-Chinas. The offering of 73 head sold at an average of \$18.20. Thirty boars sold for \$467, an average of \$15.57. Forty-three sows sold for \$867, an average of \$20.17. The offering was nicely bred but generally not quite strong enough to present the appearance to the average eye that the breeding and quality of the offering deserved. A number of good breeders were in attendance, and bought liberally and we predict that the purchases will prove useful. Mr. Mains is one of the good old breeders and is appreciated by all others in the business.

The Improved Stock Breeders' Association of the Wheat Belt hold their fall sale November 16, 17, and 18, at Arkansas City, selling Poland-China, Duroc-Jersey, and O. I. C. hogs on the 16th; Shorthorn and Hereford cattle on the 18th. They will also sell the imported stallion, Houler, half brother to the World's Fair winner, Casino. For further information regarding this stallion write S. M. McCowan at Chillicothe, Okla.; and for information in regard to the other stock write to Chas. M. Johnson, manager, Caldwell, Kans., or to any of the other consignors. See display advertisement in this issue and watch next issue of Kansas Farmer.

Dietrich & Spaulding have claimed November 25 for fall sale of Poland-Chinas. They will include in this sale their prize-winning boars at the Topeka State Fair, Ottawa Fair and oth-

Warranted to give satisfaction.

GOMBAULT'S CAUSTIC BALSAM

A safe, speedy and positive cure for

Curb, Solint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a HUMAN REMEDY for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Caustic Balsam 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, testimonials, etc. Address THE LAWRENCE-WILLIAMS COMPANY, Cleveland, Ohio.

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.

BEEF BREEDS FOR MONEY

Dr. Walter J. Quick, Indianapolis, Ind., will consider the history, profits and value of beef-producing cattle in November

Blooded Stock that bright, active stock paper. Learn how to feed, breed, fatten and market. Spend 25c for a year. You can afford it. Do it now and learn how to make more money. Blooded Stock, Box 228 Oxford, Pa.

Ring-Bone

There is no case so old or bad that we will not guarantee

Fleming's Spavin and Ringbone Paste to remove the lameness and make the horse go sound. Money refunded if it ever fails. Easy to use and one to three 45-minute applications cure. Works just as well on St. Gobans and Bone Spavin. Before ordering or buying any kind of a remedy for any kind of a blemish, write for a free copy of

Fleming's Vest-Pocket Veterinary Adviser Ninety-six pages of veterinary information, with special attention to the treatment of blemishes. Durably bound, indexed and illustrated. Make a right beginning by sending for this book. 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

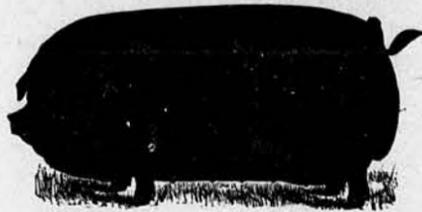
Karsolene is sure death to lice, ticks, mite and small vermin of every kind. Will not irritate or burn the most tender skin. Leaves the hair in glossy, silky condition. Invaluable as disinfectant for stables, hog and hen houses. Sold under positive guarantee. Money back if not as represented. Write us for booklet.

U. S. CHEMICAL MFG. CO. Dept. E, 1421 W. 12th St., Kansas City, Mo.

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.

A Bargain in Kansas Land. In Wallace County. The S. E. 1/4, Section 6, Township 14, Range 42. Three miles from Weskan. Good schools. Land all tillable, 35 acres broke. \$800. Owner in Government employ and must sell. J. J. CARTER, Room 3, Central National Bank Bldg., Topeka, Kans.

Shawnee Breeders' Association Sale



Duroc-Jersey Swine,
—AT—
STATE FAIR GROUNDS,

Topeka, Kansas,
Thursday, November 9, 1905.

SALE BEGINS 1.00 P. M. SHARP.
60—Head of Choicely Bred Boars and Sows—60
Consisting of 36 fall and spring boars and 24 brood sows and gilts.
The Best Blood of the Breed.

The blood of Shawnee Orion 11179, Sunflower Chief 21375, State Limer 31739, Parker Mc 29283, Royal 29001, Fancy Improver 33257, Fancy Kant Be Beat 24921, Josephus 19125, Olympus 6947A, G. Funston 13071, Lord Bacon 26513.

Sale under cover. No postponement. Terms of sale are cash.
For catalogues address,

I. D. GRAHAM, Secretary, Topeka, Kans.

Grand Two Days Combination Sale

Pure-Bred Cattle and Hogs.

by
Harrington Bros., Chas. O. Parsons

and others in connection with the
South Central Stock Breeders' Association at

Anthony, Kansas, November 22-23, 1905.

Sale to be held on the Fair Grounds under cover, commencing at 1.00 p. m. each day. No postponement on account of weather. The following breeders consigning:

POLAND-CHINAS.		SHORTHORNS.	
Chas. O. Parsons, Clearwater, Ks., 10	Harrington Bros., Clearwater, Ks., 40	F. Wolf, Conway Springs, Kans., 7	
J. B. Freese, Bayneville, Kans., 8	J. B. Freese, Bayneville, Kans., 1	J. B. Freese, Bayneville, Kans., 7	
J. C. Larimer, Derby, Kans., 6	E. Cook, Freeport, Kans., 1		
Geo. Miller, Bluff City, Kans., 20			
F. E. Mosher, Anthony, Kans., 1	HEREFORDS.		
J. R. Roberts, Deer Creek, Okla., 10	A. Johnson, Clearwater, Kans., 4		
DUROC-JERSEYS.	A. A. Rose, Anthony, Kans., 2		
J. W. Getz, Freeport, Kans., 4			
For catalogues or other information address,	CHAS. O. PARSONS,		
HARRINGTON BROS.,	Clearwater, Kans.		
Clearwater, Kans.			
Cattle Managers.	Hog Managers.		
Auctioneers: Col. J. W. Sparks, Marshall, Mo.; William Arnold, Wichita, Kans.; J. B. Hughbanks, Anthony, Kans.			
Special Rates to Stockmen at Hotels, and we are working for rates on all railroads.			

SECOND ANNUAL POLAND-CHINA SALE.

Messrs. Heady & Bailey will hold their second annual sale at
Galesburg, Kans., Nov. 7, 1905.

This offering of pure-bred Poland-Chinas comprises the herd boar, Proud Perfection 3d, 4 brood sows, 16 spring boars and 18 spring gilts. The sires of this offering are Proud Perfection 3d 31716, V. C. Perfection 30837, also six boars and five gilts sired by Grand Perfection 77899. He was fifth in class at Iowa State Fair, and first and sweepstakes at Topeka State Fair.

Some of these boars and gilts are extra nice. There will also be included in this auction 6 Shorthorn Cows and Heifers and 3 Bulls. Parties from a distance will be entertained free. Free conveyance to and from farm. For auctioneers, field men see catalogue. For catalogue or other information, address

J. W. HEADY or O. F. BAILEY, Galesburg, Kans.

Bollin & Aaron's

FALL SALE

At Leavenworth, Kans., Nov. 8, 1905.

60-HEAD-60

Of Poland-Chinas.

Ten yearlings, 3 sows and 7 boars, 50 March and April pigs sired by Sir Darkness, The Picket, Black Perfection, Corrector, Kansas Chief, Chief Tecumseh 4th, Beauty's Extension, and Corrector's Equal. Messrs. Bollin & Aaron will also sell a dozen or more herd-headers good enough for any herd.

The catalogue tells all. Write for one, to John Bollin or Gus Aaron, Leavenworth, Kans.

Auctioneers: R. L. Harriman, Bunceton, Mo.; John D. Snyder, Winfield, Kans.

ers of equal merit and choice breeding excepting the herd boar, Grand Chief. Will sell a lot of sows and gilts of more than ordinary merit bred to this Grand Champion and a few to a brother of Missouri Black Perfection. Write at once for catalogue to Dietrich & Spaulding. Remember the date and the place for sale at the elegant new sale pavilion at Ottawa, Kans., where you may be comfortable no matter what kind of weather.

We take pleasure in publishing the following letter from Mr. John Regier, owner of the Alfalfa-Leaf Shorthorn herd, Whitewater, Kans., which is self-explanatory: "Editor Kansas Farmer:—In your last issue, on page 1008, there occurs a slight mistake. Your representative misunderstood me. I meant to say that the eight head of registered Shorthorns I had bought up to date cost me an average of \$425, including the bull, Nonpareil Star 188488, at \$500, Imp. Edelweiss, at \$705, Lady Goodness at \$500, and Bashful Heroine at \$425." We are glad to make this correction, if for no other reason than to show the quality of the Shorthorns owned by Mr. Regier.

The second annual sale of Poland-China swine at Galesburg, Kans., November 7, 1905, by J. W. Heady and O. F. Bailey is a very attractive event for Southeast Kansas. The offering comprises the herd boar, Proud Perfection 3d, 4 brood sows, 16 spring boars and 18 spring gilts, sired by Proud Perfection 3d 31716 and V. C. Perfection 30837, and 11 of the spring pigs are sired by Grand Perfection 77899, a prize-winner at the Iowa State Fair and winner of first and sweepstakes at the Topeka State Fair. In addition to pure-bred Poland-Chinas, there will be offered for sale 3 Shorthorn bulls and 6 cows and heifers. For catalogue address J. W. Heady or O. F. Bailey, Galesburg, Kans.

H. N. Holdeman's sale at Girard was held Friday under rather adverse conditions. The weather was cold and it had been raining for several days and the hogs had been in mud up to their eyes, which kept them from presenting an attractive appearance. Also a street carnival company at Girard seemed to have attracted the people so they could not think of anything else and the local crowd was not at all what it should have been. A few outside breeders were in attendance and bought the best of the offering at fair prices. Had the local support been what it should have been, we could report one of the best sales of the season. As it was, the average of his choice offering of 50 head was only \$14.50. Mr. Holdeman's sale of Holstein-Friesian cattle will be held at Topeka, November 29. Write at once for catalogue and arrange to be at Topeka at the sale.

Mr. and Mrs. Henry Shrader, of Wauneta, Kans., were present at the State Fair at Topeka, with a nice exhibit of Duroc-Jersey swine. By some accident their address was given Portis, Kans., instead of Wauneta. They have a lot of fine young boar pigs sired by Kerr's Champion 34469, and from such dams as Wauneta Maid 98826 sired by Climax 23361, bred by McFarland Bros., Sunshine K. 63144, sired by St. Patrick 102255, Miss Elsey 68606, Red Queen K. 63142, Goldie B. 68602, sired by Red Chief 10031, bred by W. A. Kirkpatrick and a lot of other dams equally as good. They will sell boar pigs of February, March and April farrow at \$15 each. They will also have a lot of bred gilts and sows to farrow in the spring, at low figures. These will be bred to Kerr's Champion and to Crimson Wonder, Jr. 38755. Mr. and Mrs. Shrader are also breeders of White Holland turkeys, White Pekin ducks, White Plymouth Rock chickens, and Black Langshans. Birds of each of these breeds will be offered very reasonably.

Mr. Chas. C. Glenn, secretary of the Percheron Registry Co., Columbus, Ohio, writes as follows: "The Percheron Registry Co. was organized a little more than one year ago. It is incorporated under the laws of Ohio and is recognized by the Government at Washington. It is the purpose of the Percheron Registry Co. to publish a volume of the Stud Book each year. The 1904 book is just off the press. This is the first Percheron stud book which has appeared since 1898. The 1904 book is our first volume. If we were ready to print the 1905 book, there are about twice as many animals recorded as appear in the book we are sending you to-day. The success of the Percheron Registry Co. is much greater than any of us hoped for, when it was organized less than two years ago. Judging from the support it is receiving from Percheron breeders everywhere, we have good grounds for believing that our association will solve and simplify the Percheron problem. The affairs of our company are managed in the best possible manner on the theory that the association that serves the Percheron breeding public best will receive a unanimous patronage in the end."

John Bollin and Gus Aaron will hold their annual fall sale at Leavenworth, Kans., November 8, 1905. In this offering Mr. Bollin & Aaron will sell 8 yearling boars, 3 yearling sows, the herd boar, Corrector's Equal, and about 50 pigs of March and April farrow. This offering is an exceptionally good one sired by Corrector, Sir Darkness, one of the famous Chief Perfection and Darkness cross, the World's Fair winner, The Picket, the State Fair first-prize winner, Chief Tecumseh 4th; Black Perfection, Kansas Chief Beauty's Extension and Corrector's Equal, thus insuring a variety of breeding, and we assure our readers that they will be pleased with the individuality of the offering. People conversant with the usual result from the blending of the line represented with the above-named boars knew what to expect. Messrs. Bollin & Aaron invite all lovers of the breed to attend their sale, or if

(Continued on page 1116)

SLOAN'S LINIMENT



FOR MAN AND BEAST. KILLS PAIN AND DESTROYS ALL GERM LIFE.

CURES RHEUMATISM

WONDERFULLY PENETRATING. A COMPLETE MEDICINE CHEST.

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

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

American Fence Talks.

By the Makers

American Fence is standard of the world. More miles of it are in use than all other fences combined.

It is made of steel that is exactly fitted for it. A woven wire fence can be made of wire too soft or too hard. It must be exactly right to render good service.

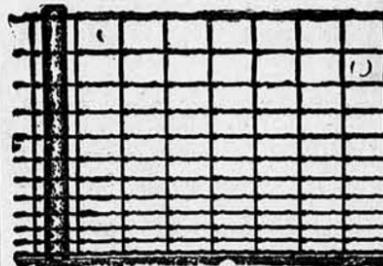
The wire must be hard enough to be springy, so that against all strains of weather or impact it will spring back into position and remain taut and true.

The structure of the American Fence is perfect. It is built of big, solid, lateral wires, with the upright or stay wires hinged. This is the most perfect structure for a square mesh fence, and is covered by patents which can not be assailed.

There are many fences on the market. Some tell of their wonderfully hard wire; others speak of new forms of construction that make all other forms look ancient and worthless. But through all this it remains a fact that more miles of American Fence are in use than of all others combined, and will continue so.

We do not sell direct—we sell through dealers all over the country. Only in this way are the buyers' interests looked after. The dealer becomes your business friend, and when you buy our fence of him he will see that you are treated right.

American Fence is for sale by the dealer in your town. You can find it there, examine the different styles and make a selection to suit your requirements. Or, write us direct and we will send you a catalogue and tell you where you can get the fence.



The American Steel & Wire Co.,

Chicago
Denver

New York
San Francisco

The Young Folks

CONDUCTED BY RUTH COWGILL.

Nothing Is New.

Nothing is new
Under the sun;
Into the sea
The waters run;
Back they are brought
Unto their sources,
Only again
To run their courses.

Thought, as well,
Never is new;
Thoughts of our own
Are but a review
Of other thoughts
Of long ago,
That down through time,
Like rivers, flow.

Over and over
The waters run;
Nothing is new
Under the sun.
Over and over
Ages through,
Thought is rehearsed,
For nothing is new.

—J. E. Everett.

The Escorial.

ANNA MARIE NELLIS.

Thirty-two miles from Madrid is the eighth or ninth "wonder" of the world—a mountain of granite shaped into a palace, a church and a convent—the leviathan of architecture. It was built by Philip II, the grandson of "Crazy Jane;" and quite possibly the ideas in architecture which Philip possessed with reference to this stupendous edifice, were a direct inheritance from his grandma. It was constructed in compliance with the desire often expressed by Charles V to his son Philip, to have a burial house for himself and his descendants, as a solemn act of gratitude to his patron St. Lawrence, who had helped him quite considerably in various wars Charles had been involved in with other nations. Of course, St. Lawrence had been dead a long time before Charles was born, but that did not hinder him in assisting his protegee, for it seems that saints, in those times, could do about as much, if not more, after they were dead, than when they were alive.

Now, in order to locate Philip II, I will say, he was the son of Charles V, who was the first one to be known as Don Carlos. Don Carlos I, was the son of "Handsome Phillip," Duke of Austria and "Crazy Jane;" and "Crazy Jane" was the daughter of Ferdinand and Isabella; so that the Philip who built the Escorial, was the great-grandson of Ferdinand of Castile and Aragon.

So this big mountain of granite was originally designed for a graveyard; but Philip, following his pa's and grandma's religious ideas, added churches, monasteries, convents, royal palaces and such things to it, until he had an immense village in space of one building. It is located on the slope of the Guardaramas, with the pine-forest-clad hills for a background. It is built of grayish white stone, the exterior having no decoration at all—the whole appearing like a huge prison or fortress. It is so cold in appearance that one is inclined to be sad and shiver a time or two while inspecting it.

In form it is a rectangular parallelogram, 680 feet long by 530 feet wide, covering a ground surface of 360,400 square feet, or about 8½ acres. It is said that the monastery of the Escorial is the expression of Philip's character, the proudest of kings, and the most devout among monks, who built convents which looked like palaces, and palaces that were almost convents. He would come very frequently from Madrid (this was in 1563) to watch the progress of his creation, from the summit of a hill close by; suggesting changes and advising different details.

Everything in the edifice is on a colossal scale—16 courts, 40 altars, 1,111 windows outside, and 1,562 inside (wouldn't it make one tired to wash all those windows every day), 86 staircases, and 32 square leagues of floor surface to walk upon. It is impossible to inspect the Escorial without a guide; so from the six that presented themselves, we chose Jost del Santos, who, for the sum of 60 cents (U. S.

Money) followed, led, and guided our party for the entire day; and he was as delighted when we paid him all that money as an American would be to receive \$10.

We first walked in the beautiful box-hedge gardens—no flowers to be seen, for such would have been too frivolous for one of Philip's character—just trim, stern looking box-hedge, with very few fountains. There is nothing beautiful about the Escorial except the view over the pine-covered slopes, and I presume Philip would have denuded those slopes, if he had accidentally thought of it. The beautiful blue sky he might have changed into a deep drab, or some other miserable color, for it seems that his only pleasure was misery and gloom.

From the gardens we entered the church, which, of course, is huge, the dome resting on four pillars, each 35 feet in diameter—the size of a large room. In my estimation those pillars are the grandest ones I ever saw, even far grander than those in Seville Cathedral.

The main interest to me was in the first chapel to the left of the nave, where lies the sepulchered body of Mercedes, the first wife of Alphonso XII—father of the present king. The tomb had many beautiful flowers and wreaths of roses upon it, and enough money was left to the convent to pay for masses to be said for her soul until "Judgment day"—so our guide said. I wondered how they could have figured out the time so closely, but Jose didn't know.

King Philip had the "High Altar" built directly over the king's burial vault, so according to Philip's wish, masses could be said daily, directly over the royal bodies—now dust. On either side of the altar are bronze-gilt figures of royal personages; among them were Charles V and Isabella, his queen, the father and mother of Philip, also two sisters of the latter king. On the opposite side from these were Philip II, with his fourth, third and first wives, but his second wife was not there the day we called, and Jose did not know, and he also said that no one knew where she was buried.

A small door on the right of the chapel, beneath Philip's figure, opened directly on his bare, monasterial apartments of two rooms; he could sit here and hear the daily mass as it was being said and sung at the "High Altar," and here he was brought when dying, to see the altar for the last time. Jose said he died "the most terrible death in many weeks, and in very great agony." I wondered if it was not somewhat in retribution for the many hundreds of protestants which he had made martyrs of, but then, I don't know.

Our next visit was to the Pantheon, or burial vault—this was the original thought for the entire building. We entered it directly from the church, down a flight of stone steps, dark as night, when the moon does not shine. At last a monk sprung up from some dark recess and lighted a taper. We found ourselves in an octagonal vault 33 feet in diameter (less than one of the pillars above). It seems odd, that with his immense ideas of size, he made the vault ridiculously small. Opposite the entrance is an altar, on either side of which are four rows of niches, all containing sarcophagi of black marble with inscriptions in heavy gold letters. On the left of the altar are the kings, and on the right are queens i. e., the queens who were mothers of kings. You see, that was the reason why Mercedes was entombed above, she was not the mother of a king, as Alphonso's ma is an Austrian princess, and very much alive yet. The niche for Alphonso XIII is just below that of his pa, Alphonso XII, and is all ready for him, awaiting his convenience and necessity, and there is no inscription yet on his sarcophagus. The niche for Marie Christine, the mother of the King of Spain, is on the right of the altar, and is also ready for her; but she thinks of visiting Austria next summer.

That vault was about the gloomiest place I ever was in; and I am inclined

to think that Queen Mercedes does not regret in the least that she could not share it with the other royal ones. As we were coming up the stairs, I espied a door which was locked, and Jose told me that it was the opening for the chapel where the royal bodies are kept for five years after death, before being entombed below. So I suppose, Queen Isabella, grandma of Alphonso, is in there now, as she died in Paris last year. She was a daughter of a King of Spain, the mother of a king of Spain, and the grandmother of a King of Spain—four kings that she had lived with including her husband, and she herself, was a Queen of Spain in her own right, until she had to abdicate for Alphonso XII, her son. The Princess of Austria, sister of the present king, died a year ago, and her body lies in that chapel. You see, when she was about five years old, she was Queen of Spain about four months after her father's death, and then the present Alphonso arriving, her nose was put completely "out of joint," and she then stopped being queen entirely. However, she, in after years, married the son of Don Carlos, "the pretender," and he now is the heir to the throne of Spain, if Alphonso dies without issue. He goes to the Escorial once a month, and in the chapel above the royal vault he hears mass said.

We then went down the other "wing" of the stairs to the "pantheon" or burial vault for the queens who were not mothers of kings, and for the princes and princesses who never became kings and queens. This vault consists of a series of seven chambers with white marble walls and white tombs—all so fresh and cleanly in appearance, that one thinks it must be right after house-cleaning. In one of the first rooms is a huge monument, with a gold, life-sized figure of Isabella II, kneeling and supposed to be praying. Fancy Isabella, the exiled Queen of Spain, who lived 25 years in Paris, praying. I lived almost "next door" to her, in that city, for a whole year and from the reports of her life there, I concluded that praying was not one of her most frequent pleasures.

It was a relief to us all to get out of these chilly, theatrical show-rooms—from the icy blasts of death that chill one's very bones—somber in darkness, something apprehensive and repulsive amid these shining marble and gilt-bronze nothings. There is nothing in the feelings that fill the soul and mind in the presence of these sculptured vanities, that a true Christian can profit by; yet the regal and beautiful tombs in medieval cathedrals with their sculptured effigies praying or asleep, are somewhat amusing.

Upon leaving the Escorial we felt glad that we had seen it, but were quite sure that one visit was all we cared for.

Southern Pacific Hunting Trip.

T. J. Anderson, G. P. A., Southern Pacific, Houston, Tex., writes: "The second annual hunting and fishing excursion now being organized by the general passenger department of the Southern Pacific Railway Company, will leave Houston, Texas, November 15, remaining in camp and on trail in Southwest Texas until January 1, 1906.

"The party will be composed of thirty prominent northern and eastern capitalists, bankers, business and professional men, aside from guides and camp servants. Several well known members of the newspaper fraternity will be with our party and furnish their publications with newsy accounts of the trip. Last year the proprietor of Leslie's Weekly sent Gilson Willets to represent that magazine and furnish it with accounts of this railway's first annual hunting trip. Mr. Willets will perform a similar service for that publication this year and if you cannot become one of our party, or send a member of your staff, I would suggest that you communicate with Frank D. Letts, a well known journalist of this city, who will accompany us and be able to furnish you interesting reading matter concerning incidents and adventures of our party, with pictures to illustrate the same."

For the Little Ones

A Dispute.

Tom and Joe quarreled,
I've heard people tell;
About a queer animal
Hid in a shell.
"I tell you it walks, sir!"
Said Tom to Joe;
"It swims!" cried Joe, loudly,
"I've seen and I know!"
"It walks!"—"No, it swims!"—
And the boys grew quite wroth,
But the turtle peeped out,
Saying, "I can do both!"

—A. L. Mitchell.

The Chameleon.

The chameleon is a very interesting little animal. I wish you could see the live animal creeping over stones and along tree trunks in damp places.

The chameleon is a lizard (maybe you know that name better) which can very quickly change its color when it moves from one place to another. When it is resting on a green log it can scarcely be seen because its body looks green, but when it crawls on the grey stone by the log, it no more is green, but has changed to the color of the stone. Is it not wonderful?

I feel sure you know, before you are asked, why the chameleon has learned to do this. For the same reason that a bird's back, when she sits on her nest, is hardly distinguishable from the leaves and shadows and bark of the tree in which she lives. The good Heavenly Father has thought of the best way to protect a little bird and her family from their enemies.

In the country, where I spend my summers, there is a great deal of red rock, called shale. The roads are red too, from these stones crumbling on them. I wondered why every little lizard was orange color, but one day, when I was taking a walk, I nearly stepped on one of these little fellows. I had not seen him at all. Why then is his body red? Is there a reason, do you think?

We might change our clothes to suit the place in which we lived; indeed, I think we do, somewhat. When the trees are bare, when there are no flowers blooming, and the clouds are grey, then people wear woolen clothes of dark blue or grey or black or dark brown or red. But when the skies are blue, when there are bright blossoms and green grass and trees, people wear bright colors. So we are somewhat like the chameleon. However, we might be like him in a better way, and this I think we are, too, sometimes. Let me tell you how.

I once knew a school teacher who had a great many little girls and boys in her room. When she first went to the school she said to the directors: "I must have plenty of sunshine in this room and I mean to have plants growing, and gold fish in a clear globe, everything must be bright and clean and sweet."

So she did have all these things, but better than all, she, herself, was just like sunshine and flowers and fresh air, when the little children came into the school room, every day, and every girl went up to shake her hand and say a glad "good morning."

Each little child there was like a chameleon, changing, as the days passed, into her sweet ways, her smile, her kind words, her little helpfulness. It was, "Mrs. S., I'll help George, if he can't put on his coat, and you are busy."

Or, "Mrs. S., may I water the plants for you this morning?"

Until some of these little chameleon-children grew into the color of gold. When new boys and girls came into the school, who were cross, or selfish, or rough, they began to feel ashamed of themselves, and that minute they were preparing to change their color into a better one than before. After a few weeks passed, they too were ready to help some other boy or girl, so that the change was going on all the year.

There is so much learning in the world just now that good old-fashioned common sense looks like foolishness.—Billings.

Ideal Sport
A Fine Day
A Good Dog
and



STEVENS FIRE ARMS

It's just as natural for a girl to want to shoot as for a boy. It does her just as much good. Gives her healthy, invigorating outdoor exercise, quickens her eye, steadies her nerve, and makes her self-reliant.

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

Railroad and College Combine.

On October 25 representatives of the Kansas State Agricultural College, with the cooperation of the Missouri Pacific Railway, started on a two-weeks' institute trip over some lines of that road. The railroad furnishes an exhibit and living and lecture car in charge of S. R. Young, the accomplished agricultural agent of the road, and the speakers from the college are Professor Dickens and Professor Roberts. The secretary of the farmers' institutes accompanies the car from Lindsborg to Tribune.

The car goes on into Colorado, and returning, the institutes will start east from Hutchinson on Nov. 8, making Eldorado, Nov. 9; Eureka, Nov. 10; Yates Center, Nov. 11; Iola, Nov. 13, and Moran, Nov. 14.

The subjects emphasized at all these points are Orchard and Gardening, Alfalfa, Corn-breeding and Seed Adulteration. At many of the points local speakers take part in the program, several prominent corn men in the different parts of the State being invited to assist in the meetings.

All sessions are from 10 to 12 and from 2 to 4 each day.

The Missouri Pacific will probably conduct other trains over their lines this winter for the Agricultural College.

Commendation.

EDITOR KANSAS FARMER: Please to find enclosed the sum of \$1 to pay my subscription for your highly valued paper this year and for one copy the coming year for George Miller, and send the same to Argonia, Kans.

As I am writing I want to say that I do not read all you publish, but I appreciate very much the high standard of the FARMER on the subject of improved stock of every kind, including poultry; and above all it has pleased me to see occasional articles in the

FARMER against the nefarious liquor business, both in our great State and our Nation, and it would please me to see more space given to the subject, as boys and girls are of much more value than cattle, horses, and hogs.
BENJAMIN NICHOLSON.
Sumner County.

Every Inch.

An old man would not believe that he could hear his wife talk at a distance of five miles by telephone.

His better half was in a country shop several miles away, where there was a telephone, and the skeptic was also in a place where there was a similar instrument.

On being told how to operate it he walked boldly up and shouted, "Hullo, Sarah!"

At that instant lightning struck the telephone and knocked the old man down. As he scrambled to his feet he excitedly cried:

"That's Sarah, every inch."

A Puget Sound Book Free.

The KANSAS FARMER is in receipt of a sample copy of one of the finest publications on the Puget Sound region in Washington, which has ever come to its notice. It has been published by Snohomish County, of which Everett is the county seat, and contains some 400 of the finest illustrations, picturing the wonderful resources of this country complete in every detail. It also contains brief, pointed, and very interesting text, and all in all shows up the Pacific Northwest in as attractive form as we have ever seen.

On the title page appears the paragraph: "This paper was 'grown' in the forests, manufactured and made into a book and printed complete in Snohomish County," which means that the book is a product of local industry from cover to cover.

It handles the farming, manufacturing, shipping, climate, lumbering, mining and all other interesting features of the country in a thorough manner. The scope of the work is well summed up in the following letter from the Governor of the State of Washington regarding it:

Executive Mansion,

Olympia, Wash., July 29, 1905.

MR. W. M. THORNTON, Secretary Everett Chamber of Commerce, Everett, Washington.

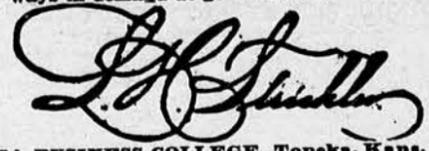
Dear Sir:—This, I think is the most attractive, interesting and generally excellent piece of advertising matter I ever saw issued by a commercial body. I am especially pleased with the text, the writer having avoided the flowery style too often used by writers of this class of advertising, and also having avoided the too customary extravagance of statement. He has made a concise, business-like but attractive statement of the advantages of Snohomish County; one that cannot fail to appeal to the class of people most desirable as an addition to the county's population.

Typographically, the booklet is a splendid piece of work. The illustrations are many; what is more, they are clear and distinct and artistically

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



TOPEKA BUSINESS COLLEGE, Topeka, Kans.

arranged. That such an excellent specimen of printer's art can be produced in Snohomish County, and printed on high-grade paper made at home, is alone an advertisement that must carry weight.

Permit me to extend my congratulations on the production of this volume.
Very truly yours,

ALBERT E. MEAD, Governor.

The readers of KANSAS FARMER can secure this fine 64-page booklet on the wonderful Puget Sound country, and on Snohomish County and Everett, Washington, by enclosing four cents for postage in a letter to W. M. Thornton, Secretary Chamber of Commerce, Everett, Washington, mentioning the KANSAS FARMER when writing.

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 inspect the rapidly growing South, and to choose homes which are the best in the United States.

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St. Louis.

"You should be like the chickens, Willie; just see how early they wake up in the morning."

"Oh, well, I could wake up early, too, ma, if I stood up all night!"—Yonkers Stetman.

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Rates Always The Lowest.

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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.

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SEABOARD AIR LINE RAILWAY.

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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 increased 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.
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F. E. ROESLER, Trav. Pass. and Imig'n Agent,
Kansas City, Mo.

The Home Circle

CONDUCTED BY RUTH COWGILL.

Gather Only the Sweet.

Wandering one day in the clover,
With eyes downcast to the ground,
Under a large head o'er hanging,
A little dead bee I found.

Long had he worked in the clover,
Busily all the long day;
On his return in the evening
Death he had met in the way.

Dusted was he with the pollen
Full were his bags with the gold;
But he now lay under the clover
Stiffened with death and with cold.

Little bee, thou hast done bravely,
Altho' death on the way thou did'st
meet;

Yet all the day thou'st been busy
And gathered only the sweet.

May we every day act as wisely,
And every day duty so greet,
That should death before night over-
take us,
We be gathering only the sweet.

—McDonald H. Brown.

Jerry Simpson.

One of the eccentric features of the public life of the last decade of the last century was Jerry Simpson, of Medicine Lodge, Kans., whose death, which occurred last week after a lingering illness, recalls his career, and has been the occasion of much favorable comment in the metropolitan press.

At the beginning of the year 1890 he was engaged in farming and stock-growing near Medicine Lodge, in Barber County, Kans. He suffered the vicissitudes of those times, and it was only by dint of hard hustling that he was able to avert the disasters which overtook many of the frontier farmers of those days.

In the early part of 1890 he was nominated for Congress at a convention, held at Great Bend. This convention was composed of the many elements gathered together under the Farmers' Alliance, the Union Labor Party and the Videttes.

At the time of the convention, the writer was superintending the erection of some heavy machinery in the sugar-mill at Medicine Lodge.

When the word came that Jerry had been nominated, one of the workmen remarked to another "Don't that beat h—?"

"Yes, but I'll vote for him."

"So will I."

Mr. Simpson's campaign was one of the most remarkable ever made in Kansas, if not in the United States. He was almost without money to meet the expenses of a speaking tour, and he said afterwards that many a follower gave him a quarter to help him along, when the donor had not another quarter to put with it.

One of the features of the campaign was a challenge from the Alliance Committee to the Republican Committee for a joint debate between Mr. Simpson and Hon. J. R. Hallowell of Wichita, the Republican nominee, who was generally known as "Prince Hal." The first and only joint debate was held at Larned. Jerry's general information, his wit and his sharp repartee were a complete surprise to his opponent, who was reported to have informed his central committee that he "wanted no more of that."

Mr. Simpson's next speech was at Kinsley, where he spoke both afternoon and evening. He told the old soldiers of his audience that they were making a big mistake in giving an 82,000 Republican majority in Kansas, because, being considered so very safe, the State received less attention than it otherwise would for the pension demands of its soldiers. He emphasized the point by saying that while Kansas population consisted more largely of old soldiers than that of Indiana, yet Indiana's old soldiers because their State was "close," were far better off as to pensions than their brethren in Kansas. A German old soldier in the audience turned to a friend sitting near him and said: "Ven dot is so it is not right."

"You better ask Jerry if he can prove it."

"You go mit me." At the conclu-

sion of the afternoon meeting, the two met Mr. Simpson and the German called his attention to the statement he had made, and inquired, "Mr. Simpson, can you prove dot?" The quick response was, "You come to the meeting to-night, and if I prove it to your satisfaction you are to vote for me on condition that if I fail to prove it to your satisfaction I am to get off the ticket." "Dot's a fair proposition," said the German. It was reported in those days that Mr. Simpson's wardrobe was not burdensome, but he had a satchel full of documents. At the evening meeting he proved the proposition from documents of the Pension Office, inviting any who doubted their authenticity to examine them or write to the War Department and obtain duplicates. The German pressed forward after the meeting and said: "Mr. Simpson, you gets my vote."

At the next meeting at Great Bend, Mr. Simpson dwelt at considerable length on the fact that his opponent for the place was called "Prince," and that his importance in public affairs had been duly impressed upon not only his fellow citizens but also upon himself. "Now," he said, "if you send the Prince to Congress, he won't have time to look after your little affairs, pensions and such like. He will have to be running the Government. But if you send me, nobody will pay any attention to me, and I won't have a thing to do but just look after your interests."

Mr. Hallowell preceded Mr. Simpson by a day or two at a great meeting at Newton. He had reports of Mr. Simpson's speeches so that he was able to anticipate with a fair degree of accuracy the points he would present. These points he dwelt upon in his Newton speech. His partisans felt very well satisfied that he had entirely demolished his grotesque opponent. When Mr. Simpson came to Newton he had an equally large and enthusiastic hearing. He, too, had stenographic reports made of his opponent's speeches, and was entirely familiar with all that Mr. Hallowell had said to his Newton audience. After getting his audience into full sympathy with him and in a jolly mood, Mr. Simpson referred to Hallowell's predictions of what he would present. Calling Mr. Hallowell his advance agent, he extolled his proficiency as such and said it was not every show that could afford a "Prince" for an advance agent; that Mr. Hallowell had said he would present such and such matters on this occasion, and said, "I never go back on my advance agent and will proceed to discuss the matters as per the advertisement."

The story that Mr. Simpson wore no socks was a pure invention of the youngest reporter on the Wichita Eagle, now Hon. W. Y. Morgan, editor of the Hutchinson News. Appreciating the grotesqueness of the story, and knowing full well that many of his sympathizers were not much better provided than himself with clothing, he accepted the reporters' statement as true, but pictured his opponent, the "Prince," as clad in silk stockings and various articles of raiment which, to the self-denying pioneers of his district seemed entirely superficial and to smack of dangerous luxury. The result of the election was a complete surprise and rout of the forces of the "Prince," and the triumphant election of the sockless statesman to Congress. The story of his campaign had preceded him, and Washington reporters were prompt to give him a notable reception. His coming was certainly good for columns of copy, for which they were paid at regular rates.

The writer was in Washington after Mr. Simpson had served for a few months in Congress. In the gallery of the House he was introduced to the relatives and friends of Congressmen from various States. One introduction was followed by exclamations like this: "Oh! you're from Kansas. Do you know Jerry Simpson?" Another "Oh! you are from Kansas. Have you seen Jerry Simpson? He sits right over there in the middle of the floor. There he's getting up." Another "Oh! you know Jerry Simpson. Well, he

takes care of himself on this floor." And so the comments ran through many introductions, but not another member of the Kansas delegation was inquired about or seemed to be of any consequence in the estimation of the gallery people. It should be remembered that to say of a new member that he takes care of himself on the floor of the House is about the highest compliment that can be paid him.

Mr. Simpson's early education was doubtless rather meagre, but he had made good the lack, as far as possible, by copious and careful reading. His memory was excellent, his love of history was overwhelming, so that he was more than a match for the average debater where points of history were involved.

He was a conspicuous and earnest part of a movement which has passed into history so far as its name and organization goes, but some of the principles it advocated, some of the abuses it brought to light, and some of the propositions which it favored have been adopted by one or both of the dominant parties and are vividly recalled to the mind of the Alliance man of the early 90's by the restrictive enactments of the last Kansas Legislature, some of the more recent utterances of President Roosevelt and Governors LaFollett of Wisconsin and Deneen of Illinois, while the wild vagaries of some of the enthusiasts of the early 90's are passing from memory.

E. B. C.

Kansas Farmers' Institutes.

EDITOR KANSAS FARMER: Several institute circuits are now being arranged by the secretary of the farmers' institutes. It will be necessary in most cases, therefore, for farmers who want institutes to send their requests and their preferred dates early and allow their point to be fitted into a circuit. The first complete circuit to be announced covers points in Mitchell, Osborne, and Lincoln Counties. It began with Downs, November 1; Osborne, November 2; and continues with Excelsior (near Glen Elder), November 3 and 4; Pleasant Hill, November 6; Yorktown, November 7; Sylvan Grove, November 8; Lincoln, November 9 and 10. The speakers for this trip are Mrs. Henrietta Calvin of the domestic department, and assistant Prof. R. E. Eastman of the department of horticulture.

Another series is nearly completed, starting at Ellsworth, November 6, and going to Oakley and back by way of Hoxie and Hill City. All the dates for this trip had not at the time of this writing been taken. Professor Erf, of the college, and Acting Superintendent Elling, of the Hays Station, will be the speakers for this circuit.

Another series will center at Altamont, November 10 and 11, and several dates for this trip are not yet closed. Professor Wheeler of the department of animal husbandry is the only college speaker assigned at present for this trip.

The biggest work of all is the corn and wheat train over the entire Rock Island system, the speakers being President Nichols and Professors Ten-Eyke, Willard, and Shoemith.

Another series now being prepared centers about Hackney, December 6 and 7; and several dates on this circuit are still open. The department desires to hold several series of institutes in Eastern Kansas, beginning about the last week in November, emphasizing corn-breeding, alfalfa, dairying, and feeding, as the professors of these departments will not be able to do much institute work during the winter months, on account of the short course in agriculture and dairying in the college.

A series of institutes can be conducted, if desired, during the holidays. Who will be the first to call for these dates? It is also desired to hold this winter several county campaigns, giving a whole week to one county, and emphasizing but one or two subjects. This can not be done until the first of the year, but considerable time will be necessary to arrange for these.

A TRULY IDEAL WIFE

HER HUSBAND'S BEST HELPER

Vigorous Health Is the Great Source of the Power to Inspire and Encourage—All Women Should Seek It.

One of the most noted, successful and richest men of this century, in a recent article, has said, "Whatever I am and whatever success I have attained in this world I owe all to my wife. From the day I first knew her she has been an inspiration, and the greatest help-mate of my life."



Mrs. Bessie Ainsley

To be such a successful wife, to retain the love and admiration of her husband, to inspire him to make the most of himself, should be a woman's constant study.

If a woman finds that her energies are flagging, that she gets easily tired, dark shadows appear under her eyes, she has backache, headaches, bearing-down pains, nervousness, whites, irregularities or the blues, she should start at once to build up her system by a tonic with specific powers, such as Lydia E. Pinkham's Vegetable Compound.

Following we publish by request a letter from a young wife:

Dear Mrs. Pinkham:

"Ever since my child was born I have suffered, as I hope few women ever have, with inflammation, female weakness, bearing-down pains, backache and wretched headaches. It affected my stomach so I could not enjoy my meals, and half my time was spent in bed."

"Lydia E. Pinkham's Vegetable Compound made me a well woman, and I feel so grateful that I am glad to write and tell you of my marvelous recovery. It brought me health, new life and vitality."—Mrs. Bessie Ainsley, 611 South 10th Street, Tacoma, Wash.

What Lydia E. Pinkham's Vegetable Compound did for Mrs. Ainsley it will do for every sick and ailing woman.

If you have symptoms you don't understand write to Mrs. Pinkham, at Lynn, Mass. Her advice is free and always helpful.

Therefore if these are desired by the farmers of any county, correspondence should be had with the secretary very soon.

No expense is attached to holding a farmer's institute—that is, for the local committee—except for local arrangements, place of meeting, and hotel for the speakers. The Agricultural College will print circulars and furnish programs free of charge. Correspondence should be taken up early as it is not the policy of the college to send speakers on long trips for a single institute.

J. H. MILLER,
Secretary Farmers' Institutes,
Kansas Agricultural College.

How To Completely Remove Corns and Bunions.

They are a source of great annoyance and discomfort, and can be completely eradicated in a simple and inexpensive manner, with no possibility of danger. Cutting with a knife is dangerous and often causes blood poisoning and caustic chemicals are bad. I have quickly and permanently cured myself and will gladly give the information to any one who will send me a stamped self-addressed envelope for reply, absolutely free of cost.

Address, J. C. Bush, Room 5063E Metropolitan Building, New York City.

Save in Stove-Buying.

Farmers have learned that there are many articles which they have long been buying from local dealers and paying exorbitant prices for, which can be bought from the manufacturers at a great saving. Not only the lighter goods, which can be sent by mail or express, are in this class, but heavier articles such as machinery, regularly shipped by freight, are included. Nowhere is this better illustrated than in the matter of stoves.

It is thought by many that because stoves are heavy they are articles to be bought only at home. But why? It is not on account of freight. The local dealer has his freight to pay. Moreover, he usually buys from a jobber or middleman. That means a local dealer's profit, a good, round one, and the jobber's profit, both in addition to the

freight charge, and when you buy from a local dealer, you must pay all three. The freight, indeed, is by far the smallest item of the three, and is, in most cases, insignificant.



Let us illustrate by a concrete example. We will suppose a reader near Omaha is buying a range from that great Chicago stove concern, the Marvin Smith Company. It is a large, heavy steel range, with warming closet, hot-water reservoir, and all appointments such as their famous Chicago Queen, and weighs say, 500 pounds. It ships as third-class freight. The rate is 45 cents per hundred, making \$2.25 for laying the range down in Omaha or other towns practically 500 miles away from Chicago. What does it amount to? Does any one suppose that it is an explanation of the vast difference in price charged by the Marvin Smith Company and what he would have to pay his local dealer for a range of like character? Let any one make the test for himself: Send and get the catalogue of this company, select his stove or range, ascertain its weight and freight, which he can easily do from the catalogue, and then ask his local dealer what he will sell such a stove for. The experiment is worth trying. It is an object lesson as to exorbitant profits people are unwittingly paying stove dealers.

We mention the Marvin Smith Company because it is one of the country's greatest stove concerns. They are reliable and they do sell stoves at astonishingly low prices. Everything of stove or range or heater kind is in their line, and the advantage shown in the foregoing illustration applies to every stove and range shown in their catalogue. They give a strong guarantee and sell under a most liberal, free-trial plan. They publish a large, well-illustrated catalogue with full descriptions, illustrations and lowest factory prices of every range or stove, well planned to facilitate buying by mail. The catalogue is mailed free to any one writing for it. With such an opportunity for buying at greatly reduced prices regularly advertised to rural people in our columns, we feel that stove-buyers stand in their own light if they do not avail themselves of it.

Special Homeseekers' Excursion to Michigan.

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

Your Life Current.

The power that gives you life and motion is the nerve force, or nerve fluid, located in the nerve cells of the brain, and sent out through the nerves to the various organs.

If you are tired, nervous, irritable, cannot sleep; have headache, feel stuffy, dull and melancholy, or have neuralgia, rheumatism, backache, periodical pains, indigestion, dyspepsia, stomach trouble, or the kidneys and liver are inactive, your life-current is weak.

Power-producing fuel is needed; something to increase nerve energy—strengthen the nerves.

Dr. Miles' Restorative Nervine is the fuel you need. It feeds the nerves, produces nerve force, and restores vitality.

"When I began taking Dr. Miles' Restorative Nervine and Anti-Pain Pills I was confined to my bed. I had severe nervous spells, the result of two years illness with malaria. I gradually grew so weak that I was unable to sit up. The spells would commence with cold chills, and I would become weak and almost helpless. My circulation was poor. I had doctored right along but grew weaker and weaker. The Nervine seemed to strengthen me right away and my circulation was better. I have taken in all seven bottles of the Nervine, and I am entirely well."

ROSA E. WEAVER, Stuarts, Ia.
Dr. Miles' Nervine is sold by your druggist, who will guarantee that the first bottle will benefit. If it fails, he will refund your money.

Miles Medical Co., Elkhart, Ind

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Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1896).
Give and Get Good Club, Berryton, Shawnee County (1902).
Women's Literary Club, Osborne, Osborne County (1903).
Women's Club, Logan, Phillips County (1903).
Domestic Science Club, Osage, Osage County (1898).
Ladies' Crescent Club, Tully, Rawlins County (1903).
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1898).
Chautau Club, Highland Park, Shawnee County, (1903).
Ouldas Club, Phillipsburg, Phillips County (1903).
Literature Club, Ford, Ford County (1903).
Sabeen Club, Mission Center, Shawnee County, Route 1, (1899).
Star Valley Women's Club, Iola, Allen County (1902).
West Side Forestry Club, Topeka, Shawnee County, Route 8, (1903).
Fertnigt Club, Grant Township, Reno County (1903).
Progressive Society, Resalia, Butler County (1903).
Pleasant Hour Club, Wakarusa Township, Douglas County (1899).
The Lady Farmers' Institute, Marysville, Marshall County (1903).
Women's Country Club, Anthony, Harper County (1903).
Taka Embroidery Club, Madison, Greenwood County (1903).
Mutual Improvement Club, Vermillion, Marshall County (1903).
Frontis Reading Club, Cawker City, Mitchell County (1903).
Cosmos Club, Russell, Kans.

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

MISCELLANEOUS PROGRAM.

Mission Work in the World.

Roll call—Missionary heroes.

I. Joseph Hardy Neesima.

II. Results of missionary efforts in Japan.

III. Dr. H. A. Schaeffer.

This subject is so broad that one hardly knows what to choose. I have chosen Joseph Hardy Neesima in connection with Japan, because of the prominence to which the little island has come on account of the recent war. For months all eyes have been turned toward Japan and it has been making history rapidly. The life of Joseph Neesima reads like a story. In 1864 he ran away from home, and came to the United States for the purpose of learning the English language that he might translate the Bible into his own tongue for the benefit of his countrymen. He was educated by Alpheus Hardy of Boston, one of the owners of the ship in which Neesima came to this country. He graduated from Amherst and took a theological course at Andover and returned to Japan where he spent his life for the upbuilding of his people. He founded the Doshisha, the University of Tokyo, where science and Christianity are taught. He lived only 47 years, but they were years of concentrated power and knowledge consecrated to the work of serving his country.

Robert Morrison, the pioneer of missions in China; William Carey, the "shoemaker missionary" of India; Jno. C. Paton, Livingston, Hudson, Taylor, or any other may be substituted for Neesima in this program.

11. Dr. Schaeffer gave nearly fifty years of his life to missionary service. He distinguished himself as a linguist and translator, having command of German, French, Greek, Turkish and Bohemian, beside English. He was born in Constantinople, but spent the latter part of his life in the United States in mission work in Cleveland among the Bohemians.

Jerry McCauley, of the New York slums; Jane Addams, of Hull House, Chicago, or others too numerous to mention, may be used for the one mentioned in the program given. Material for these sketches may be had by sending to Miss Wingate, 40 Dearborn street, Room 523, Chicago, Ill.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON.

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Fourth Quarter. Lesson VI. Esther
iv, 10—v, 3. November 5, 1905.

Esther Pleading for Her People.

The Book of Esther is like a mountain stream. It is transparent and swift. It runs its course in ten short chapters. Yet the little book is a mirror of the human soul. It reflects



Simpson - Eddystone Silver Greys

Economical because they keep their freshness and wear so long. One dress made of these goods is worth two made of ordinary materials. Attractive patterns of fast color, appropriate all the year 'round.

Ask your dealer for Simpson-Eddystone Silver Greys.

Three generations of Simpsons have made Simpson Prints.

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THIS PRIDE KING HEATING STOVE \$3.90

This is positively the lowest price ever made for a genuine Oak Heater, fully guaranteed or money back. PRIDE KING has a draw center grate, corrugated cast iron fire pot, sheet steel body, heavy cast base and heavy cast front with large front door hung on double hinges, heavy cast swing top, heavy cast ring at joining of body and fire pot, large cast ash pit door, two screw draft regulators, and is the only stove of its kind supplied with an ash pan. The \$3.90 price is for stove with wood grate; coal grate 10 cents additional, making a powerful heater that will burn wood, hard or soft coal. A beautiful stove, full nickel trimmed, as shown in cut. Write for it today—it's the best stove bargain of the season.

FREIGHT PAID



Ask us how you can save \$150 to \$250 a year on your household supplies. Others are doing it, why not you? The plan is simple—you get 10 per cent discount on everything you buy. Write today for information.

Our 1,000-page FREE merchandise catalog has hundreds of stove snaps you can't find anywhere else. Write for it NOW; it will save you money every day. Co-Operative Society of the National Supply Co., Lansing, Mich., Chicago

all passions and emotions. It has been described as a truly wonderful and paradoxical history, and it is affirmed that the customs and arrangements of the Persian court are vividly and correctly depicted in it. Aside, then, from the question of inspiration, the book commends itself to those who seek the best literature.

The fate of a race of exiles trembles in the balance held in the hand of a capricious despot. How the irreversible decree shall be reversed is the problem. In the solution the destiny of the Hebrew nation is involved and with that also the Scripture, ritual, and hope of the Messiah. On the dark background of the plot the characters of the deliverers stand like white cameos in clear-cut outline and high relief.

Mordecai, by a sign ever significant among the Jews, arrests the queen's attention; and even through the watchful cordon of a Persian seraglio, conveys to his adopted daughter the fearful news and the urgent request for mediation. That Esther hesitates enhances the heroism of her ultimate course. Life is dear to her, as it is always is to a young and thoroughly healthful nature. She does not covet or court martyrdom. Yet at length, having viewed the case from every standpoint and weighed the matter thoroughly, she deliberately assumes the mediatorship, exclaiming, "If I

perish, I perish." The courage, patriotism, piety in that act is unsurpassed.

Yet even then she used the utmost tact. She drew upon all the fertile resources of her womanly wit. With no lachrymose face, nor disheveled hair, or piercing cries did she run into the king's presence; but, every inch a queen, with dignified and womanly carriage, with completest toilet, and all the witching charm of her peerless beauty, she stood unbidden and fully conscious of her peril. Her jeweled foot pressed her grave. A score of cimeters flashed in air, and the tessellated pavement might have taken one more hue, a crimson one; but again the fickle heart of Xerxes was in the Lord's hand. He held out the golden scepter. Esther touched it, and was safe.

This peerless drama hastens to its denouement. The queen makes no request. Instead she gives an invitation. Xerxes and Haman are the guests. Then comes a second invitation. The changeable, violent, cruel tyrant is fairly tangled in the silken meshes of the net that love has spun. Between the first and second banquets comes that indescribably significant scene in which Mordecai is lifted from the dung-hill and mounted like a prince, while Haman, pride's very incarnation, is made to hold his bride-rein. Changes of fortune are of God.



MAYER MARTHA WASHINGTON COMFORT SHOES

are designed for extreme comfort and can be worn all the year round. They fit like a glove and feel easy on the feet. The elastic at the sides stretches with every motion of the foot, making it impossible to pinch or squeeze. No buttons to button, no laces to lace—They just slip on and off without trouble.

Made of Vici Kid, with patent leather trimmings and flexible soles.

Your dealer will supply you; if not, write to us. Look for Martha Washington name and Mayer trade-mark stamped on the sole. We also make Western Lady shoes

FREE

Send us the name of a dealer who does not handle Martha Washington Shoes and we will send you free, postpaid, a beautiful picture of Martha Washington, size 15 x 20.

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

BARN PLANS—WATER.

(Continued from page 1099)

been disappointed and the prospect for leisure in which to do such work is not encouraging. Every farmer who contemplates erecting so large a barn as is here implied, should procure the book, "Farm Buildings," published by the Sanders Publishing Co., Chicago. This book gives plans and descriptions of many large barns which have been built and are in use.

Doubtless readers of the KANSAS FARMER can contribute valuable advice and plans.

The writer has inquired of several farmers as to the expediency of baling the alfalfa. Opinions are not uniform. Probably a majority think it better to provide sufficient room to store the hay without baling. The cost of baling will pay the interest and repairs on a good deal of barn-room. Again, the extra labor of opening the bales adds considerably to the expense of feeding out the hay.

It is preferred by many to place the several kinds of stock in separate barns. In any case, it is well to have the hay under the same roof with the stock and so arranged that it can be fed with little handling.

Whether it will be better to dig or drill a deep well for water, or to use that which is near the surface at a distance of 125 yards, is a question that can scarcely be answered intelligently without a fuller statement of probable depth of the proposed deep well and the expense of making it. It is entirely feasible to pipe the water 375 feet to the barn. A good, large air-chamber is needed on the force-pump which should be driven by a windmill. Not less than 1 1/4-inch pipe should be used for the conduit. A gathering tank or, in suitable location, cistern should be placed high enough so that the water will flow from it to places where used. If a tank, this receptacle may be placed in the windmill tower.

ALCOHOL IN INDUSTRIES.

The agitation for tax-free alcohol for industrial uses is again renewed by the "Committee of Manufacturers." This committee is composed not of producers of alcohol but of manufacturers of various products in which alcohol is used, as in the preparation of varnishes, or in which it might be used if sold at a sufficiently low figure, as in engines as a substitute for gasoline. This latter use is having a great development in Germany and other countries where the special tax is removed from alcohol for industrial uses. In the engine it is said to be superior to gasoline, being cleaner.

The great extension of the use of the gasoline engine has resulted in such advances in the price as to make

a substitute exceedingly desirable. The gasoline engine is becoming common on the farm. It is a most useful and convenient motor and is made to do much work. Its use as a motor for the small electric generator bids fair to make the electric light available to the average well-to-do farmer. Further considerable advances in the price of gasoline will interfere greatly with this development. Aside from the tax alcohol can be made at a cost which should constitute it a regulator of the price of gasoline. Alcohol is made in this country chiefly from corn. Its wider use might serve also as a regulator of the price of corn.

The fear that tax-free alcohol would be used as a beverage is allayed by the proposition that to escape the tax it must first be made undrinkable by well-known processes.

"GOVERNMENT REGULATION OF RAILWAY RATES."

That the people of the United States are to be plentifully provided with literature opposed to effective Government regulation of railroad charges is constantly becoming more apparent. The latest is a book of 486 pages by Prof. Hugo R. Meyer of the University of Chicago and published by the Mac-Millan Company. When it is known that the University of Chicago is the institution to which John D. Rockefeller has given many millions, there will perhaps, be little surprise when he says:

"Every effective effort to regulate 'railway rates in general will arrest 'the decline of rates by producing a 'dead-lock of conflicting sectional interests, will prevent the railways from 'developing a volume of traffic sufficiently large to justify the maintenance or the building of railways of 'the highest attainable efficiency, will 'check the development of the resources of the country and will demoralize the politics of the country."

All of this would be terrible if it should happen. But the professor has here entered the realm of prophecy. People of Kansas, like those from Missouri, will have to be shown before they will be scared about the coming of the enumerated calamities. If Mr. Meyer will prove that one of these woes will descend upon this country, on account of a reasonable, just, and effective law which shall provide for fair dealing between carriers and people, his book will not be without value. Really, the Chicago professor has evidently imposed upon himself by making himself believe that a positive statement is as good as proof.

The book is written in an interesting manner. It may sell well. It may serve as an "authority" to whose statements "spellbinders" can refer with confidence. It does brush away some of the rubbish that has appeared in the utterances of uninformed advocates of radical measures, but a hasty examination fails to disclose conclusiveness of argument on the main proposition.

If a man has a cheek of brass, perhaps he can afford to use any old soap for shaving. Most men, however, must steer clear of ordinary soaps. If they wish to shave with ease and safety. Common soap is too harsh for the delicate skin of a man's face. It yields a thin, miserable lather; the razor pulls, and the skin is left sore and rough. Williams' Shaving Soap is made especially for shaving tender faces, and yields a rich, lasting lather, and leaves the skin soft and velvety. As per their offer in another column, the J. B. Williams Co., Glastonbury, Conn., will send you free a trial sample. "Be fair to your face."

Rhodes Hereford Sale.

Will H. Rhodes, who was such a conspicuous winner at the McPherson and Hope fairs with his exhibit of Hereford cattle, announces his annual sale on another page. A number of the animals in the show herd will be included in this sale and all of them are in fine condition and highly bred. This will be a remarkable opportunity for lovers of this breed to get choice cattle and those that are prize-winners at this sale. Another remarkable thing about this sale will be that there will be 15 calves given away with their dams. A nice way to start a herd would be to buy some of these dams and have calves thrown into the bargain. Two-thirds of the females in the sale are granddaughters of Java, Wild Tom, Beau Brummel, Beau Donald, and Lamplighter. Surely no better breeding could be gotten together in any one offering. Mr. Rhodes is an old student of the Kansas State Agricultural College, who went direct from

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. OPEN RIVER TO THE OCEAN. Write for particulars.

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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.
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 OUR CROPS—Five to eight tons alfalfa per acre per year—potatoes three to five hundred bushels—two crops timothy and clover—wheat 40 to 60 bushels, oats 20 to 30 bushels, barley 40 to 60 bushels per acre. All fruits raised to great perfection.
 Write or call on any of the following citizens of Nampa, IDAHO: E. W. Furjum, 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 & Wilterding, Townsites; W. F. Prescott, Lands; Dewey Livery Stables.

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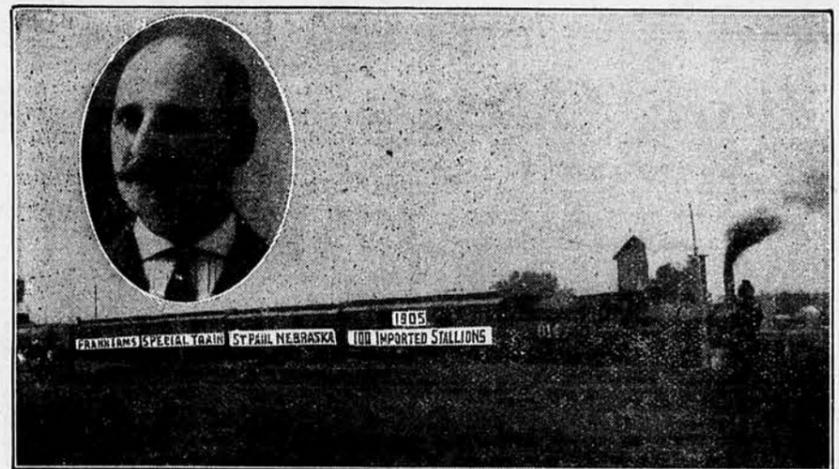
are not found in the SNAKE RIVER VALLEY, but here is found the most beautiful tract of agricultural land in the United States, and you do your raising, and have no failures of crops, that's irrigation. No Cyclones or Blizzards. This country needs live, wide-awake men, who wish a new home in the rapidly 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. H. Moon, Farmer; Chas. H. Heritage, Riverside Hotel; Miller Bros., Grain Elevator; Skalet & Shell, General Merchandise; Chas. S. Watson, Druggist; Gray & Ross, Townsites; W. W. Youmans, Harness Store.

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

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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 "holer." 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

NEARLY TWO YEARS OLD

The Southwest Limited will be two years old on December 6, 1905. Since it entered the field there has been a general betterment of train service between Kansas City and Chicago, but the train that set the pace still leads. Its route is via the

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Leaves Union Station, Kansas City, 5:55 p. m.; Grand Avenue, 6.07 p. m., arrives Union Station, Chicago, 8.20 a. m. A postal card will bring you complete information about rates, routes, and train service.

G. L. COBB, Southwestern Passenger Agent,
907 Main Street, KANSAS CITY, MO.

the school to the farm and successfully applied his knowledge of good livestock and good agriculture. The result has been that he has made a conspicuous success as a breeder of both Hereford cattle and Berkshire swine. This sale will constitute what will probably be the choicest offering of Hereford cattle to be made in the State of Kansas this season. Mr. Rhodes will take pleasure in mailing catalogues to interested parties and mail-order bids may be sent to the auctioneers. Notice has advertised on another page and mention the Kansas Farmer when you write.

Scotch Shorthorns at Omaha.

The Woods Investment Company, Lincoln, Neb., announces a sale of Scotch Shorthorns at South Omaha, Wednesday, November 15, in which will be offered some grandly-bred Scotch cattle and a liberal number of Canadian-bred Shorthorns that will interest progressive farmers, ranchmen and breeders. These cattle were selected from a number of the leading herds of Canada with a view to providing a high-class offering. Increased interest attaches to the event as J. G. Robbins & Sons, Horace, Ind., contribute approximately 20 head from their herd that has for many years produced prize-winners at the leading shows of the country. When a member of the firm of Woods Investment Co. left for Canada this fall to select this sale offering he was instructed to secure nothing but high-class cattle. It is the purpose of this firm to offer a superior collection in order partly to demonstrate that good cattle may be expected in the Omaha sales. It is a fact well known that for two or three years past the cattle offered at Omaha have included too large a percentage of inferior lots and this firm desires to interest breeders with an offering of superior

merit. This consignment includes representatives of the Brawith Bud, Crimson Flower, Nonpareil, Mina, Louisa, Rose of Strathallen and other Scotch sorts that have met with popular favor both in Canada and the States and includes sons, daughters, grandsons and granddaughters of some of the greatest Canadian sires, among them Imp. Golden Drop Victor, Young Abbotsburn, Rantin Robin, Royal Hero, Spicy Robin, Scottish Knight, King James and others. In the selection of these cattle pains were taken to secure the best blood lines and individual merit available, and a number of prize-winners were obtained. The cattle shipped through in good form and will present a good appearance on sale day. An unusual opportunity will be extended to breeders who are in need of herd bulls, as several very good Scotch bulls are listed. The red Royal Star, a January 2-year-old, bred by John Watt, Salem, Ont., was got by Coming Star, a bull of Watt's breeding, that was successfully used by Andrew Stewart, Newton, Iowa, at the head of the herd. Mr. Stewart recently disposed of a 10-months calf by Coming Star for \$600 and he is without question one of the best Shorthorn bull calves that has changed hands this fall.

In the list of bulls are several yearlings and under-year Scotch. There are some outstanding females of Scotch breeding, among them several Canadian prize-winners that should not be overlooked by breeders desiring to improve the character of their herds. The catalogues may be had by addressing the Woods Investment Co. at Lincoln. This company extends a cordial invitation to stockmen throughout the entire country to participate in the event and make the prices. This is its first effort in the line of selling high-class cattle at auction and it has put forth an effort worthy the support of the breeding fraternity.

"International postponed until December 16th to 23d, owing to inability to complete the new building on time, on account of contractors not making deliveries of Structural Steel as per contract. All events will take place corresponding days of week.

"Yours respectfully,
"W. E. SKINNER,
"General Manager."

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C. O. Parsons, Clearwater, Kans.
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George Miller, Bluff City, Kans.
Marshall Bros., Burden, Kans.
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DUROC-JERSEY HOGS.

J. F. Stodder, Burden, Kans.
Marshall Bros., Burden, Kans.
C. R. Hastings, Milan, Kans.
R. K. Akers, South Haven, Kans.

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J. R. Cooper & Son, Winfield, Kans.
C. A. Shields, Derby, Kans.
E. Forward & Son, Clearwater, Kans.
F. H. Brown, Winfield, Kans.
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Chas. M. Johnston, Caldwell, Kans.
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All will be sold without reserve.

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Miscellany

Some Insect Pests to Be Treated by Fall Plowing.

ELBERT S. TUCKER, MUSEUM ASSISTANT
IN SYSTEMATIC ENTOMOLOGY, UNIVER.
SITY OF KANSAS, LAWRENCE.

(Continued from last week.)

THE SOUTHERN CORN-LEAF BEETLE.
(*Myochrous denticollis*, Say.)

Please tell me through the KANSAS FARMER what these bugs are; they are killing the corn on upland. They gnaw the stock.

Douglass, Butler County, Kansas, May 2, 1905.

The insects enclosed with the above letter were so badly crushed in coming through the mail that a request was necessarily made for other specimens, which arrived a few days later, when the pest was identified as the Southern Corn Leaf-Beetle, *Myochrous denticollis*. Under date of May 12, a second letter, which accompanied the perfect specimens, read as follows:

"I send you some more of those bugs. They are still eating the corn; they gnaw it off at the top of the ground and are working on the early corn the worst. Will they stay in the ground and eat the corn next year?"

The insect in question belongs to a family of leaf-eaters, known as the Chrysomelidae, of which the Colorado Potato-beetle is a familiar example. Only in recent years, however, has the Southern Corn Leaf-beetle attracted attention as an injurious insect, and its life-history does not seem to be very well known. The attacks of this insect on young corn were first noted by F. M. Webster in Louisiana in 1897, and in June, 1900, his attention was called to it in Ohio, regarding which he says in his notes entitled, "Insects of the Year in Ohio" (see Entomology Bulletin 2, U. S. Dept. Agric.): "The territory infested comprised all the corn-fields contained in an area of 3 miles square. In all cases the infested corn-fields were upon land which had been the year previous either in pasture or lying out wild. A very few of the beetles were found upon blue-grass. In the insectary, however, they seemed to prefer corn first, next timothy, and lastly the blue-grass. In this case, the beetles were not observed to feed upon the stems of the corn-plant below the surface of the ground, but upon the leaves and leaf sheaths. The feeding was done during the morning and evening, or upon cloudy days. When there were drifting clouds the beetles would come out and feed while the sun was under a cloud, but go back into their hiding-places in the ground when the sun came out bright and warm. During the day they were observed, to hide in the crevices of the soil and in the loose dirt near the corn-plants, from 2 to 15 being found in close proximity to the different hills. The beetles are densely punctate on the back, and these cavities retain more or less of the soil, which gives the beetles the same general color as the ground. They seem to have no inclination whatever to fly, but run quite rapidly. One female that was dissected contained 5 yellow, cylindrical eggs, estimated to be about 1 mm. in length.

"It would therefore appear that the insect is one that feeds upon, and probably its larvae also develops upon grass. In the latter stage it appears to be of subterranean habits. At present no remedial or preventive measures have been tried."

The beetles are of plump form, though small in size, not measuring over three-sixteenths of an inch in length, and are black, unless discolored by soil. The name of the species was included in the first list of Kansas coleoptera in 1877, by Prof. E. A. Popenoe, who then reported it common in the eastern part of the State. Mr. W. Knaus, of McPherson, has had it from Central Kansas, east and southeast.

Continued cultivation of the land where it has appeared will suppress the pest, hence it need not be greatly feared another year, since it seems to

thrive naturally on sodded ground, whether with wild as well as with cultivated grasses is not stated. All sod-ground in particular should be plowed in the fall for next season's use for many reasons, an important one being that the development of numerous kinds of insects inhabiting the turf may be suppressed or checked from becoming pests to the cultivated crop there intended to be grown.

One pest may follow another as proved to be the experience of this same farmer, whose third letter, dated June 14, stated: "You will find in box some specimens of corn-worms that are eating my corn. Please let me know if there is anything to do to stop them. Those Southern Corn Leaf-beetles, like those I sent you some time ago, did lots of damage; there were hundreds of acres of corn planted over. I replanted mine and now these worms are eating the plants."

Specimens of the so-called corn-worms failed to arrive; they may have been garden web-worms, which have been fully treated by other writers in the KANSAS FARMER; or, more likely, if the crop was on sod-ground, turf web-worms, otherwise called sod-worms, which might be profitably mentioned here as another subject for the purpose of inducing fall plowing.

TURF WEB-WORM, OR SOD-WORM.
(*Cramtus exsiccatus* Zell; Order, Lepidoptera.)

Diagnosis.—In corn-fields planted on sod-ground, a slender, whitish worm may destroy two or three plantings, often cleaning the whole field in a day or two after the corn appears above the surface. In pastures, extensive patches appear withered or dried, and in these patches numerous burrows just beneath the surface of the sod may be found, each containing a worm or a chrysalid or deserted cocoon. During June and again in the fall immense numbers of small, whitish moths swarm at night around any accessible light, and in the day-time spring up in clouds in front of a person walking in an infested field.

Description and Life-history.—The moth is of a light ash color with two obscure, oblique, dark stripes passing from the hind border towards the apex on the front wings. The length of the body is about one-half an inch, and the wings expand about one inch and a quarter. The worms noticed in spring pupate in cocoons in thin, silk-lined burrows, and the moths issue in June and swarm in great numbers till early in July. They lay eggs which hatch in eight days from time of deposition; each moth lays at least 100 and probably 200 eggs. The larvae of this brood mature early in August and pupate, requiring about 15 days to pass this stage, and appear as moths in the latter part of August, and remain plentiful till the end of September. These moths lay eggs which hatch in the fall, and the partially-grown larvae, passing over the winter, are the worms noticed in the field in spring.

Remedies.—The pupae (chrysalids) are eaten in great numbers by the little, striped ground-squarrels, so abundant in all our pastures.

Great numbers of the moths can be trapped by placing a lantern over a tub or pan of water in an exposed place where it can easily be seen. A little kerosene should be poured onto the surface of the water.

In valuable sod or lawns, kerosene emulsion may be used.

When the worms are already at work in a corn-field, the cheapest and best remedy is probably to replant, for the larvae must all, or nearly all, mature by the middle of June at the latest, and then no further damage need be feared. In meadows badly infested, plow up and plant to another crop.—Adapted from "Some Iowa Farm Insects," by Prof. Herbert Osborn.

Besides there are many other kinds of injurious insects which could be mentioned in connection with this article only to make it too long. Further attention, however, is directed to subjects previously discussed in the KANSAS FARMER, one in regard to the fall army-worm in issue of February 9,

and another treating of cutworms in issue of May 18, both dates of this year, and for which pests, treatment by fall plowing was advocated.

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anything you choose—milk for instance or alone.

At every meal or for a munch between meals, when you feel the need of an appetizing bite to fill up a vacant corner, in the morning when you wake hungry, or at night just before going to bed. Soda crackers are so light and easily digested that they make a perfect food at times when you could not think of eating anything else.

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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. Send for copy. Agents wanted everywhere.
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160 acres in Kingsfisher Co., O. T. Jack clearing, finest cotton ground, 100 a. in cultivation \$2,500. Also a fine quarter in Woodward county for \$2,800. Both well improved.
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BOOK FREE, explaining our methods, with reports of many interesting cases. Address,
F. HAROLD HAYES, Buffalo, N. Y.

Horticulture
Saving Seed Potatoes.
By Arnold Martin, Pawnee County, Nebraska.

I have practiced intensive farming all my life, and have spent the last seven years in developing a home of 20 acres in Pawnee County, Nebraska. Potatoes are my money-making crop. My usual practice is to take for seed only smooth, perfect shaped, well matured tubers, in size from medium to large, discarding overgrown, ill-shaped potatoes and tubers with prongs. I plant just such potatoes as I should like to harvest a crop of in the fall. From 10 to 15 per cent of my crop will be fit for seed.

TIME AND MANNER OF SELECTION.
When is the best time to select seed-potatoes? Is it in the spring after the good housewife has sorted the pile and has taken the best ones to use on the table? She is not to blame for doing this, she is entitled to good potatoes; but planting the leftovers will not insure a crop of good potatoes. If your own potatoes are not first grade, it will pay to purchase seed from a good potato-grower or to ship in northern-grown seed. To plant potatoes which have been in a pile all winter and have sprouted, often means a poor stand, and many times it means a decrease in yield of from 100 to 150 bushels per acre. The best time to select the seed is at digging time, but selecting the best potatoes from the load does not satisfy me. We must go farther in order to keep up seed, and select the best potatoes from the best hills, hills where the yield is perhaps double that of the average hill. When a man digs his potatoes with a lister plow or digger how is he going to tell from which hill the seed-potato came? You cannot see the hills if you have to mow the potato-patch to get rid of weeds. The up-to-date corn-grower will pick his seed-corn before he picks the other corn, noticing the stalks carefully; he wants a nice, uniform ear grown on an early maturing ear. Why not take as much pains to select our seed-potatoes? If we took as much care in the selection of seed, we would not be troubled so much by seed running out; we could keep many thousands of dollars in the State and we would have better potato-growers.

The low average yield of our potato crop in this State—less than 100 bushels per acre—is a disgrace, and there are several disgraceful causes for it, such as planting culls, not keeping up soil fertility, not cultivating at the right time or in the right manner. It is often claimed that the tubers are not the true seed and that on this account it makes no difference what kind of potatoes are planted, but I know that it does make a difference. If you want to know whether your potatoes are fit to be planted again with the expectation of producing a good crop from them, before you plant boil a few; if they are not mealy and do not crack open, do not plant them; they will grow all right but each year will produce fewer bushels per acre at harvest time. Such seed makes a poor start, produces weak plants of slow growth, and gives a low yield of poor potatoes.

MANNER OF PLANTING.
An experiment carried on by myself last season, by selecting and planting 40 potatoes in good, rich, potato soil, showed that there is a great difference in potatoes in regard to reproduction and yield. Each potato was laid on a sheet of paper and note made of the size, shape, form, the number of eyes, and date of planting. All of these potatoes were cut one eye to the piece. I commenced cutting at the string end and planted by hand as I cut, throwing away the seed end. For each potato I set a stake and attached a tin label thereto, bearing a record of that potato. I had 40 stakes and 40 records. It was interesting to me. Some hills came up more quickly

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Trade Mark Registered.

The difference in worth between a good tool and a poor one is always more than the difference in cost. Counting the time wasted in constant sharpening and the short life of inferior tools, a poor tool is really more expensive than a good one.
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If your dealer does not keep Keen Kutter Tools write us and learn where to get them. Send for Tool Booklet.
SIMMONS HARDWARE COMPANY,
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than others, some were from 3 to 6 inches higher than others all through the growing season, some bloomed, producing seed-balls and others did not. From some potatoes I found from 3 to 6 hills producing seed-balls; these were the thriftiest vines all summer, they were fully 6 inches higher than the others and produced the largest yield—116 potatoes. The lowest yield was 68 potatoes, from a 12-eye potato. Many potatoes yielded over one-half bushel. Blight injured the vines of a few potatoes and there was not as high a yield. Blight would appear on certain potatoes but would not affect others.
I called in a good many farmers and showed them the difference in growth. From noting the shape of the potatoes planted I learned which to choose for seed-potatoes, and I found that "like produces like," "what a man sows that shall he also reap."
HOME-GROWN SEED BEST.
For the past seven years I have continued planting my own seed every year. I have never had a failure, and through the potato I have secured a free home. I do not believe that we have to send many thousands of dollars out of the State each year for seed potatoes, as recommended by seed importers. We must also admit that climatic conditions have changed in Southeastern Nebraska, making it more favorable for this vegetable to grow; the climate has become less arid and the amount of rainfall greater; also, the farmers farm more intelligently.
We are not only able to keep up our seed, but by planting the seed-balls we may raise new varieties adapted to the

climatic conditions. For three years I have grown an early variety of my own production. At the Wakefield, Clay County, Kansas, Farmers' Institute, October 5 and 6, 1905, I delivered an address on Intensive Farming; and while there saw a fine display of potatoes, among them the Seneca Beauty Seedling, originated by J. P. King, an old settler and potato-grower. By selection he is able to keep his own seed year after year. At the Nebraska State Fair I was obliged to compete with the imported seed potatoes, but first premium was awarded to the collection I had grown on my 20-acre farm, by selection of home-grown seed every year. I have no seed for sale. I want to see every man in my locality keep up his own seed; if he can not, there is something wrong somewhere. Why do we talk and say what a great State and rich soil we have, running corn and potato special trains, when we are spending thousands of dollars outside of the State for all kinds of seeds and fruit-trees? It is each farmer's duty to search, to record, and to report for certain localities. If this plan would be adopted, we would be as far ahead in all lines of agriculture, as we are in raising corn and other crops adapted to certain localities. Each man ought to make a small experiment station of his own farm.
ARNOLD MARTIN,
Pawnee County, Nebraska.

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It penetrates to the seat of torture, and relief promptly follows.
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In the Dairy

Autumn Management of Cows— Creamery Suggestions.

One of the great difficulties in the past has been to get the cows from pasture to dry feed without great shrinkage of milk-flow. Comparatively few would feed roots for succulence and thus make the change with the milk-flow uninterrupted. With the advent of the silo this problem would have become minimized but for the fact that so many cow-keepers have no silos. The person who has a good supply of silage and begins to feed some as soon as the pasture gets low or frosted, will soon notice that the cows would rather stay in their comfortable stables than parade over the hills. What is the best the feeder who has no silo can do? Even with the most skillful handling there will be some shrinkage in the milk-flow; but if the grain-ration is liberal and the water supply abundant and regular and the best and most palatable hay is fed, beginning early while the pasture is yet fair, we can bring the cows into winter quarters and on winter rations in a good working condition. The cheapest and easiest grown succulence to piece in while the cows are being put on dry feed is sorghum. It is much easier to grow and harvest than roots, and if cut and set up against a convenient building before a frost, it is very highly relished by the cows and can be fed until real winter sets in—could in fact be fed longer but the stems will freeze solid. The ease with which provision can be made to tide over this trying period leaves no excuse for any one to have his cows shrink excessively just when it is desirable to have a generous output.

THE WEEDS.

It is not often that well-fed cows eat noxious weeds, still there are some weeds that are relished by cows, garlic for example, then some cows simply form bad habits and chew weeds just for all the world like some men. It is a good plan to have the cow pasture as free from weeds as possible, as the milk from even one cow often taints the entire batch very badly. In the spring and fall we have the worst trouble with weed-tainted milk and butter.

There seem to be some peculiar psychological phenomena about the formation of these vicious habits that have not yet been explained. I refer to cows now, not men. I have seen cows form the habit of eating bitter, acrid acorns in the woods in preference to good grass and grain and so ravenous became their appetite for these acorns that they actually killed themselves eating them. You may draw as many morals from this as you wish.

THE ALFALFA.

There is no longer any doubt about our soil producing alfalfa. My personal experience is quite satisfactory and many reports come to me showing that alfalfa hay will be quite a factor in this winter's feeding. Feeders should make careful note of results and report, especially compare it with red clover hay and note the difference if there is any in the average farm feeding. You know the chemist and the fancy feeder will find things that our old cow apparently misses; then again the cow will find virtues that the chemist as yet knows naught about. I have great faith in the chemist, still there are others. He

looks in vain for the anodyne in the catnip that our babe discovers so readily. But I was talking alfalfa. Some farmers think alfalfa is to take the place of red clover. This is certainly a mistake. Alfalfa requires more care and nursing to get a start than red clover, and once it is well started makes a permanent mowing meadow for years to come. It is unwise to sow it on land wanted for rotation cropping; there red and alsike clover is the ideal; but alfalfa has a place on our farms and will become an established crop in a few years. The alfalfa has long roots, as I learned by trying to dig some out. It was said to greatly resist the drought, but I find when the drought comes it suffers from lack of water on the average soil like any other plant and makes a poor growth. With plenty of moisture few plants make a more rapid growth than alfalfa.

THE CREAMERIES.

One of the greatest mistakes the creamery managers often make is not taking the patrons into their confidence. A number of creameries do so and find it pays well in many ways, but the majority of creameries as I know them, excluding the cooperatives, of course try to mystify their patrons rather than enlighten them. They try to make believe that the Babcock test is an awfully complicated procedure, inexplicable to the average farmer's mind, and their other manipulations are presented as though they were all shrouded in mystery and only they had the key. This makes the patrons suspicious and they blame the creamery manager for dishonesty, sometimes justly, often unjustly, but the constant friction makes no end of trouble. Some creamery managers have told me that many tons of water, mixed with the milk, was hauled to their creameries, because the patrons thought the whole testing business was simply hocus-pocus and that canfuls was what counted, and that they could put as much "mystery" in on their side as could the creameryman. But they were indeed mistaken, for in the end they not only hauled the water for nothing but paid to have it run through the machinery; both parties were losers.

A wise creamery manager becomes a conscientious teacher in his community. He not only fully illustrates and explains the fat test, but he will make a strong effort to have his patrons fully understand the entire process of making good butter, his part and their part of the work. He will be solicitous not only about his profit but theirs also; he will make an effort to have every patron read a good farm paper; he will secure club rates; indeed I have met them where a year's subscription was presented to each patron who promised to read the paper and I was informed the investment paid. Recently a creameryman told me he spent days testing patrons' cows free of charge. At first the milk receipts seemed to decrease, but soon they increased, and in time they doubled for the same territory, because the patrons found dairying profitable with selected cows, and increased their number. This paid all around in dollars and good loyal feeling, as I know from some of the patrons I met. They doubt not a word nor an action of their creameryman and want to see him succeed so well that there could be no temptation for him to leave. In instances I know the creamery manager helped the patrons to buy feed in carloads at wholesale. The result was the cows were better fed and both parties were gainers. No, farmers are not angels, but

THE HARVEST THAT NEVER ENDS.

Through fall, winter, spring, and summer the harvesting of the "milk crop" continues year in and year out. The ever faithful cow never fails to add a goodly sum to each year's revenue from the farm. Yet how little many do towards making the most of her product. Hundreds of thousands of dollars are lost yearly by cow owners through failure to employ a centrifugal cream separator and thereby secure every particle of cream from the cow's milk. Over 650,000 DE LAVAL users are daily proving that the increased gain in the quantity and quality of the "milk crop" is from \$10 to \$15 per cow every year when the

DE LAVAL CREAM SEPARATOR

is used, to say nothing of the time and labor saved. Isn't it worth your while to investigate such a saving? If you own three or more cows the practice of economy and good business methods in the care of their product demands a DE LAVAL machine. Remember that one will last from fifteen to twenty-five years, and that it can be purchased upon such liberal terms that it will earn its cost and more while you are paying for it. Illustrated catalogue and full particulars sent free upon request. Write to-day.

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The evolution of the Cream Separator is a topic of vital interest to every farmer and dairyman. Its development into a latter day implement of latter day methods is a showing of the tendency of the times.

There is no safety in being too conservative—neither is there safety in being too careless in the selection of latter day machinery.

All Cream Separators have points of merit—more or less—but it is a time for cool observation and careful determination of the proper course. There is no other way to protect a good name, or to keep a farm from depreciating—to say nothing about making a profit which is the substantial proof of good methods than by using the PEERLESS CREAM SEPARATOR.

For further information and catalogues write

Bradley-Alderson,

Tenth & Hickory. KANSAS CITY, MO.

when I see trouble at a creamery I first look to the creamery manager, and about four out of five times locate the source of it there. Theoretically the cooperative creamery is the ideal, yet I find a number that are dead failures because of the lack of competent management. A patron told me they had a buttermaker who took the "short course." "Now," said he, "if we could get a manager who took a long course in common sense business, we could easily put our creamery on a sound business basis." This is right; we must have a good buttermaker in the creamery, but he can do very little where the manager is a blockhead.—L. W. Leighty in National Stockman and Farmer.

Second Annual Sale of High Class Registered Holstein Friesian Cattle.

By the Western Breeders' Consignment Company, consisting of M. E. Moore, Cameron, Mo.; R. W. Maguire, St. Louis, Mo.; Geo. C. Mosher, Kansas City, Mo., was held at Shady Brook Farm, Cameron, Mo., October 17, 1905, and was a very satisfactory sale. The third combination sale will be held at Hillcrest Farm, Greenwood, Mo., October, 1906. The following is a list of the cattle sold, name of the purchaser, and the prices realized:

58518, J. D. Cox, Bismarck, Mo.	\$310.00
Cow, Empress Josephine 3rd's Lady, 49695, Cook & Son, Maysville, Mo.	210.00
Bull, Sir Skylark DeKol Johanna, 36294, J. D. Cox, Bismarck, Mo.	190.00
Cow, DeKol DeJong 2d, 54251, A. C. Chase, Olean, N. Y.	170.00
Cow, Sissy Baker DeKol, 55807, Perry Lucas, Hamilton, Mo.	170.00
Cow, Segris Pietertje DeKol, 48253, A. C. Chase, Olean, N. Y.	165.00
Cow, Geertje M. 3d's Johanna, 53861, A. C. Chase, Olean, N. Y.	160.00
Cow, DeKol Ethel Scott Clothilde, 58110, A. C. Chase, Olean, N. Y.	155.00
Cow, Shady Brook Inka Parthena, J. D. Cox, Bismarck, Mo.	150.00
Cow, Winnifred Pride Beauty 2d, 54038, A. C. Chase, Olean, N. Y.	140.00
Cow, Pietertje Clothilde Inka 2d, 53634, J. D. Andrews, Marion, Ohio.	140.00
DeKol DeJong, 70680, H. C. Glissman, Jr., Omaha, Neb.	135.00
Heifer, Shady Brook Gerben Lady DeKol, 77547, Wm. Myer, Buxter, Ill.	130.00
Cow, Sylvia Netherland 2d, 53190, Phil. P. Lewis, Crescent, Mo.	130.00
Cow, Henrietta Iva, 63791, F. E. Byrne, Seneca, Kans.	125.00
Heifer, Calif, Ophelia Sanesta Korndyke, 74650, B. L. Baner, Cameron, Mo.	105.00
Cow, Miss Aggie Parthena 3d, 63658, Phil. P. Lewis, Crescent, Mo.	105.00
Heifer, Sadie Gerben DeKol, 74106, A. E. Jones, Roanoke, Mo.	105.00
Heifer, Miss Aggie Gerben 2d,	

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Investigate the low can and enclosed gears. Tubulars have neither oil cups, tubes, nor holes—they oil themselves. They have bowls without complicated inside parts—hold the world's record for clean skimming, durability, capacity, easy turning and easy washing—save half the work—greatly increase the amount and quality of butter—are wholly unlike all other separators. Write for catalog R-165

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

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

Empire Cream Separator Co., Bloomfield, N. J. 811 Temple Block, Kansas City, Mo.

Mo.	75.00
Heifer Calf, Bawn DeKol Hengerveld 2d, 75757, A. C. Chase, Olean, N. Y.	70.00
Cow, Mary of Glencoe, 70680, H. M. Kirkpatrick, Walcott, Kans.	70.00
Cow, Sls 2d's Netherland, 48138, C. D. Webster, Cameron, Mo.	65.00
Bull, Shady Brook Gerben America Lad, 38226, H. C. Gillsman, Omaha, Neb.	65.00
Heifer, Mercedes Pletertje Clothilde, 78800, T. S. Tompkins, St. Paul, Minn.	65.00
Cow, Geertje M 3d, 396, W. Gilmore, Cameron, Mo.	65.00
Bull Calf, Sir Josephine Johanna DeKol, F. E. Byrne, Seneca, Kans.	55.00
Bull, Sir Johanna DeKol Tritonia, M. M. Ballinger, Cameron, Mo.	55.00

THE AMERICAN ROYAL JUNIOR.

Over at Hope, Kansas, are a number of very enterprising breeders of purebred live-stock who conceived the idea of holding a combined show and institute. In carrying out their plans they not only secured some of the best live-stock to be found in the State for exhibition purposes, but they secured the assistance of experts from the Kansas Agricultural College.

The grounds devoted to the fair are within the city limits and so situated that a large, permanent building was devoted to the display of agricultural and horticultural exhibits, and other permanent buildings were given to the hogs, cattle, and horses, while the poultry was housed in a commodious tent. The exhibit was made up from animals bred locally, and was certainly a creditable one in every respect. Prof. Geo. C. Wheeler, of the Agricultural College, acted as judge of the live-stock and Prof. H. C. Kyle of the same institution, judged the agricultural and horticultural products. Both these gentlemen delivered lectures to the assembled farmers and their families in another large tent provided especially for that purpose.

The exhibit of Hereford cattle was especially strong and was made up of three herds. Herefords were exhibited by Will H. Rhodes, Tampa; J. B. Shields, Lost Springs, and A. L. Evers, Dillon. Professor Wheeler tied the ribbons as follows:

Aged bull—First to Rhodes, second to Shields.	
Bull, 2 years and under 3—First to Shields.	
Bull, 1 year and under 2—First and second to Rhodes, third to Evers.	
Bull, under 1 year—First and second to Rhodes.	
Aged cow—First to Rhodes, second and third to Shields.	
Heifer, 2 years and under 3—First and second to Rhodes, third to Evers.	
Heifer, 1 year and under 2—First to Rhodes, second to Shields.	
Get of sire—First to Rhodes.	
Produce of cow—First and second to Rhodes.	
Senior champion bull, junior champion bull, senior champion female, junior champion female, grand champion bull and grand champion female, all went to Rhodes.	
The Shorthorn show was a very strong one and was made up of animals selected from the herds of H. R. Little, Hope; C. M. Garver & Sons, Abilene, and J. E. Landis, Abilene. This includes some of the best herds in the State on which the ribbons were tied as follows:	
Aged bull—First to Little.	
Bull, 1 year and under 2—First to Little, second and third to Garver.	
Bull under 1 year—First and second to Little, third to Landis.	
Aged cow—First to Garver, second to Little, third to Garver.	
Heifer, 2 years and under 3—First to Little.	

Heifer, 1 year and under 2—First to Little.
 Heifer under 1 year—First to Little, second to Garver.
 Exhibitor's herd—First to Little.
 Get of sire—First to Little.
 Produce of cow—First to Little, second to Garver.
 Senior champion bull, junior champion bull, senior champion female, junior champion female, grand champion bull, and grand champion female, all went to Little.

The exhibit of Galloways was not so strong in numbers as was either of the other breeds, though good animals were shown. Mr. Gribbon won first and second on aged cow, second on heifer under 1 year, and senior champion cow. Mr. J. F. Rhodes won first on heifer under 1 year, junior champion female, junior champion bull, grand champion bull and grand champion female.

Owing to an accident, we are unable to give the details of the hog awards this week. The exhibit was very creditable and was especially strong in Berkshires, Poland-Chinas and Duroc-Jerseys.

Hope is the center of a great farming region and one of the greatest breeding districts of pure-bred stock in the State of Kansas and, while the exhibits that have been mentioned here were all drawn from local herds, most of them would have been creditable in the larger expositions. Especially is this true of the Herefords shown by Will H. Rhodes, and the Shorthorns shown by Col. H. R. Little. The Hope Agricultural and Live-Stock Association scored a distinct success in their first show both in quality and number of exhibits and in point of attendance, and we venture the prediction that before the next annual show is held they will be obliged to double the size of their grounds.

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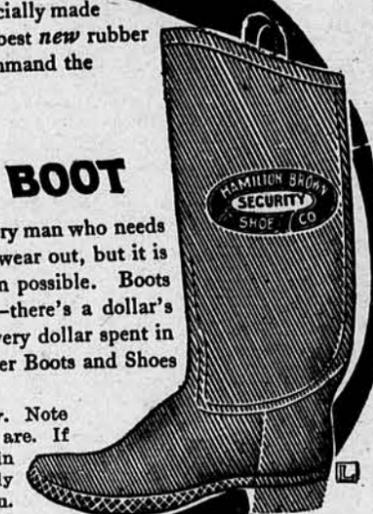
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Go to your dealer and try on a pair. Note carefully how well made they are. If your dealer does not have them in stock he can easily get them for you.



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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.

Gossip About Stock.

(Continued from page 1105)

It is impossible for you to be there in person, bids sent to the auctioneers will be handled to your interest. Mr. Bollin requests all parties desiring choice young Poland-Chinas of either sex to send their bids even if small to either auctioneer. Write for catalogue to either John Bollin or Gus Aaron, not forgetting to mention the Kansas Farmer.

John Bollin and Gus Aaron are making every effort to make their public sale of Poland-China hogs at Leavenworth, Kans., November 8, the best they had ever held. They are each selling yearling sows and boars and spring pigs of March and April farrow of both sexes. They have selected a variety of breeding of that great Darkness and Chief Perfection family, considered by some the most noted family of the breed descended from the Picket, who was at the head of the second prize herd on exhibition at the great World's Fair at St. Louis last year. The State winners, Corrector and Chief Tecumseh 4th, Beauties Extension, Black Perfection, Kansas Chief, Corrector's Equal, are also represented in the offering. Messrs. Bollin and Aaron have grown this lot in a way that will be useful to the people that purchase them. This will be an especially good opportunity for new breeders and farmers to buy good foundation stock as they can select boars of individual merit and choice breeding and gilts of like quality that will be no relation to them. We predict that this will be one of the best opportunities of the season for such a purpose. The auctioneers will gladly execute any orders, to the best possible advantage of the purchasers that are entrusted to them. Write at once to either seller for catalogue and if it is impossible to attend and you find listed anything you are interested in, send a bid to John D. Snyder who will represent the interest of Kansas Farmer readers and will handle the same to your advantage. A low bid will sometimes buy a choice young animal in these sales, as the breeders make a business of selling them when they advertise a public sale.

Everybody interested in improved live stock and in handling better cattle on their farms should read the advertisements of the sale to be held at Wichita, Kans., November 10, 1905, and should arrange to attend this sale, and write to H. E. Bachelder, of Fredonia, Kans., for catalogue and make their plans for this day on to be at the ring side when Col. E. L. Harriman calls the crowd together. W. H. Ransom, of North Wichita, who consigns 10 head, needs no introduction to our readers. He has been before the people of Southwestern Kansas so long with good, useful Shorthorn cattle that it is not necessary to specialize on the offering that he is putting in this sale except to say that they are well-bred young cows and heifers, all due to calve in January and February. H. M. Hill, LaFontaine, Kans., who sells 25 head, nearly all Shorthorn cows and heifers, bred to Imp. Mariner and other pure Scotch bulls. What bulls Mr. Hill includes are well-bred, good individuals of the herd-header kind. Mr. Hill has one of the very good herds of Southern Kansas, and invites correspondence regarding the cattle he is consigning to this offering. Clark & Clark and D. M. Clark, of Fredonia, Kans., each have excellent herds of Shorthorn cattle, the foundation of which they brought with them from Iowa four years ago. D. M. Clark is one of the very old breeders in the business. He has been in the business of breeding pure Shorthorn cattle forty years and the other firm is his son and grandson. They consign two cows each from their respective herds to get acquainted with the breeders and buyers of this section of the country. H. E. Bachelder, the sale manager, is selling some good Shorthorns and is dispersing the balance of the Hereford herd. Write at once for catalogue which will give detailed information. Please mention the Kansas Farmer.

A. E. Schooley's Predominator sale at Archie, Mo., November 24, was handicapped by excessive rains. Having to transfer the offering to a barn, the facilities for lighting which were very deficient, while the local crowd was excellent and the outside breeders' support was very fair, owing to the darkness it was exceedingly difficult to get for the offering what they should have brought by an average of several dollars per head. Three lanterns were used around the ring side. Notwithstanding the adverse circumstances, the average was one of the best of the week's sales. The offering went to buyers as follows: No. 1 to J. R. Campbell & Son, Bowersmill, Mo., \$49; No. 2, C. J. Mills, Pleasant Hill, Mo., \$27; No. 3, Thos. Maxwell, Cleveland, Mo., \$26; No. 4, J. P. Buckley, Garden City, Mo., \$20; No. 5, J. C. Duncan, Adrian, Mo., \$19; No. 6, J. L. Clark, Bolliver, Mo., \$20; No. 7, Mrs. Emma Bundige, Adrian, Mo., \$15; No. 8, J. R. Campbell & Son, \$36; No. 9, W. R. Crowther, Golden City, Mo., \$36; No. 10, J. P. Buckley, Garden City, \$40; No. 11, A. M. Frazier, Archie, Mo., \$36; No. 12, J. P. Buckley, \$27; No. 13, G. E. Leslie, Memphis, Mo., \$29; No. 14, E. L. Elsberry, Adrian, Mo., \$18; No. 15, Flemming Bros., Pleasant Hill, Mo., \$17; No. 16, J. P. Buckley, \$33; No. 17, same, \$16; No. 18, same, \$27; No. 19, same, \$26; No. 20, Dietrich & Spaulding, Richmond, Kans., \$26; No. 21, A. Black, Archie, Mo., \$19; No. 22, J. P. Buckley, \$20; No. 23, E. L. Elsberry, \$26; No. 24, W. R. Crowther, \$19; No. 25, Dietrich & Spaulding, \$29; No. 26, Thos. Maxwell, \$21; No. 27, J. L. Clark, \$22; No. 28, C. L. VanStandt, Archie, Mo., \$20; No. 29, A. T. Tiel, Austin, Mo., \$17; No. 30, same, \$17; No. 31, H. E. Buckley, \$17; No. 32, same, \$17; No. 33, J. L. Clark, \$15; No. 34, C. H. Argenbright, Adrian, Mo., \$48; No. 35, W. T. Williams & Son, Harrison, Mo., \$20; No. 36, Ed. Ware, Douglass, Ill., \$40; No. 37, C. E. Hedges, Garden City, Mo., \$39; No. 38, E. L. Elsberry, \$20; No. 39, E. D. Ecton, Halls-ville, Mo., \$19; No. 40, W. T. Williams

& Son, Harrison, Mo., \$31; No. 41, E. L. Elsberry, \$36; No. 42, Ed. Ware, \$56; No. 43, H. A. Aggeson, \$14; No. 44, E. L. Elsberry, \$44; No. 45, same, \$18; No. 46, same, \$20; No. 47, J. L. Clark, \$25. The average of the entire offering was \$26.35.

The Breeders' combination sale of Shorthorn and Hereford cattle at Blackwell, Okla., November 11, 1905, should interest all our readers. The breeders making this sale are J. P. Cornelius, Braman, Okla., proprietor of Fairhome herd, who will sell 15 head from his select herd. His offering consists of 6 choice bulls just about 1 year old, 3 young cows and 6 heifers all in calf, to scotch-top bulls of more than ordinary merit. T. E. Coffelt, of Blackwell, will sell from Glendale herd 16 head including the Cruickshank herd bull, 118th Duke of Wildwood, 12 cows and heifers nearly all in calf from the above bull, and 3 yearling bulls. Chas. Cornelius, of Blackwell, will sell 2 young bulls and one heifer and the herd bull their sire, 3 years old, by Sempstress Valentine out of a Lord Mayer cow, a young bull of individual merit and good breeding. Henry Berline, of Coldwell, Kans., will sell 2 good bulls; Richard Farrar and Grant Shoemaker, of Braman, Okla., and W. A. Jeffries, of Blackwell, each consign a bull from their respective herds. G. L. Heinhart, Hunnewell, Kans., has 10 Herefords in the offering, 1 cow, 4 yearling heifers, and 5 bulls. These are strong in the breeding of Lord Wilton, the Grove 3rd Garfield and Anxiety blood. Thomas Bros., Tonkawa, will sell 2 choice heifers and 2 young bulls from their Riverside herd. A. S. Gilbert, Ponca City, also consigns 2 head, one of either sex. All these consignors are new breeders in this new country. Their herds are not large but are started with good foundation animals and are being handled with that intelligent care which coupled with the food products and magnificent climate of their particular locality will insure their future place among the breeders of pure-bred Shorthorn and Herefords of the Southwest. They have nearly all been liberal bidders at the Kansas sales held in the last few years, and we believe that the Kansas people will show their appreciation by attending this their first annual sale. J. P. Cornelius will be pleased to answer all inquiries and send catalogue to all who address him at Braman, Okla.

The Belleville Combination Poland-China Sale.

Sixteen Kansas and Nebraska Poland-China breeders consigned hogs to the Belleville sale. It was the opinion of the breeders and fieldmen present that the offering was at least the equal of any that would be made in Kansas this year. Fifty-four head were sold at an average of \$25 per head. This was very low considering the quality; but as nearly all went to farmers and small breeders, it was probably good seed sown on good ground, and the sellers may yet reap from the sale. Jenny Faultless 4th of W. E. Willey's consignment topped the sale at \$60, going to E. M. Jenkins, Byron, Neb. Mr. Jenkins also bought a number of other good ones. Other well-known breeders who were good buyers were: J. H. Cutter, Junction City; O. B. Smith, Cuba; Wm. McKeever, Hubbell, Neb.; J. A. Mosher, Rydall; J. J. Ward & Son, Belleville; H. B. Walter, Wayne; and J. H. Peden, Asherville.

Taking everything into consideration, the sale was a success. In the evening the auctioneers, fieldmen and breeders got together and presented J. J. Ward, the manager, with a handsome gold watch-chain.

The Shawnee Breeders' Association Sale.

On November 9, at the State fair grounds at Topeka, the Shawnee Breeders' Association will hold a great sale of 60 head of Duroc-Jersey swine. F. L. McClelland, of Berryton, is a liberal consignor. Many of his hogs were sired by Lord Bacon 26513 by Olympus 6947A and out of X X X 18004A by Referee 5857A. This offering includes some fall boars and spring boars and gilts that are well grown and ready for use. They are descended from prize-winning stock.

R. B. Marshall, of Willard, consigns a fine lot of well-bred hogs, sired by such great boars as State Limer 31739, Parker Mo 29283 by Brilliant 9265, both bred by W. F. Garrett; Royal 29001 by Modest Tom 10305.

J. W. Ferguson, of Topeka, consigns a choice lot bred by himself and sired by Dandy O 27163 by Shawnee Orion 11179 and Osage Duke 34033 by Sunflower Chief 21375. These are all characterized by large litters, rapid growth, and typical form and color. Taken all together, this sale will prove a golden opportunity for farmers and breeders. Inquiries have already been received from other States for catalogues. Write Secretary I. D. Graham, 116 West 6th Avenue, Topeka, Kans., for catalogue.

Norwood Stock Farm Dispersal.

In this issue of the Kansas Farmer we have an announcement of the closing out sale of standard-bred trotting stock by E. A. Smith, Lawrence, Kans., owner of the Norwood Stock Farm, to be held on Thursday, November 16. The offering consists of 35 head of brood mares, fillies and youngsters. Mr. Smith is one of the leading veteran breeders of this class of stock in Kansas and the West, and it is with much regret that he finds it necessary on account of age and ill health to make a change of climate, and this sale is the result.

In the catalogue announcement of this great offering he says: "It is with deep regret that the announcement is made that this is a closing out sale and that not only all the horses are to be sold, but that Norwood Stock Farm, with its modern residence, its fine buildings and beautiful bluegrass pastures is in the market as well.

Combination Sale of Shorthorn and Hereford Cattle

Longnecker's Barn, W. Douglass Ave.,

WICHITA, KANS., NOVEMBER 10, 1905.

50 = HEAD = 50

W. H. Ransom, North Wichita, sells 10 Shorthorns; all cows well along in calf.

H. M. Hill, LaFontaine, 25 Shorthorns.

Clark & Clark and D. M. Clark, Fredonia, 2 Shorthorns each.

H. E. Bachelder, Fredonia, 10 Shorthorns and Herefords.

Nearly all of the above offerings are cows and heifers bred to choice Scotch bulls.

Auctioneers: R. L. Harriman, Bunceton, Mo.; E. F. Potter, Sterling, Kans.

Send for catalogue.

H. E. Bachelder, Manager, - - Fredonia, Kans.

CLOSING OUT SALE

Standard Bred Trotting Stock

At Auction, Norwood Stock Farm, 2 1-2 Miles West of Lawrence,

THURSDAY, NOVEMBER 16

COMMENCING AT 10 A. M.

35 Head Brood Mares, Geldings, Fillies and youngsters, all bred in the four leading families, Wilkes, Electioneers, Almonts, and Nutwoods. Send for catalogues and attend the sale.

R. L. Harriman, Auctioneer.

E. A. SMITH.

300 SHROPSHIRE EWES 300
At Public Sale.

At Kansas City, Mo., Sale Pavilion,

WEDNESDAY, NOV. 15, 1905.

This consignment of registered and bred Shropshire ewes is from the "Golden Hoof Stock Farm," at Lexington, Neb., founded by C. H. Balingier and now owned by Geo. Allen, will consist of 200 yearling and 2-year-old and 100 3- and 4-year-olds. The one's and two's will be sired by such noted imported rams as Allen's King, the champion ram lamb of America in 1901, and Imp. Dreamer, a pure Mansell bred ram, and the older ewes sired by the best imported and prize-winning rams. These ewes will be bred to such imported rams as Diamond Ace 16810, the champion ram of America in 1901; Imp. Monarch 192384, champion of America in 1903—a pure Mansell bred ram, and Imp. "Allen's 2094", winner of first prize as a lamb at the Shropshire and West Midland; first at the Bath and West of England, and first at the English Royal. The ewes are strictly first class in breeding, quality, and individual merit—there is no better in this country, or the old world, and they are all acclimated to Western conditions, hence should prove a great investment to any one desiring to start a first-class flock or to add a few more good ones to a flock already established. No such opportunity was ever offered in the West and everything catalogued will be sold at the bidder's price. Bids may be sent to the auctioneer, Col. Dwight Lincoln, Richland Center, Ohio. For catalogues address,

GEO. ALLEN, - - Lexington, Neb.

REGISTERED PERCHERONS.

Coachers, Saddlers, Big Mammoth Jacks and Jennetts. Yaiti 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.

Several years ago the choice Jerseys were sold off and the horse herd cut down, but continued ill health makes a change of climate imperative and this sale is the result.

"For upwards of forty years the proprietor of Norwood has been breeding fine horses—clear back into the stage-coach days before there was any standard adopted. As the breed was established he grew with it, and always has been supplied with breeding animals strictly in the swim. His pioneer stallion was Norwood, a beautiful black show horse, a son of Alexander's Norman 25; then came Almont Pilot 763, by Almont 33 and out of a daughter of Alexander's Abdallah 15, a large 16½ hand bay who has put 8 in the list and has one producing son and eleven producing daughters; next was the fine son of George Wilkes—Sealskin Wilkes 5825, who put five in the list; and last and greatest of all is Norvar, the superb grandson of Electioneer out of an Onward mare, backed by several Mambrino Chief crosses. This farm has had as well, several daughters of George Wilkes and of Mambrino Patchen until death by chloroform brought to a close an honorable old age."

Important Shropshire Ewe Sale.

On another page of this issue will be found the sale advertisement of George Allen, Lexington, Nebraska, who will sell 300 bred Shropshire Ewes at the Kansas Clay Sale Pavilion, Wednesday, November 15, 1905. The sheep that are going in this sale were nearly all raised on the "Golden Hoof Stock Farm" at Lexington, Nebraska, which was founded many years ago by Mr. C. H. Ballinger, but is now owned by George Allen. He is known as one of the most successful breeders and importers of Shropshire sheep in America. The sale will consist of 200 yearling and 2-year-old Ewes and 100 3 and 4-year-olds. All of them are registered. The 1-and-2-year-olds were sired by such imported rams as Allen's King, the champion ram lamb of America in 1901 and Imp. Dreamer, a pure Mansell-bred ram, and the older ewes are sired by some of the best imported and prize-winning rams of England and America. These ewes will be bred to such imported rams as Diamond Ace 161810, the champion ram of America in 1901; Imp. Monarch 192384 champion of America in 1903—a pure Mansell-bred ram, and Imp. "Allen's 2094," winner of first prize as a lamb at the Shropshire and West Midland, first at the Bath and West of England and first at the English Royal. The ewes are strictly first-class in breeding, quality and individual merit; and, bred to such noted rams, ought to attract attention from those who desire to introduce new stock in their flocks and to those who may wish to lay the foundation for fine flocks. The sheep is rightly classed the "Animal of the Golden Hoof," for there is no other domestic animal that can bring the farmers so good and sure returns for his money invested. There should be hundreds of farmers with small flocks of sheep on their farms, where to-day there are so few of them. This is the first time that an important sale of this kind has been made of animals so well acclimated and individually so good as these that will be sold at the Kansas City sale. It should also be borne in mind that it is of great advantage, in buying stock of this kind, to get it from a responsible breeder like Mr. Allen; besides, it is well known that this stock is fully acclimated to Western conditions. Write Mr. Allen for one of his sale catalogues and if you cannot arrange to attend this sale in person, send your bid to the auctioneer, Col. Dwight Lincoln, Richland Center, Ohio, and your bids will be carefully and honorably dealt with.

Kansas City Live Stock Market.

Kansas City, Mo., October 30, 1905. Cattle receipts were smaller last week, but it was only because railroads could not furnish cars or power to bring in more. At many towns in the West cattle have been held several days waiting for cars. The market last week was a repetition of that of the previous week. Prices held steady on everything till Friday, when what few cattle that were here sold about 10c lower. It was the same way previous Friday, and the market ran along last week at about that decline from the week before; it will probably be the same way this week, about 10c lower than the general market last week. Cows are showing more strength than any other kind.

The supply to-day is 18,000 head, not as many as was expected by several thousand head. Market is steady, cows mostly 10c higher, as compared with last Friday. A few tippy beef steers are selling at \$5.40@5.75, prime stuff would bring around \$6, fair to good short-fed steers \$4.75@5.25. Kansas-grazed Colorados \$3.45@3.90. Heavy Grass cows sell at \$2.75@3, medium grades \$2.35@2.60, a few fed cows at \$3@3.50, nice heifers up to \$4.75. Veals are scarce, selling at \$5.50@6.50 for best ones, fat heifer calves \$4.50@5, stock calves 25c lower, at \$2.75@4. Stocker and feeder movement keeps up to about 175 cars per day, prices 10c lower for the week, at \$3@3.60, for bulk of sales, \$4.20 top last week for some heavy black feeders. Stock cows and heifers sell at \$2@2.65, bulls \$2.25@2.60.

The hog market broke badly middle of last week, but made some recovery at the close, finally finishing 18c lower than previous Saturday. Supply was liberal at 63,000. Run to-day 6,000, market 5c higher, top \$5.10, bulk of sales \$4.95@5.05, light hogs up to \$5.05. The packers have demonstrated that they can use plenty of hogs at present prices, and general sentiment favors a steady up of the market, with prices close around the \$5 mark.

Sheep and lamb receipts only 15,000 last week, market 25@40c higher. Prime native lambs made \$7.75. Westerns \$7.65, yearlings \$6, wethers \$5.50 for natives, and several bands of native ewes at \$5.25@5.50. Supply to-day 3,500, market steady on sheep, lambs 10c lower. The general market is \$1.50 @1.75 higher than at this time last year, with ewes and wethers now selling higher than lambs sold then.

J. A. RICKART.

The Lantern on the Farm.

It is not a very costly tool, or implement, or piece of furniture, but it very useful. There is nothing that can take its place. If it's a good one, it's a great comfort. A poor one is a great exasperation. Being in such constant use it must not be a "dark lantern," or blow out if a sudden draft strikes it. It must not be liable to explode. Last, but not least, it must be convenient and it must give a good light. There are lanterns and lanterns. There's a good, better, best in this as in all other things. The plan is to buy a lantern known to be good. For instance, the old reliable Dietz which has undoubtedly been the leader in this country for 60 years. There are many styles, and they are to be found with lantern dealers most everywhere. Where not found, dealers will procure them if requested. The Dietz Company, who are advertising regularly in these columns, will send free of charge, a lantern book to study and select from. It is a good plan to look over such a book at home before you go to buy.

We can furnish Commercial Poultry, published in Chicago, and the Kansas Farmer one year for \$1.15.

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. Initial or a number counted as one word. No order accepted for less than \$1.00.

CATTLE.

FOR SALE—Herd of 30 head of registered Short-horn cattle, would take young stockers in exchange. Smith Bros., 1501 State St., Emporia, Kans.

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

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

FOR SALE—Red Polled Cattle, both sexes, half brothers and sisters to 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.

TWENTY-EIGHT high-class dairy cows, at public sale, on Wednesday, November 1, 1905, at the Burton Dairy Farm on Seward Avenue, half a mile East of the Santa Fe shops, Topeka, Kans.

FOR SALE—One Polled-Durham bull, weight 2,100 pounds, got by Duke of Rose Pomona 24 11897, out of Lynette. Bays & Abston, Coats, Kans.

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

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

FOR SALE CHEAP—A young royal bred Holstein-Friesian bull by J. P. Maat, Scranton, Kans.

FOR SALE—Eight good, registered Shorthorn bulls, four straight Cruickshank, good ones, and price right. H. W. McAfee, Station 0, Topeka, Kansas.

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, Palsons, Kans.

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

SWINE.

SOME CHOICE early Duroc-Jersey male pigs, good bone and length; for sale at farmers prices. W. B. Williams, Stella, Neb.

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.

Oct. 28, 1905—Duroc-Jersey Swine and Shorthorn Cattle at Paola, Kans. J. F. Staadt, Ottawa, Kans.

FOR SALE—Three Poland-China boars ready for use. Pedigreed. H. W. McAfee, Topeka, Kas.

HORSES.

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

STOLEN—Sept. 22, 1905, one bay driving horse, 5 years old, weight 1,100, spot in forehead, splint on each front leg, salt in ear, wire mark on right hind foot, spot in one eye. Reward \$25. Orvil Ellis, Lyons, Kans. Phone 141.

FOR SALE—24 head of yearling and sucking mules. Address R. B. Irwin, Modoc, Scott Co., Kas

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 sway backed. Suitable reward for return. J. W. Gillard, 838 Highland ave., Topeka.

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

POULTRY.

FOR SALE—White-faced Black Spanish (stock and show birds at bargain prices. First premium at Kansas City 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.

FOR SALE—Extra nice early hatched bronze turkeys. Skinner and Hargrave strain. Toms, \$3; hens, \$2. Mrs. O. Rockhill, Eureka, Kans.

PURE-BRED S. C. B. Leghorn cockrels, 75 cents each, six for \$4. F. P. Flower, Wakefield, 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 bushell f. o. b. Independence Kansas. No charge for sacks. Send for sample.

UNION IMPLEMENT & HARDWARE CO.

FARMS AND RANCHES.

FOR SALE OR TRADE—Small property in Springfield, Mo. 160 acres in Blaine Co., Oklahoma; 45 vacant lots in Emporia, Kans. Prefer young stock, cattle or mules. Also for sale or rent for cash, one farm of 248 acres and one 5,200 near Emporia. Smith Bros., 1501 State St., Emporia, Kans.

FOR SALE OR TRADE—A 11-room modern residence with 3½ acres of ground within the city limits. Large barn; chicken houses. House has gas and electric lights, fine new furnace, 3 open fire places, and cellar under the whole house. Price, \$8,000. Will trade for good farm land in eastern Kansas, or will sell for one-half cash, balance time. We have farms in Kansas, Oklahoma and Missouri for sale. Write us Eastman & Lakin, 115 West 6th Street, Topeka, Kans.

FOR SALE OR TRADE—A nice 8-room house, thoroughly modern, and in fine high location, overlooking river; 3½ lots, good barn, 2 blocks to car, one block to paving. Price, \$4,500, or would trade for improved farm near Topeka. Eastman & Lakin, 115 West 6th Street, Topeka, Kans.

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. Quenberry, Marion, Kans.

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

SUB-IRRIGATED FARMS—One of the best in southcentral Kansas, only 8 to 12 feet to water, 520 acres, splendid land for corn, wheat, alfalfa and fruit. Only 3 miles from Kingman. A beautiful location for a thoroughbred stock farm, for description write Frank Weinschenk, Mgr., Kingman County Colonization Co., Kingman, 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.

FARMERS GET RICH IN FOUR YEARS—On our alfalfa, corn and wheat farms in Northwestern Kansas \$15 to \$45 per acre on easy payments. Interstate Investment Company, Phillipsburg, Kans.

FARM MUST SELL—160 acres, \$2,800 or \$1,800 cash. Balance time, low interest. Will sell either 80. Write me. Wm. McDonald, 802 North Lafayette, Chanute, Kans.

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. F. D., near school and church, American community, good improvements; \$22.00 per acre. A bargain! Address O. J. Prentice, 156 Wash 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 966, Wichita, Kans.

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

FOR SALE—An elegant 160-acre farm, 1 mile from Erie, Kans., with five good oil wells and pumping plant complete, for less than value. Must sell. M. W. Hall, Erie, Kans.

SAF 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.

MISCELLANEOUS.

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

CAN YOU solve the Leap Frog Puzzle? Send 10 cents for one; agents wanted. Star Novelty Co., 3858 Olive Street, Philadelphia, Pa.

WANTED—To arrange with reliable farmers to grow oats on shares. Write for particulars. Knight & Bostwick, New York.

TWO COTSWOLD RAMS FOR SALE—2-year-old, bred in Canada. Yearly bred in Kansas. Address W. Guy McCandless, Cottonwood Falls, Kans.

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 61 bottle Sarsaparilla for \$50; best seller; 200 cent profit. Write today for terms. F. R. Greene, 115 Lake St., Chicago

FINE Scotch Collie puppies sold by Y. U. Treard way. La Harpe, Kansas.

WE PAY \$36 A WEEK AND EXPENSES to produce poultry compound. Year's contract. IMPERIAL MFG. CO., DEPT. 18 FARMERS, KANS.

"THE CEMENT WORKER'S HAND BOOK" Tells you how to do all kinds of cement work successfully, walls, floors, walks, tanks, troughs, cisterns, fence posts, building blocks, etc., etc. Second edition. Sold in all English-speaking countries. Sent no any address for 50c. Address, W. H. Baker, Seville, Ohio.

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.

Stray List

Week Ending October 28, 1905.
Meade County—D. P. Wyeong, Clerk.
HORSES—Taken up by W. W. Ward, in Mertella tp., one 4-year-old bay gelding, left hind foot is white; one 7-year-old brown gelding, flying X on left thigh, also one 5-year-old brown mare; valued at \$50 each.

Week Ending November 4, 1905.
Reno County—F. E. Lang, Clerk.
STEER—Taken up by F. R. Newton, in Grant tp. Oct. 16, 1905, one 2-year-old red steer, white face, long horns, underbit in each ear; valued at \$20.
Stafford County—W. W. Hall, Clerk.
CATTLE—Taken up by T. B. Ungles, in Rose Nalley tp., one coming yearling steer, red, white spot in forehead; valued at \$10; also one coming yearling heifer, color red; valued at \$10.

Peacock-Axtell Top-Notcher

Poland-China Sale

To be held in New Sale Pavilion,
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 (¾ 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.

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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, bayeyes, fine shape. Write for prices, they are right. J. C. Bostwick, R. 2, Hoyt, Ka.

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

FERRETS.—Fine young ferrets, with full instructions for handling. Puppies, \$3.00. Pair, \$5.00. Roy F. Cope, Topeka, Kans.

S. C. B. LEGHORNS EXCLUSIVELY—Some fine young cockerels and pullets for sale cheap if 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. Embden geese, 30c each. W. African guineas, \$1 per 17. All guaranteed pure-bred. A. F. Hutley, Route 2, Maple Hill, Kans.

STANDARD BRED SINGLE COMB BUFF LEGHORNS—Bred by first prize pen Chicago Show 1903 and took six first prizes and first pen at Newton 1904. Eggs, \$3 for 15. S. Perkins, 801 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 farmer. Will buy the chicks and eggs. Write me. W. M. Maxwell, 921 Topeka Ave., Topeka, Kans.

BARRED AND WHITE PLYMOUTH ROCK Eggs, \$2 per 15; \$3 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.

SAVE YOUR CHICKS.

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

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

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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.

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Good for Eggs, Good to Eat, and Good to Look at. W. P. Rocks hold the record for egg-laying over every other variety of fowls; eight pullets averaging 250 eggs each in one year. I have bred them exclusively for twelve years and have them scoring 94 to 95%, and as good as can be found anywhere. Eggs only \$2 per 15; \$3 per 45, and I prepay expressage to any express office in the United States. Yards at residence, adjoining Washburn College. Address THOMAS OWEN, Rts. 3, Topeka, Kans.

WE WANT EGGS

GOOD FRESH EGGS We want to buy direct from everyone that has 100 hens or more. Write AT ONCE, or send name and address to MARTIN BROS. & CO., 1724-26 Market St. DENVER, COL.

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

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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.

The Poultry Yard

CONDUCTED BY THOMAS OWEN.

The State Poultry Show.

An effort was made by some parties inimical to the poultry industry to keep the State Poultry Association from holding their annual show at the auditorium, but the city council, at their meeting of October 18, almost unanimously decided to grant the poultrymen the use of their great hall for the show of January 8 to 13, 1906. Councilman Ryder made a most eloquent plea for the feathered tribe, ably assisted by Councilmen Swenson, Shymer, Nipps and Symms. Colonel Hughes, the councilman from the sixth ward, was, it is needless to say, in the thickest of the fight and came off with flying colors. Prof. L. L. Dyche, the president of the State Poultry Association, was up from Lawrence and made a good talk before the council. H. A. Heath, manager of the Kansas Farmer, was also present and was called upon to talk for the chicken show, which he did in a most able manner.

This ends the controversy over the location of the State show and it now remains for the poultrymen of Kansas and adjoining States to make it the largest poultry show in the United States.

The premiums this year are extraordinarily liberal: ten dollars in gold for first pen, \$5 for second and \$2 for third. An extra premium of \$25 for first, \$15 for second, and \$10 for third, is offered to the county sending the largest number of birds to the show, Shawnee County being barred from competition.

What to Feed in Winter.

In winter, when the fowls are penned up, it is essential that something in lieu of the grass they have been eating during the summer, should be provided. Turnips, cabbage, beets, small potatoes, or any such vegetables will be relished by the fowls, whether fed raw or cooked. Green onion-tops and garlic are much liked by chickens and turkeys and will be found conducive to their health and growth.

Chickens' Heads Droop.

EDITOR KANSAS FARMER: I wish you would tell what is the matter with my chickens. I have the B. Leghorns and they get so they can not hold their heads up, and stagger around; but the most of the time they lie down with the head under the body. Sometimes in the morning when we turn them out of the hen-house we find them sitting on the roost with their heads hanging down. They are fat and their combs are red. They linger around in that condition three or four days before they die. We have a good, frame hen-house and they have plenty of ventilation—two windows and a door left open all the time. They have to eat corn, Kafir-corn, wheat, emmer, and sorghum seed. We have given black antimony to some, and some got well and some died.

H. W. SHERADER.

Kiowa County.

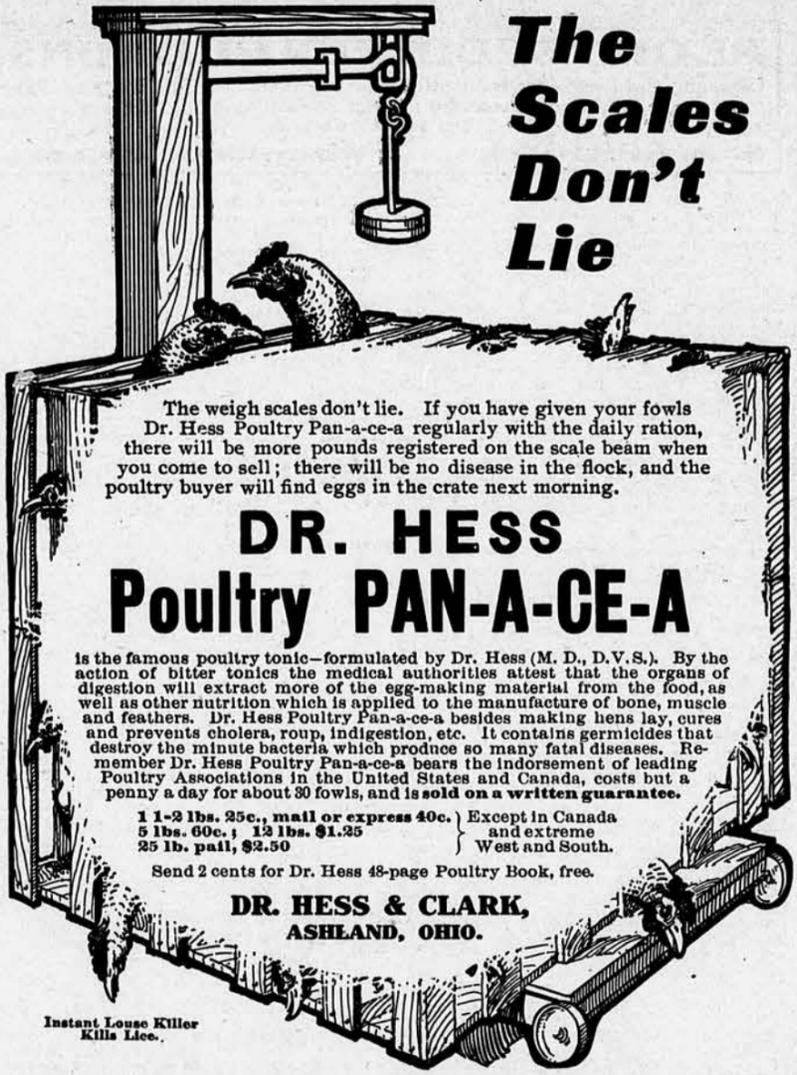
Ans.—Several causes combined may account for the condition of your fowls. They may be too fat, which might cause a rush of blood to the head and cause them to stagger around. They may be overcrowded in the chicken-house. Too much ventilation is not good for fowls, especially if there is a draft through the house. Your feeding of a variety of grains is all right. It might be well to feed the fowls some good conditor powder, such as is given to horses and cattle. At this time fowls are moulting and consequently are not in the best of health.

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) ch up to make room. Let me mate a trio or a pen for you that will give satisfactory results. Satisfaction guaranteed or money refunded.

A. H. MILLER, Bern, Kans.

The Scales Don't Lie



The weigh scales don't lie. If you have given your fowls Dr. Hess Poultry Pan-a-ce-a regularly with the daily ration, there will be more pounds registered on the scale beam when you come to sell; there will be no disease in the flock, and the poultry buyer will find eggs in the crate next morning.

DR. HESS Poultry PAN-A-CE-A

is the famous poultry tonic—formulated by Dr. Hess (M. D., D.V.S.). By the action of bitter tonics the medical authorities attest that the organs of digestion will extract more of the egg-making material from the food, as well as other nutrition which is applied to the manufacture of bone, muscle and feathers. Dr. Hess Poultry Pan-a-ce-a besides making hens lay, cures and prevents cholera, roup, indigestion, etc. It contains germicides that destroy the minute bacteria which produce so many fatal diseases. Remember Dr. Hess Poultry Pan-a-ce-a bears the indorsement of leading Poultry Associations in 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. } Except in Canada
5 lbs. 60c.; 12 lbs. \$1.25 } and extreme
25 lb. pall, \$2.50 } West and South.

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

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You will enjoy your trip and save considerable money.

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Why are they everywhere the favorites? It takes a little book to give all the reasons. We'll send you a copy, if you ask for it. It tells of their great convenience for handling and all attentions; their safety, their broad, steady flames; their easy filling and long burning. It shows how the oil pot is made without solder, how every one is tested by air pressure, how it can never leak. It tells of the high grade glass, tin and wire used in the Dietz, things which distinguish them from ordinary lanterns. It gives reasons you can understand for the

"Clear, White Light of the DIETZ."

If you really knew all about the Dietz, you would not allow a dealer to sell you any other. The free book will help you. Shall we mail you a copy?

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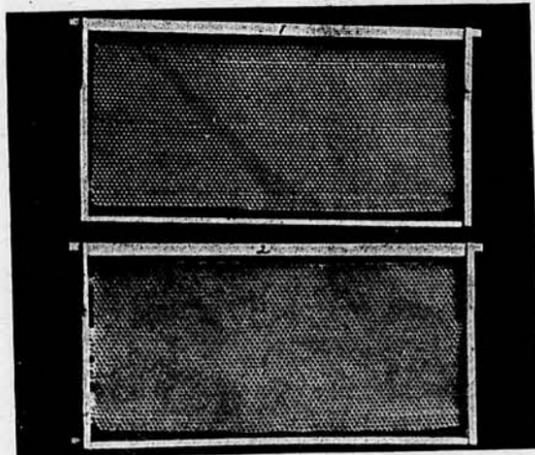
Established 1840.

Is Honey and Honeycomb Manufactured.

EDITOR KANSAS FARMER:—Will you kindly allow me to ask a few questions in regard to honey and honeycomb, as to its being manufactured by some kind of machinery, and not made by the bees, as we often read in the newspapers. I buy and use lots of honey which it seems to me is pure honey; but not being posted, I thought you could give me some light on the subject.

A SUBSCRIBER.

Of machinery used in the manufacture of comb, or honey, we herewith give an illustration, followed by an explanation.



You will notice that here are two frames of what we call foundation honeycomb. The upper cut shows foundation comb as made by machinery. This is made of pure beeswax, and is the center or base of the comb. The under cut of comb shows that used by the bees after being inserted in the hive, and the frame of comb that this half-tone was made from was in the hive just one day. Foundation comb is thus made and is in general use by all up-to-date beekeepers, but further than this no comb is being manufactured. The bees complete the comb, and no machinery can take the place of the bees in thus building out or completing the comb. It has been reported by the press that comb has been made to completion, filled with honey or sirup, and sealed up by machinery. This is not true, and there has been a standing reward of \$1,000 by leading beekeepers, and also by the National Beekeepers' Association, for the last 20 years perhaps, for a single pound of such product.

There is no way in which comb-honey can be adulterated, except the beekeeper feeds the bees sugar sirup to such extent that they store it in the combs; but what blocks this procedure is, that at the price of honey, no one can afford to thus feed even the cheapest grade of sugar, for the expense would overrun the profit.

You can rest assured that when you buy comb-honey, you are getting the pure article every time. It is a little different in some rare cases with extracted honey, for it has been known in a few instances that it has been mixed with sirup. I have seen what purported to be honey in glass jars, with a piece of honeycomb in the same and the only pure honey, or the only

part of it that was pure, was in the piece of comb added to it, the other being glucose or sirup of some kind. Beekeepers have for many years past put up such a vigorous fight on adulteration, that at the present time, owing to stringent laws which have been enacted in most of the States it is hard to find adulterated honey on any market.

Honey adulteration has always been against the interests of the beekeeper or producer, and a vigorous protest has always been waged against the practice by the producer, and the middleman who has handled this product knows so little about it, that all his efforts to adulterate in this line have proved of little avail, from the fact his maneuvers have been easily detected. If you buy comb-honey, you can rest assured you are getting pure honey, and in ninety-nine cases out of one hundred you will not miss it on extracted honey.

A. H. DUFF.

Bee Feeding.

EDITOR KANSAS FARMER: In my last article I omitted to state that in preparing sirup for the bees to feed upon none but the best granulated sugar should be used. If the sirup fed to them is adulterated with glucose, it will kill the maturing brood. In February the rearing of brood will begin; so that in case sirup adulterated with glucose be fed now, as the means of carrying them through the winter, the brood will get it.

In preparing sirup for bees, I fill a vessel about two-thirds full of sugar and add enough water to fill the ves-

sel. The water should not be hot, but warm enough so that when the sugar is dissolved the mass will be about blood heat. By stirring it with a spoon, or any other suitable article, the sugar will dissolve in a very short time.

The pepper-box feeder is a good one to use. It may be filled with sirup and turned with the lid down over the comb frames and directly over the cluster of bees. If the weather be pretty cool, a warm cloth may be laid around the feeder in order to keep the bees warm while carrying the sirup down into the combs of the brood nest.

In case the bees are not fed sufficiently before cold weather to last them over winter, a candy may be made by melting granulated sugar and boiling it until when cold it will be solid cakes, which may be laid directly over the bees in the hive, and be covered with a heavy piece of carpet or any sort of waste fabric that will keep the heat from the bees confined to the chamber occupied by them.

G. BOHRER.

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Pearl Herd Duroc-Jerseys

For Ready Sale—30 well-grown spring boars and 55 gilts, sired by Pearl Wonder 51383, Cherry Boy 31385 and Wichita Prince 28293. Address (write or phone) C. W. Taylor, Pearl, Dickinson County, Kans., (mail) Route 2, Enterprise, Kans.

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

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 Now numbers 150; all head for our two sales, October, 1905, and January, 1906. J. B. DAVIS, Fairview, Brown Co., Kans.

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

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

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

FOR SALE 75 head of pedigree Duroc-Jersey spring pigs, boars or sows, no akin, good color, well built, very cheap, order now from CHAS. DORR, Route 6, Osage City, 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.

THE CHERRY RED HERD Our Durocs are better than ever. Some No. 1 February and March boar pigs, as pretty as can be found in any herd. Also just as fine gilts of same age for sale at low prices, with Keen Champion 34469 to head herd. Also some W. P. Rocks and Pekin Ducks. Mr. and Mrs. Heary Shrader, Wauneta, Kans.

PLAINVILLE DUROC-JERSEYS HERD Herd headed by King of Kansas 28293, sired by Improver 24, the hog which brought \$300 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 hogs. There are several sows in the herd of the Tip Top Notcher strains. Send in your orders and get a bargain. J. M. YOUNG, Plainville, 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. 20689 by Van's Perfection No. 11571, Improved 3rd No. 28361 by Improver 2nd No. 13365, Dandy Orton No. 33879 by Orton No. 5293 and Sir Bunceon 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, Ka.

POLAND-CHINAS.

THE ELM GLEN FARM HERD OF POLAND-CHINAS Eight choice young boars, bred and open gilts, good size and finish; first draft for \$20; take choice of boars. WM. KNOX, SOUTH HAVEN, KANS.

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.

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.

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. Visit our welcome and correspondence solicited. Satisfaction guaranteed. C. P. BROWN, R. 2, Whiting, Kans.

FOR SALE Poland-Chin 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.

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

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 803765 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.

BOLLIN & AARON Fall Poland - China Sale at Leavenworth, Kans., November 8, 1905. . . . Send for catalogue, mentioning Kansas Farmer.

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, 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.

BOLLIN & AARON Fall Poland - China Sale at Leavenworth, Kans., November 8, 1905. . . . Send for catalogue, mentioning Kansas Farmer.

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; 3/4 brother in blood to Grand Champion Meddler C's. Corrector brother to Grand Champion Corrector 2nd. Kiever's Perfection, sire to 7 head winning 7 firsts and seconds, and Sweepstakes prizes at the Hutchinson fair, 1904. Watch the Kansas Farmer for public sale date.

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.

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

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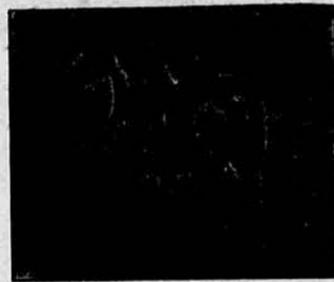
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This offering will consist of 50 head of Registered cows, heifers and bulls. About 15 of the cows will have calves by their side and bred again. These cattle are bred right. Seven head are by Imported bulls and two from Imported cows. The calves at foot are by a son of "Java," and "General Scott," a grandson of Beau Brummel. Cows bred to "General Scott" and to my present herd bull, "Keep On 40" 148331.

This is the chance for the beginner to get a herd for the price of one. These cattle will not be sold in high flesh but just in good, healthy breeding condition.

Write to-day for catalogue and plan to attend this sale. Sale will be under cover. Come spend the day at East Lynn. The Santa Fe and Missouri Pacific trains will be met at Hope, and those from a distance will have free conveyance to and from the sale. Rock Island trains will be met at Tampa. Write to-day for catalogues, they are free.

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