

KANSAS FARMER



Volume XLIII. Number 51

TOPEKA, KANSAS, DECEMBER 21, 1905

Established 1863. \$1 a Year

ECONOMIC QUESTIONS.

EDITOR KANSAS FARMER:—Please give through the columns of your valuable paper, or by letter, an explanation of what is meant by post parcels; some information about the maximum freight rate law; or how to secure a copy of that law; the Inter-State Commerce law, or how to secure a copy; and will you be so kind as to give me information as to whether there are any combinations or associations in the State of Kansas. If so, can you name any that fix the price for the retailers? This, no doubt, has been given attention by your paper, but I have nothing I can refer to now. I have been appointed on the negative side of the question, "Resolved, that Mail-order houses are a detriment to a community."

A SUBSCRIBER.

Nemaha County.

Parcels post is a name given to a proposed postal provision whereby small to medium parcels of merchandise may be sent through the mails at reasonable charges. The proposition is fought by the express companies and meets with some opposition from merchants in small towns. The express companies want to monopolize the carrying of small packages. The merchants in the small towns fear that the farmers will find it advantageous to buy goods at the great department stores and have them sent by parcels post and delivered by the rural carries, rather than to buy them in the small towns. The Grange and other farmers' organizations have resolved in favor of the parcels post on account of its manifest advantages for farmers.

A maximum freight rate law is a law naming the highest, or maximum, rates that may be charged for transporting freight on a common carrier, usually a railroad.

The Inter-State Commerce laws are laws of the United States for the regulation of commerce which crosses State lines, or commerce with foreign countries.

Copies of these laws can probably be obtained by applying, for the Kansas law to the Board of Railroad Commissioners, Topeka, and for the Inter-State Commerce law, to the Inter-State Commerce Commission, Washington, D. C.

It is current belief that there are several combinations which practically fix prices below which retailers shall not sell their goods in Kansas. Among the articles believed to be thus affected are, oil, lumber, vehicles and implements, most kinds of hardware, coffins, meats, flour, sugar and many other groceries, print paper, cot-

ton and woolen goods; indeed, most manufactured articles.

If "Subscriber" will address Montgomery Ward & Co., or Sears, Roebuck & Co., both of Chicago, he can probably procure able arguments for his side of the coming debate.

The Kansas Railroad Commissioners last week ordered a reduction of 5 per cent in rates for transportation of grain. They also ordered reduc-

tion and woolen goods; indeed, most manufactured articles. More than 50 million dollars' worth of this comes from our own islands of Hawaii, Porto Rico, and the Philippine Islands, and more than 100 million dollars' worth from foreign countries. The total value of sugar brought into the country in the year 1905 will by far exceed that of any preceding year.

A mass meeting of citizens, business

CORRESPONDENT'S POST OFFICE.

EDITOR KANSAS FARMER:—When your correspondents give your readers something practical, for instance, the construction of a farm implement or building or what not, would it not be well to give their post office address instead of merely the county or state in which they reside. L. J. B. Barton County.

Formerly it was the custom of KANSAS FARMER to print the post office address of each correspondent at the close of his letter. One communication in which much interest was taken, brought to the writer thereof 500 letters in the course of a year. Another correspondent reported that the payment of postage on answers to letters brought out by his contributions was keeping him poor. Again, a correspondent sometimes has occasion to refer to his pedigreed stock or to make some statement that would amount to an advertisement of what he has to sell, if his address were given. To thus insert a free advertisement would be unfair to the great majority of advertisers who pay cash for bringing their wares before the reader. Without these paid advertisements such a paper as the KANSAS FARMER would be impossible, so that, if the reader cared nothing about fairness, because it is right, a departure from the principle of fairness would bring its penalties.

Some agricultural papers even decline to give the address of a correspondent in response to direct application, or to forward letters. The KANSAS FARMER has not yet found it necessary to carry the restrictions to so great length.

The public sale of Short-horn cattle and Poland-China swine, that was to have been held by the Shawnee Breeders' Association at the State Fair grounds at Topeka, has been declared off for the present. It was thought wise by the officers and breeders to postpone this sale until later perhaps to some time in February, in order that there might be secured a large and well-fitted consignment of bred cows and sows. Announcement in regard to this sale will be made in due time in all the papers.

LOST BANK CHECKS.

EDITOR KANSAS FARMER:—Being a subscriber to your valuable paper, I would like a little information.

A gave D a check on bank Number 1, and B gave a check to D on bank Number 2, and C also gave D a check on bank Number 2. D loses those checks and then goes to bank Number



ON HIS ANNUAL ROUNDS.

tions in rates on groceries shipped from Independence, Coffeyville, Wichita, Hutchinson and Salina so that the rates on goods from jobbers in these places to points west will be the same as the rates on goods from Missouri River jobbers on goods shipped west. The order affects shipments for a distance of 100 miles or less.

The sugar brought into the United States in the year about to end will

men, professional men, farmers, grain men, millers and stock men of the entire State has been called to meet at Wichita, January 10, to make arrangements and perfect an organization for beginning an aggressive fight for better freight rates to every point in the State where discriminations now exist.

The Kansas Farmer, as a Christmas present, lasts all the year.

KANSAS FARMER.

Established in 1863.

Published every Thursday by the
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Topeka, Kansas

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

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All new advertising orders intended for the current week should reach this office not later than Monday.
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Address all communications to

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1 and forbids payment of A's check. Bank Number 1 tells D that he, (D) could not collect this check himself, after stepping out of the door of the bank, without first fetching A in company with him, (D), or obtaining a duplicate check from A.

Is the advice of the bank good in the eyes of law? What would be B's duty to D in order that neither would be the loser and both be legally protected? There are but few of us who like to have outstanding paper that sooner or later might be presented for payment and cashed. D admits that his pocket might have been picked, but rather thinks the above checks are lost. From what I can gather, D has gambled more or less in the past.

Any information the KANSAS FARMER may see fit to give will be gladly received.

Cowley County. IRA H. PATTON.

The instructions of the bank have probably been misunderstood. D can revoke his order to withhold payment. Indeed, it may be that D, who is addicted to gambling, is also addicted to drink, in which case he may have endorsed his checks and disposed of them to an innocent third party. In such case the bank would have to pay the check of such drawer as might have enough on deposit to pay this check when presented.

If A, B or C desires to help D, he may do so by first taking a sufficient indemnity bond from D and issuing a duplicate check for the amount. Even such course may involve the trouble

and cost of collecting the indemnity. The drawer of a duplicate check should inform the bank and ask its cooperation in stopping payment of the lost check.

It should not be forgotten that a lost or stolen check is liable to be presented at any time within several months and that the bank teller will possibly have forgotten all about the circumstances. The man of business is therefore cautious about issuing a duplicate.

ICE-MAKING MACHINERY.

EDITOR KANSAS FARMER:—I would like to have you tell me through your valuable paper how to make artificial ice. I would like to make 1,000 pounds a day through the summer, and would like to know the machinery I would need, also every other necessity that would be required. Please tell me through the KANSAS FARMER, or direct me to where I can get the information.

AN OLD SUBSCRIBER.

Rice County.

There are several manufacturers of ice-making machinery. The nearest and one that is likely to prove satisfactory is the Great Western Manufacturing Co., Kansas City, Mo. Persons who contemplate the erection of ice-plants, either great or small, will do well to write for information to this Kansas City house.

REBATES WERE FORCED.

Rebate on freight charges have been very fashionable of late. The U. S. grand jury at Kansas City has just turned up a lot of information of this kind of crookedness. It appears that railroads have been subjected to systematic hold-ups by big shippers and by great combinations of shippers. The indictments show that a large number of shippers at Kansas City went into a scheme to force special favors. They placed the routing of their freight in the hands of an agent who established himself in New York and kept a representative in Kansas City. This agent by skillfully manipulating the routing of his clients' freight soon had the railroad managements on their knees to him, begging shares of the traffic under his control. His terms were rebates of 25 to 30 per cent. The railroads paid them.

This agent was "thrifty." He pocketed 15 out of the 25 per cent rebates and 20 out of the 30 per cent rebates, serving his clients all alike by sending them the 10 per cent remaining in each case. His income is reported to have been \$125,000 to over \$200,000 a year.

His clients had a 10-per cent advantage over the ordinary shipper and knew they were doing well.

The "square deal" will be had only where a given service by a common carrier will cost a reasonable price and will be no more for the small, ordinary shipper than for the shipper who is in a combine with a hold-up agent.

The information that is coming to light should make the railroad owner as anxious as the shipper to place the regulation of charges in the hands of a Government commission possessing sufficient power and dignity to enable it to refuse all demands for infraction of the "square deal."

CONGRESSIONAL APPORTIONMENT.

EDITOR KANSAS FARMER:—I wish to know how many people it takes to elect one Representative to Congress at Washington. FRED CLEVELAND. Rooks County.

The number of Representatives in Congress in 1789 was 65, or one to 30,000 inhabitants. The number of Representatives has been increased pretty steadily since that time, and the number of constituents to each Congressman has also increased. These facts are strikingly shown in the following table:

Year	No. of Representatives	Constituents for each Representative
1789	65	30,000
1793	105	33,000
1803	141	33,000

ON CREDIT

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1813	181	35,000
1823	213	40,000
1833	240	47,700
1843	223	70,680
1853	233	93,423
1863	243	123,381
1873	293	131,425
1883	325	151,911
1893	356	173,901
1901	386	194,182

Each State is divided into several congressional districts. The number is fixed by act of Congress, specifying the number of Representatives to be elected from each State. Since State populations are never exact multiples of the number of inhabitants chosen as the basis of apportionment, there is necessarily some variation among the States as to the number of constituents per Congressman.

So, also, there is variation among the congressional districts of a state as to the size of constituencies. Thus, Kansas has eight Representatives. But under an apportionment of many years ago this State had only seven Representatives. When our population entitled us to eight, Congress named eight as our number. But the Legislature was unable to agree upon a division of the State into eight districts. The eighth Representative was therefore elected "at large," that is, by the entire State.

The seven districts of Kansas are accredited with populations as follows:

1st	215,747
2d	234,268
3d	226,207
4th	187,129
5th	173,116
6th	174,512
7th	259,516

The last Kansas Legislature redistricted the State so that in the election of 1906 there will be eight districts. The exact number of inhabitants in each of the eight districts has not been officially stated, but the districts will vary in population as much as heretofore.

The apple crop of 1905 in the United States is commercially estimated at about 23,500,000 barrels. In 1904 similar estimates put the crop at 45,400,000 barrels.

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Agriculture

Corn Harvesting Machinery.

The office of Experimental Stations of the Department of Agriculture is gathering data for a bulletin on corn-harvesting machinery and would appreciate the co-operation of farmers to the extent of answering as many as you can of the following questions:

1. What is the average number of acres of corn planted by you each year?
2. How many acres of corn do you cut per year for the silo?
3. How many for dry storage?
4. How many acres of corn do you harvest by picking the ears from the standing corn?
5. When cutting corn by hand, how many hills are put in one shock?
6. How many shocks or acres can one man cut and shock by hand per day?
7. What does it cost per shock? What per acre?
8. How many acres of corn can one man and three horses cut per ten-hour day with a corn-binder?
9. How many acres can one man shock per day after a corn-binder?
10. How many pounds of twine per acre of corn are used when using a corn-binder?
11. What is the life, in years or acres cut, of a corn-binder?
12. What is the total cost per acre for harvesting corn with a corn-binder? (a) cost of machine, (b) driver and team, (c) twine, (d) shockers.
13. With a sled harvester, how many acres of corn can be cut per day?
14. How much does it cost per acre to harvest with a sled harvester? (a) cost of machine; (b) driver and team; (c) twine; (d) extra shocker.
15. How many acres per ten-hour day can be harvested with a corn-shocker?
16. What does it cost per acre to harvest corn with a corn shocker? (a) cost of machine; (b) cost of man and team; (c) cost of twine.
17. What is the average yield of corn per acre in your vicinity?
18. What does it cost per bushel, including board of man, to pick corn by hand from the field?
19. How many bushels of corn per ten-hour day does the average man pick?
20. What does it cost per bushel to husk from the shock?
21. How many bushels does the average man husk per ten-hour day from the shock?
22. Would a successful corn-picking machine find a ready sale in your community? Why?
23. What would be the advantage or disadvantage of leaving about half the husks on the ears of corn? (a) for cribbing; (b) for feeding; (c) for other purposes.
24. If you have seen a corn-picker work in the field, state what kind; and what is your personal opinion of the machine?

Answers sent to this office will be forwarded to the Department of Agriculture at Washington.

Bromis Inermis in Rice County.

Seeing your notice in the KANSAS FARMER regarding Bromis inermis, I thought I would give you my experience with this grass in this part of the State. I secured Bromis inermis seed from Iowa last winter and sowed eight acres last spring, sowing broadcast at the rate of about eighteen pounds per acre and harrowing it in, but failed to secure a stand. It came up very slowly, turned yellow, and died. We had plenty of rain. I sowed some seed in the house in a box; this came up well and I set out in the garden and kept it watered. It grew fine until August and then all died. Two of my neighbors sowed with the same results. The seeding was done April 10. Is there any difference between Bromus

inermis and brome-grass? I am very desirous of finding some kind of grass that will do well here for pasture. Alfalfa does well here.

Rice County. J. W. JOHNSON

I should judge from your experience that you did not have the true Bromus inermis, as it is an extremely hardy grass, and if you once get it started it will not die out in any ordinary season, and after it is thoroughly established in the soil it will remain there permanently. I find that the brome-grass seed is quite commonly adulterated; sometimes there will be as high as 50 or 60 per cent of other seeds than the true Bromus inermis. One of the most common adulterants is seed of the common chess or cheat, which belongs to the same family as Bromus inermis, but is an annual plant and is practically worthless as a pasture or meadow-grass. Some of this adulterated seed is sold by people who think that it is all right, as they have seeded their fields from seed which they purchased for Bromus inermis and they perhaps secured during the first year an almost perfect stand of chess or cheat, the seed of which they sell for the Bromus inermis.

I think that Bromus inermis should do well in Rice County, and I do not know of a grass which I would be more willing to recommend. If you will kindly secure for me a small sample of the seed of the grass which you have I shall be pleased to let you know whether or not it is the true Bromus inermis.

V. M. SHOESMITH.

Silo the Corn.

EDITOR KANSAS FARMER:—In the KANSAS FARMER of December 7, Mr. Bovard asks what to do with his corn-stalks. I presume Professor TenEyck answers the question satisfactorily to Mr. Bovard, but not as it should have been answered, for the reason that the Professor's figures tend to encourage a very wasteful way of farming, losing the most of the 40 per cent of the feeding-value of the crop.

Is the soil a humbug and not worth what has been claimed for it? I should have said, put all that is to be fed on the farm (corn and stalks) into the silo, and if Mr. Bovard wished to sell some corn, let him husk early and make silage of the green stover.

Let the practical silosts discuss this matter.

What say Professors Erf and Wheeler? Are you giving up the silo? Douglas County. E. C. COWLES.

Moldboard Plows or Disk Plows.

What plow would you recommend for best results—moldboard or disk, for this country? Is there a State chemist? If so, where located? We have some water we would like analyzed.

Lane County. E. HOLLAND.

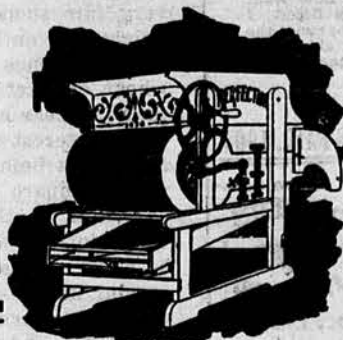
There is a wide difference of opinion as to the relative values of moldboard and disk plows. The moldboard plow is much more popular than the disk plow in the States east of us, the disk plow being especially impracticable in localities where the soil contains many stones. In the West, however, the disk plow is relatively much more popular than in the East, though there is some difference of opinion as regards the value of the two plows even in the West. Bulletin No. 48 of the North Dakota Experiment Station reports fall-plowing trials with moldboard and disk plows; plowing with the moldboard plow produced 18.53 bushels of wheat per acre (average for 1898-99-00), as compared with 16.48 bushels per acre where the disk plow was used. In the spring plowing tests reports are given for 1898 and 1899, the ordinary moldboard plowing giving a yield of 23.6 bushels per acre, as compared with 19.78 bushels per acre by the disk plow. This station gives a report of a plowing test conducted at the Ft. Hays Branch Station, in 1904. In this trial the plot which was plowed with the disk plow produced a yield of 14.17 bushels of wheat per acre, as compared with 12.23 bush-

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els per acre on the plot which was plowed with the moldboard plow. These reports are somewhat conflicting and I am unable to say which should be accepted as correct, as I am not familiar with all of the details of the experiments as they were conducted.

I find that the disk plow is very popular with many farmers in the western part of the State, its chief advantage over the moldboard plow probably being that much harder ground may be plowed than with the moldboard plow. This is often quite an advantage since the rainfall may be light between harvest and seeding time, and I believe that under these circumstances a better seed-bed may often be prepared by the use of the disk plow than with the moldboard plow. A dynamometer test conducted at this station in 1903 indicated that the disk plow had somewhat the lighter draft. The disk plow is sometimes objected to since it leaves a scalloped furrow and is apt to leave the ridge unstirred between the furrows. I think this objection may be largely eradicated by being careful not to take too wide a furrow. Moreover, I believe that the scalloped furrow may have an advantage over the flat furrow in soils which are inclined to form a hard-pan just below the furrow-slice. With the moldboard plow a furrow of about the same depth is generally turned every year, and there is some friction between the bottom side of the plow and the subsoil, thus tending to pack the subsoil. Also, the horse which walks in the furrow packs the soil. It is obvious that these conditions do not exist when plowing with the disk plow.

My experience with the disk plow leads me to believe that it is a good pulverizer of the soil. There is a great difference between disk plows, since this is a comparatively new type of plow. I believe that many of these plows are not properly made or properly adjusted and are not of equal value to the moldboard plow, but I believe that the improved disk plows, of which we now have several makes, are very good plows, especially for certain uses and conditions in the western part of the State.

Your inquiry in regard to State Chemist has been referred to Prof. J. T. Willard of the chemistry department.

V. M. SHOESMITH.

Dietz Lanterns

Do you need a lantern? Don't make a mistake. Just a little study is worth while before you go to buy. The

Clear White Light of the DIETZ

catches everybody. Its flame is strong and steady. There are other qualities everybody likes in a Dietz Cold Blast lantern. It is safe and convenient, burns long, is easily filled, is cleanly. Whether new or old, it never leaks, smokes, soots or smells. Ask your dealer for a Dietz Cold Blast. If he can't supply you, write to us. Write anyhow for catalogue, free to all.

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

Durum Wheat in Arizona.

Is the macaroni, or durum wheat, a winter or spring wheat? We have grown Kansas hard wheat here with very fair success. We depend upon irrigation entirely and oftentimes water becomes scarce. Whether this wheat can get along with less water than "Kansas hard," is a question that would interest our farmers very much. All things being equal, how does the yield compare with that of "Kansas hard," and if there is a shortage of water for irrigation, can a better crop be made of this durum wheat than the regular kind? Quite a number of our very best farmers here came from your State and would appreciate a full reply on this important subject. Where could seed be had, and at what price? How much seed per acre should be sown?

HENRY C. YAEGER.

Maricopa County, Ariz.

The durum or macaroni wheat is a spring variety, but this station, and probably others, are undertaking to develop a winter variety so that it will be better adapted to localities in which winter varieties are preferred over the spring varieties. At this station we have secured yields of over 42 bushels per acre from two varieties of durum wheat and 31.8 bushels per acre from a third variety. During the winter of 1903-04 our varieties of winter macaroni wheat were winter-killed except one of which a very thin stand remained. I can not say that the varieties which we have developed are at present perfectly hardy winter varieties, but I think they should be hardy winter varieties in Arizona, unless you are at too great an altitude and have nearly as cold weather as we have here at Manhattan.

The durum wheats are supposed to be especially strong in drouth-resisting qualities, growing in some places in Russia with about ten inches of rainfall per annum; and I believe that having been developed under these conditions they are more hardy in this respect than the hard Turkey variety. I find that the farmers in the western part of this State are beginning to grow these varieties quite successfully. In a favorable season the Turkey wheats will probably yield as much or a little more; but on an average for several seasons I think the durum wheats will prove to be considerably better for the western part of the State.

Seed may be secured from any of the larger seed firms of this locality. The price varies from \$1 to \$2.50 per bushel. At this station we usually seed at the rate of 1 1/4 bushels per acre, but I presume that it would be well for you to seed less than this in Arizona. I would suggest that you sow at about the same rate you sow other wheat.

V. M. SHOESMITH.

Alfilaria.

I notice an article in your issue of Sept. 28 regarding alfilaria. I wish to know if it is a fair producer, also where I may obtain a sample of the seed for a test.

GEO. S. STULLKEN.

Rush County.

I believe that all of the information which this station has in regard to alfilaria has been published recently in the KANSAS FARMER. There is some difference of opinion in regard to the value of this plant; some think it is a plant which is well adapted for growing in all parts of the United States, while others claim it must be restricted to the South, where there is practically no frost in the ground through the winter, since it is a winter grower. It is agreed that it is a good producer in localities to which it is adapted, making very excellent pasture and a good grade of hay. I do not know of any seed firms who are advertising alfilaria, but if you will write to Geo. L. Belcher, Globe, Arizona, I think he will be able to supply you with a sample of the seed or can direct you to some one who can furnish you with the same.

A. M. TENEYCK.

The man who talks, and acts different from enny body else iz generally a konsaited phool.—Billings.

Horticulture**Shawnee Horticulturists.**

The December meeting of the Shawnee County Horticultural Society was held at the rooms of the State Horticultural Society on December 7. A most interesting and instructive paper on "Trees of Kansas," was read by Mrs. Theo. Wilkie. It was illustrated with specimens of the leaves of a very large number of the varieties of trees of the State. This was followed by a paper on "Good Roads," by C. D. Skinner. The split-log road drag was commended as the coming implement for the preservation and, to a considerable extent, for the making of roads. Bradford Miller of Mission Township, followed with an account of the farmers' agreement, by which a five-mile piece of road is cared for with the road drag, at a cost of only \$2 for each round trip of the drag over the road. This makes the cost for the season just \$2 for each farmer who is contributing. The results are proving satisfactory.

The election of officers for 1906 resulted as follows:

President, B. F. Van Orsdal; vice-president, A. T. Daniels; secretary-treasurer, O. F. Whitney.

The next meeting will be held at the State House, Jan. 4.

Small Fruit.

O. A. WHITNEY, TOPEKA, BEFORE OAK GRANGE FARMERS' INSTITUTE.

I shall confine myself to the three common varieties of small fruit, viz: The strawberry, blackberry and raspberry, with a view of interesting some who wish to make a beginning in small fruit.

The first thing to do is to secure your plants, and be sure to get what want and what you order. Now you are in a position to learn something of small fruit and will gain some real knowledge, more than you can get in any other way, and it will be practical. There are a few general principles to follow that are applicable to all the fruits. You will find that location is important, also securing varieties that do well in your vicinity, preparation of the soil and planting.

Nearly any good soil will do; do not select a piece of cold, wet land. Have it near the house. Warm and mealy ground will give good results. Here is where it pays to fertilize and should be done the year previous to planting.

See what variety does well near your location and try it; plant some that are recommended by successful growers. Let us look at the strawberry. This is the most common of the small fruits, and justly so, as we are living where the strawberry is a native. It was here when the white man came and many a weary settler was cheered in his loneliness by the small red luscious berry; for well he knew that where the strawberry grew there other fruits could be grown. There was only one kind then, but we were thankful for that one.

The following varieties received the highest number of votes at the last meeting of the State Horticultural Society, twenty-one strawberry-growers voting: Warfield, 20; Excelsior, 14; Splendid, 14; Parker's Early, 9; Senator Dunlap, 9; Windsor Chief, 3, and Crescent, 2. These were for commercial purposes, and are not true examples of the family berry. The Crescent, which received only two votes, is a good berry, but is too soft to ship.

Set your strawberry plants early, just as soon as the fall-plowed ground will do to work. Put the roots straight down, pinch off the blossoms the first year, keep free from weeds and do not allow the new plants to set too thick or berries will be small and you will be troubled with strawberry weeds. Cultivate early and often, and by fall you should have a well-matted row about 18 inches wide and 18 inches between the rows. As soon as the ground freezes to hold up a wagon, mulch with

\$16.00 AN ACRE in Western Canada

60 ACRE FARMS IN WESTERN CANADA FREE

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

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

The land that this was grown on cost many of the farmers absolutely nothing, while those who wish to add to the 160 acres the Government grants, can buy land adjoining at from \$6 to \$10 an acre.

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

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

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

STARK FRUIT BOOK

Honest in quality. Grafted Apples & Budded Peaches.

4c; Budded Cherries, 15c each; good varieties. Concord Grapes, \$2 per 100; Black Locust and Russ Mulberry, \$1 per 1000. We pay freight. Complete catalog free. Fairbairn Nurseries, Box 32, Fairbury, Neb.

TREES-AT-A-CHEAP

25 Grafted Apple Trees \$1.00
25 Budded Peach Trees \$1.00
50 Concord Grape Vines \$1.00

FAIRBURY NURSERIES, Box 32, Fairbury, Neb.

HARDY EVERGREENS

12 FREE We grow them by the million. To prove they are healthy and vigorous we offer 12 Spruces and Pines 2 years old FREE to property owners. Mailing expense \$1.00, send or not. A postal will bring them. Catalog with 43 colored plates of Hardy Fruit etc., free. Write today. The Gardener Nursery Company, Box 740, Osgood, Ia.

TREES

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

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

WICHITA NURSERY, Box B, Wichita, Ks

TREE PROTECTORS

75 cents per 100
\$5 per 1,000

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

HART PIONEER NURSERIES
Box 17, FORT SCOTT, KANS.

FIELD POST

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

ZEIGLER BROS., Hutchinson, Kans

8,000 ACRES

Wheat and Alfalfa Land in Logan and Wallace.

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

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

HARNESS By Mail

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

CASH

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

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

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

prairie hay or straw free from grain; uncover in the spring as soon as the plants get a good start.

The blackberry is another one of nature's blessings, and is worthy of a prominent place in any fruit garden. The bushes are full of thorns, so is the path of life, and yet we live and we must raise blackberries, for there is no doubt about their health-giving qualities. In this fruit we have not so many varieties to choose from—in fact, we are about limited to two varieties, the Snyder and the Mersereau. These two are hardy, reasonably free from rust, berries not extra large but they will bear when others not so hardy are winter-killed.

A friend of mine sold \$500 worth of Kittatiny in 1904. In 1905 he mowed the patch, burned the brush and now waits for 1906 to see what he will get. Early harvest shares the same fate, and the Kenoyer was killed back for me last year. The blackberry will produce good fruit on poor ground, but responds to good treatment very readily. Set the plants in rows 7 feet apart and 3 feet apart in the rows. Throw out a deep furrow with a lister and pick off the canes to about 3 feet during the summer, and do not let them grow any longer than this, and they will produce strong canes and plenty of laterals, and this means a good fruit-crop. Be sure and set some blackberry plants.

If you set out some strawberry plants and some blackberry plants, you will have small fruit sure; but by this time you will be ready for more small fruit. Now get some tips from the Cardinal raspberry. This royal berry has a peculiar flavor, distinctly its own. It is a hardy grower, a prolific bearer of delicious fruit; is not good for the market but can not be surpassed for home use. It is a great berry for home canning, a good berry for jam and as fine as can be for table use, being reasonably free from seeds, and a very tender skin makes it what it is, a berry surpassed by none.

Very Low Excursion Rates for Christmas Holidays.

to all points on the Nickel Plate Road between Chicago and Buffalo. Dates of sale, December 23, 24, 25, 30 and 31, 1905, and January 1, 1906, with limit returning January 3, 1906. Rate one and a third fare for the round-trip. Individual Club Meals, ranging in price from 35c to \$1.00 and Mid-day Luncheon 50c, served in Nickel Plate dining cars; also service a la carte. No excess fare. Chicago city ticket offices, 111 Adams street and Auditorium Annex. Depot, La Salle and Van Buren streets, the only depot in Chicago on elevated loop. No. 40.

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

STOLL'S STAY-THERE EAR MARK. The best and cheapest ear-mark made. It possesses more points of merit than any other make. Send for samples. N. S. Stoll, Des Moines, Mo.

DEATH TO HEAVES Guaranteed. NEWTON'S Hoars, Cough, Dis-temper and Indigestion Cure. A veterinary specific for wind, throat and stomach troubles. Strongly recommended. \$1.00 per can, of dealers, or Exp. prepaid. The Newton Remedy Co., Toledo, Ohio.

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

BOWSER (Sold with or without elevator.) Grains, corn (with or without shocks) and grind all kinds of small grain, and head roller. Use Central Shape Grinders. Different from all others. **LIGHTEST RUNNING.** Handy to Operate. 7 Sizes—7 to 35 h. p. One size for wind wheel use. Also make Sweep Grinders; both Geared and Plain. **C. N. P. Bowser Co.,** South Bend, Ind. **FEED MILLS**

The Stock Interest

THOROUGH-BRED STOCK SALES

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

Dec. 23, 1905—American Galloway Breeders' Association sale, Chicago, Ill.
Jan. 5, 1906—S. A. Converse, South Omaha, Neb., Red Polled Cattle.
Jan. 11 and 12, 1906—Oklahoma Improved Stock Breeders Association, Stillwater, Okla.
Jan. 17, 1906—Poland-China bred sows, H. E. Lunt Burden, Kans.
Jan. 18, 1906—Poland-China bred sows, Marshall Bros., Burden, Kans.
Jan. 19, 1906—Duroc-Jersey bred sows, Marshall Bros., Burden, Kans.
Jan. 20, 1906—H. N. Holdeman, Girard, Kans., Poland-Chinas.
February 13, 1906—Jno. W. Jones & Son, Duroc-Jersey bred sows sale at Concordia, Kans.
February 15-17, 1906—Third Annual Sale of the Improved Stock Breeders Association of the Wheat Belt at Caldwell, Kans., Chas. M. Johnston, Sec'y.
Feb. 20, 1906—M. S. Babcock, Nortonville, Kans., Poland-Chinas.
February 21-23, 1906—Percherons, Shorthorns, Herefords at Wichita, Kans., J. O. Robinson, Manager, Towanda, Kans.
Feb. 24, 1906—Poland-Chinas, at Wichita, Kans. by H. E. Lunt, Burden, Kans.
February 28 and March 1, 1906—C. A. Stannard, Gudgell & Simpson, Kansas City, Mo., Herefords.
March 13, 1906—40 Poland-China bred sows, and 45 Shorthorns—C. S. Nevius, Chiles, Kans.
April 3, 1906—James Stock Farm, Willard, Kans., trotting bred horses.

Pasturing Stalk-Fields.

EDITOR KANSAS FARMER:—Pasturing stalk-fields is before us again—cattle are dying again. I will give you my experience. In the last four years I have lost no cattle in stalk-fields. When the weather is cold, cattle don't take water enough and a tank-heater ought to be used. I give them no salt while in the stalk-field and they will do equally as well. They eat that dry fodder and the salt makes them have fever in the small paunch. If you cut the carcass open you will find the paunch all green on the outside.

JACOB WEIGEL.

Caddo County, Okla.

How to Make a Horse Fat.

Some years ago, says Bent Murdock, two Methodist preachers were in a feed lot, talking up a horse trade, a small boy being a disinterested spectator. Said Thomas to William, "William," said he, "I can't get that horse fat; what do you suppose ails him?" Said William to Thomsa, "Thomas," said he, "if after that horse is through eating you will take a handful of oats out of his trough and rub it over his back he will get fat." And it took that boy ten years to figure out what William meant. Do you know?

C. W. Rubel, a member of the 1904 graduating class of the Animal Husbandry Department of the Iowa State College, has been appointed head of the Animal Husbandry Department in the California Polytechnic School, San Luis Obispo, California.

Sheep.

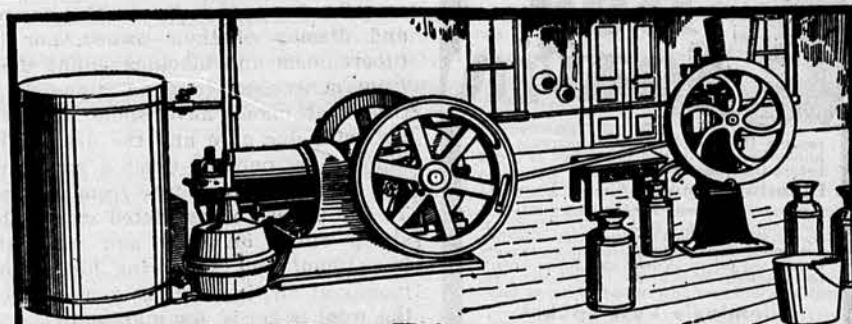
PROF. R. J. KINZER, ANIMAL HUSBANDRY DEPARTMENT, KANSAS STATE AGRICULTURAL COLLEGE.

Twenty years ago Kansas had 1,206,000 sheep and according to the census for the year ending March 1, 1905, she has 167,721, and we find only about a score of men listed as breeders of pure-bred sheep in this State. Just why this should be the case it seems difficult to answer. Sheep-raising has been a source of profit and has been followed from the earliest ages of the human race. In studying the history of the sheep industry, we find that those who have been successful in sheep-raising have been those who lived where favorable physical conditions prevailed. There is no country on the face of the globe better adapted to the production of wool and mutton than the prairies and woodlands of Kansas, and yet there are hardly enough sheep in the State to make a mark on her vast prairies. Sheep possess a less degree of nervous energy than the horse, cow or pig, and are capable of enduring greater extremes of heat and cold with less inconvenience. They expend most of their nervous energy in the digestive and

assimilative functions and a less proportion upon the sensitive organs. None of our domestic animals so thoroughly and profitably turn the most nutritious food into flesh and fat as do sheep. This year especially they are by far the most valuable and profitable feeders a farmer can make use of, and this is clearly demonstrated by a study of our markets. When lambs sold last winter at \$8 per hundred, top

cattle sold at \$5.55 per hundred and top hogs sold at \$5.21½ per hundred. Cattle will produce from six to eight pounds of beef per bushel of corn; hogs will produce ten to twelve pounds of pork per bushel of corn, and from the same amount of corn a sheep would produce from twelve to fourteen pounds of mutton.

In the western part of the State where the short grass, the most nutri-



OLDS ENGINES

There is no gas engine as simple as an Olds—compare it with others and this statement is proved. The repairs cost practically nothing. Every adjustment is very simple to make. Exact duplicates of any part can be furnished at once, perfectly machined and ready to put on. This is important in case of accident.

The Most Economical Engine

For running cream separator, sawing wood, pumping, feed grinding, churning, and all farm work. Our reference—The User—The Man with an Olds. The reason why is interestingly told in our catalog mailed on request. Tell us your requirements and we will help you figure out what you need. Send for our catalog showing Type A (2-8 h. p.), Type G (8-50 h. p.), Types K and N (12-1200 h. p. used with our Gas Producer. It will reduce fuel cost 75 per cent.)

Celebrated Picture Free.

For 4c in stamps to pay cost of mailing we will also send you Rosa Bonheur's "Horse Fair," the most celebrated animal picture in the world, size 16x20 beautifully colored, suitable for framing.

OLDS GASOLINE ENGINE WORKS, Lansing, Mich.
920 Chestnut Street.

More and Better Grain

Higher Prices Without Added Cost or Labor

Own a Fanning Mill—the CHATHAM. Get in the line of progress—up in front. Abandon forever the wasteful, ruinous way of selling or sowing the grain as it comes from the threshing machine. With a Chatham, you can clean any grade, any kind of grain and seed at one operation.

The process makes every bushel worth more money. It means an improvement in your next crop of from 50 to 500 per cent. It means "good bye" to weeds. Just to give you an idea of the wide range of usefulness of the Chatham, we mention some of the kinds of grain and seed it will clean and grade:

Wheat	Clover	Corn	Cotton Seed	Orchard Gum
Oats	Millet	Kaffir Corn	Alsike	Rape
Rye	Flax	Potatoes	Blue Grass	Rye Grass
Barley	Rice	Broom Corn	Red Top	Etc.
Cranberries	Peas	Alfalfa	Buckwheat	
Timothy	Beans	Grass Seeds	Hungarian	

It will remove any of the hundreds of varieties of weed seeds that cause so much trouble and loss to the farmer.

It will take oats out of wheat. It will grade corn, wheat, etc., and Chatham grading is standard.

The Chatham is furnished regularly with 17 screens and riddles for all purposes and combinations. It has a two-bushel hopper, a capacity of from 40 to 80 bushels per hour, and it works easily, either by hand or power. The bagging attachment saves one man. The gearing is all on the inside, and as it has a patented anti-clogging device, it never suffers from "indigestion" or "heart failure." It is so simple in design and substantial in construction that it ought to last a lifetime.

We guarantee it for five years.

Our selling terms are so easy and liberal that you can buy the Chatham without noticing the outlay. We sell for half cash 10 days, and you can pay the balance in six months. Try the Chatham 30 days, and if you are not delighted with it, the trial doesn't cost you a dollar.

We publish a book, "How to Make Dollars out of Wind," that explains the ways a Chatham adds to your profits. It tells about cleaning, grading, growing and marketing grain and seed. Write us that you want a free copy, and it will be sent by return mail, postpaid. Address the main office.

The Manson Campbell Co., Ltd.
(Mfgs. Chatham Fanning Mills, Incubators and Brooders.)
79 Wesson Ave., Detroit, Mich.

Shipments are made direct from the nearest point to you: Harrisburg, Pa.; Allegheny, Pa.; Elmira, N. Y.; Bath, N. Y.; St. Louis, Mo.; Kansas City, Mo.; Dallas, Texas; Charleston, Utah; St. Paul, Minn.; Portland, Ore.; Sacramento, Cal.; Cheyenne, Mich.; Portsmouth, O.; Dayton, O.; Freeport, Ill.; Peoria, Ill.; Blackwell, Okla.; Oklahoma City, Okla.; Watertown, S. D.; Grand Forks, N. D.; Fargo, N. D.; Towner, N. D.; Des Moines, Ia.; Indianapolis, Ind.

"How to Grow Corn"

This is a valuable book from the pen of Prof. A. D. Shamel of the Illinois Experiment Station. It is profusely illustrated from photographs, and treats Scientifically the subjects of Selection, Modern Corn Breeding, and the most effective Cultural Methods under all conditions of soil. Any farmer can Double his Corn Crop without extra labor or increasing his acreage by utilizing Prof. Shamel's discoveries.

This 50 cent Book is FREE to FARMERS

While the supply lasts I will send a copy of this valuable book to any farmer who will send me the names and addresses of three or more men who are thinking of buying a riding plow this season. I will include with the book a description of the labor-saving EMERSON FOOT LIFT GANG PLOW and other modern implements, which make easy the cultural methods recommended by Prof. Shamel. Make sure of a copy by writing TODAY. Address me personally, J. L. EMERSON, care of EMERSON MANUFACTURING CO., ROCKFORD, ILL.



Prof. Holden demonstrating his Seed Testing Box. (Page 17 of the book.)

HORSE OWNERS! USE
GOMBAL'S
CAUSTIC BALSAM.
A safe, speedy and positive cure. The safest, most reliable ever used. Removes all bunches from horses. Impossible to produce scar or blemish. Send for descriptive circulars.
THE LAWRENCE-WILLIAMS CO., Cleveland, O.

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

NOGS 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.

MACHINE OIL

\$3.50 A BARREL

You will find it a better machine oil than anything you have been buying for 25 cents to 45 cents per gallon. Premium Oil is a natural oil, greenish black in color. There is no made oil that is superior to Premium Oil for engines, shafting, shops, elevators, thrashing machines and farm machinery. It will not GUM, has good body, is not affected by hot and cold weather as most oils are. If a farmer, you say you won't need as much as a barrel. Get your neighbor to take half of it. But remember \$3.50 for a 50-gallon barrel, and the empty barrel is worth at least one dollar; gives you oil at less than 5 cents per gallon at your railroad station. If within 300 miles in Kansas freight will not be over 75 cents per barrel. Sample sent on request.

T. C. DAVIS, Benedict, Kans.

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

YOUR HIDE TANNED
HORSE or CAT-TLE HIDES make fine warm robes. We are the oldest house doing this kind of work. Are responsible and know how. Write for prices.
The Worthing & Alger Co., Hillsdale, Mich.

HIDES TANNED FOR ROBES
Send Your Hides to Us
Horse and Cattle Hides tanned by our process make the finest of Coats and Robes. All work guaranteed. FREE booklet on hides, also shipping tags and price list. Write today.
IOWA TANNING CO. Des Moines, Ia.

DES MOINES TANNING CO.
Hides Tanned and Mfg. into Coats, Robes, Rugs, Etc.
WE GUARANTEE OUR WORK
DES MOINES TANNING CO., Des Moines, Iowa.
WRITE FOR FREE BOOKLET NO. 51

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

PRESIDENT ROOSEVELT SAYS:
"There may be some place in the world equal to Puget Sound, but I don't know where it is."
Best year-around climate in the United States. Fertile soil and immensely rich and varied resources.
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Chamber of Commerce, Everett, Wash.

tious of all grasses, is produced, the sheep are the most economical harvesters, and the returns from investment in sheep are much quicker than from even cattle or horses. They are never troubled with glanders, spavin or ring-bone, and they never run into a barbed wire fence and cut themselves to pieces so that they are of little use the rest of their lives. They never take hog-cholera or the swine plague, and lie down and die to the sorrow and dismay of their owner, nor do tuberculosis and blackleg haunt them from generation to generation. It is true that sheep have some diseases, but with due care and the use of the dipping vat once or twice a year they can be kept almost free from disease. To the farmer of restricted means the sheep offers an easy and moderate investment and will bring him ready money at all times of the year. When the wool is ready for market in April, some of the lambs will be ready for market in May or June; the old ewes after raising their lambs can be fattened and marketed in August or September, and just before Christmas the butcher wants the fattest and best of the spring lambs.

Experience in sheep-raising is probably more valuable than in almost any other department of live-stock raising. It is a business peculiar to itself, and experience gained by the care of other domestic animals is of little aid in handling sheep. Their peculiar wants must be studied to enable one to care for them properly and profitably, yet once understood it is simple and easy. They require less care and attention during the larger part of the year than any other farm stock. They require no expensive shelter, only a dry place and protection from fierce storms. During one of the severe blizzards of last winter, of 2,000 head of cattle, it is reported that something like 900 were dead. From a flock of 3,100 sheep which were running in a corn-field without shelter, only three were lost. An open shed that will turn rain is about all that is necessary. Keep them dry and the cold will not hurt them, as nature has provided a covering for their bodies that protects them from wind and cold. They will not lie down in mud, and no matter how warm and commodious their barn may be, unless it is dry and clean they will seek a clean spot of earth, regardless of the storm. While sheep require inexpensive winter quarters, the protection from heat and flies in the summer is a matter of great importance. A cool, shady, dark place in summer, free from flies and insects will add much to their comfort.

As weed-destroyers, sheep have no equals. Of some 500 varieties of weeds and grasses grown in the Mississippi Valley, sheep will eat about 480 of them. They not only destroy the weeds but they will at the same time turn what is worse than a waste product into valuable mutton. Never was a weed-exterminator invented that could compare with them. There is no patent on this machine, no royalties to be paid for using it; and if there is no one to run the lawn-mower they can take its place. No one has ever been known to die from trichina entering into his system through eating mutton. It is the mission of mutton to save human lives and not to destroy them. We Americans are each year consuming more mutton; Boston is becoming one of the mutton-eating centers of the world. It now consumes 30,000 carcasses weekly; New York uses about 70,000; Philadelphia and Pittsburg are also large mutton-eaters. Chicago is using about 20,000, while St. Louis, Kansas City and Omaha, eat comparatively little mutton. The Easterner as a rule is partial to chops and the Westerner to steaks. We have only about enough sheep in our State to keep New York in mutton for two weeks. It is certainly time that we were thinking of this proposition and preparing for the future market demand.

Sheep properly handled require less outlay, less expense and less labor,

and return a greater per cent of profit than any other class of stock kept on the farm. It is now an opportune time for the small farmer to get his sheep as they can be purchased at very reasonable prices; the ranges are being taken up by settlers and the large flocks are being crowded out. The increased population is calling for more mutton and more and better clothing. The tendency is toward smaller flocks and more of them, and of better quality.

Kansas is adapted to sheep-raising because of her wealth of alfalfa and corn, which together form a ration for sheep unapproached by any other combination of feed, either in the breeding or fattening flock. If you buy a steer or a lamb at the same cost per pound and sell them at the same price, you will have something like this: 100 50-pound lambs at 4 cents per pound will cost \$200, and selling 100 75-pound lambs at 6 cents per pound would bring \$450; 100 fleeces at \$1.00 each would make a total of \$550 for the 100 sheep. Five 1,000-pound steers would cost at 4 cents \$200, say. At selling time they weigh 1,250 pounds each and are selling at 6 cents per pound, which would be \$375. The amount of feed consumed by each would be about the same. Thus we would have a profit of \$175 in favor of the sheep, and you do not run any more risk in raising a lamb than a steer; in one case you lose one one-hundredth of your investment and the other you lose one-fifth.

Sheep have been the salvation of England, where land is far more valuable than in this country, and yet there are thousands in this country who say that land is too high-priced to admit the sheep industry into their plan of management. Perhaps the chief reason why there are so few sheep is because the people are not educated in their management. With so many boys it is to do as their fathers did before them. If the father kept sheep the son is liable to follow in his footsteps; and if he did not keep them, the son is liable to know nothing about the business and he is not likely to go much out of his way to ascertain what there is in the industry. Study the situation, compare the present prices of sheep products with those of other farm animals and it ought to convince any fair-minded young man who will give the matter study, that there is good money in the handling of sheep. There are few farms that would not be improved by having sheep on them. There will doubtless be some who will make a failure of the sheep business but there are fewer failures in the handling of sheep than in handling any other class of live-stock; and if every farmer in the State would start this spring with a small flock of good sheep, the time would not be far distant when Kansas would have a world-wide reputation for her production of mutton, have the cleanest farms and the wealthiest farmers of any State in the Union. With sheep in connection with all of her other resources in the hands of educated and energetic men and women, Kansas would become the most prosperous, the most humane and the happiest State in the Union.

The Bloomington Breeder's Sale.

This is going to be one of the largest sales ever held in Illinois, January 3, 4 and 5, 1906, with 215 head of horses and 170 head of registered draft horses, mares and fillies, consigned by the very oldest and best breeders in the State; such as John C. Baker, with a lot of extra good Percherons, and his herd stallion, Hercules, the Illinois State Fair winner; Ed. Hodgson, with an extra good lot of Percherons that won 32 ribbons and 7 medals of the World's Fair, St. Louis; D. Augustine, the owner of Absalom, the first-prize World's Fair winner, and an extra lot of Percherons; Hurt & Son, the breeders of Buzetta, the World's Fair Champion first-prize winner, with their entire herd of brood mares and youngsters, and Cola and Charetta a black team that weighs over 4,300 lbs., and their herd stallion Pedree that weighs over a ton; Moots & Dodson, with the largest bunch in the entire sale, 43 head of Percherons, Shires, stallions, mares and fillies; A. M. Storm & Son, who will be at the

SECURITY Stock Food

is sold on the honest plan of satisfaction or no cost. This is a straightforward plain talk and means just what it says.

Use **Security Stock Food** (glutenized) for growing animals; for fattening animals; for work horses; for milch cows. The Food won't cost you a cent if you can't see that **Security Stock Food** has saved feed, made quicker growth; kept your animals in better condition, given more milk, and made you more money. Write us if not satisfied and we will refund price in full. You are the sole judge. No questions asked.

For five years this guarantee has been on every package sold. It also covers Security Poultry Food, Lice Killer, Gall Cure, Colic Cure, Worm Powder, Calf Food, Heave Remedy, Healer and Rheumatic Liniment. Security preparations are sold by dealers in almost every town in the United States, who will recommend them highly and "back up" our guarantee.

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Home-seekers' Excursions on the first and third Tuesdays of each month.

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

Address orders to **W. O. THURSTON,** Elmdale, Kansas.

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Saves time and labor—a few minutes each day will keep it; systematizes farm accounts in every department; shows in the simplest manner how to increase profits and decrease losses; endorsed by farmers everywhere. We stand ready to refund the purchase price on every book not found satisfactory. Write to-day for free circular describing the book in detail. Address
H. G. PHELPS & Co., Bozeman, Montana.

Merchandise Broker

Stocks of merchandise of all kinds bought and sold. Can handle your business anywhere in Kansas.

J. J. CARTER,
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International with a lot of extra good Percheron mares and fillies, good enough to be at the head of any herd; E. Murray with 18 Percherons; R. Stanger with his entire herd of Percherons; B. S. Harper with a good herd of Percherons; and 40 other good breeders with the best they have, and hardly a colt or horse in this bunch that will weigh less than a ton when finished and more black ones than you ever saw in one bunch.

This will be a regular fat-stock show and then you have the pleasure of pricing them yourselves, with a guarantee on every stallion to be a breeder. Come to a sale where you have 215 to pick from instead of 15 or 20, and where they will be sold, and not bid in and taken home, but sold to the high dollar. We have the 215 head and not the advertising number which is only one-half of the number, but 215 actual head of good horses, mares and fillies. The sale is to be held in one of the best cities in the U. S., a great railroad center, handy to get to, and in the heart of the great Percheron district of the world, and it will be held in the large Coliseum which holds over 3,000 people, well heated. If bad weather you will be perfectly comfortable, and within three blocks of the great Illinois Hotel and a dozen others of the same character for accommodations.

Professor Shaw Indorses Stock Food.

In a recent issue of Orange Judd Farmer, American Agriculturist and New England Homestead, Professor Thomas Shaw, says, "When the animal doesn't digest its food, which is indicated in the droppings, or when it doesn't respond sufficiently in appearance or in production, though given a sufficiency of food, in such cases a mild tonic would be helpful in effecting improvement."

Dr. Hess Stock Food, manufactured by Dr. Hess & Clark, Ashland, Ohio, meets just these requirements. It contains tonics for the digestion, iron for the blood, nitrates to eliminate poisonous waste material from the system and laxatives to regulate the bowels. These ingredients are also indorsed by every medical writer in America.

Now, if the digestion is stimulated, the appearance improved and the production of the animal increased by the addition of the above mentioned ingredients, it is undoubtedly a wise investment to use Dr. Hess Stock Food.

It cost less than a penny a day to feed Dr. Hess Stock Food to a horse, cow or steer and but three cents per month for the average hog. Consider the small amount of additional increase in weight or milk that is necessary to cover the cost of the Stock Food, and remember it is sold on a written guarantee.

Mr. C. W. Hallowell, Enosdale, Kans., says, "I want to speak a good word for Dr. Hess Stock Food; it is the best and cheapest. I have sold hundreds of pounds of your Stock Food. I worked for years in a drug store, that handled no other kind. Am in the cattle business now."

Gossip About Stock.

A remarkable record in longevity and reproductiveness of a Shetland mare comes from the famous Woodburn Farm in Kentucky, known the world over in times past as a nursery of Thoroughbred and trotting horses. The Shetland pony Belle foaled last year a black colt when she was thirty years old. It was very small, but managed to live nearly a month.

E. W. Melville, proprietor of the Knollwood herd of Berkshires, Eudora, Kans., has 140 head for sale including pigs and strong yearling sows, just what the breeder wants. Mr. Melville never had such a good class of Berkshires for sale as at present. He also has a number of yearling gilts bred for March and April farrow, good enough to go anywhere. For good bargains write quick.

The public sale of well-bred trotters, roadsters and standard-bred mares, which was announced to be held on December 27, 1905, at the Janes Stock Farm, has been postponed until April 3, 1906, at which time a very attractive and creditable offering of standard-bred horses will be made that should attract the attention of discriminating buyers. Announcements of the event will be made prior to the sale in the Kansas Farmer. For further information address, Heman S. Janes, Herington, Kans.

It is not often that there is an opportunity to buy Red Polled cattle at auction, but in this week's issue will be noticed the public sale to be held at South Omaha, on January 5, 1906, by S. A. Converse of Cresco, Ia., who will sell about 40 head of registered Red Polleds, which he believes will be the best large lot ever offered at public sale in America. He will also include two registered Clydesdale stallions, 2

Moore's Car-Sul Dip

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

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

YOU GET YOUR MONEY BACK.

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

Five gal. can \$6 freight prepaid.

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

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

and 8 years old in the sale. On October 15, Mr. Converse lost one of his large barns by fire, which makes this sale necessary. For catalogues address S. A. Converse, Cresco, Ia.

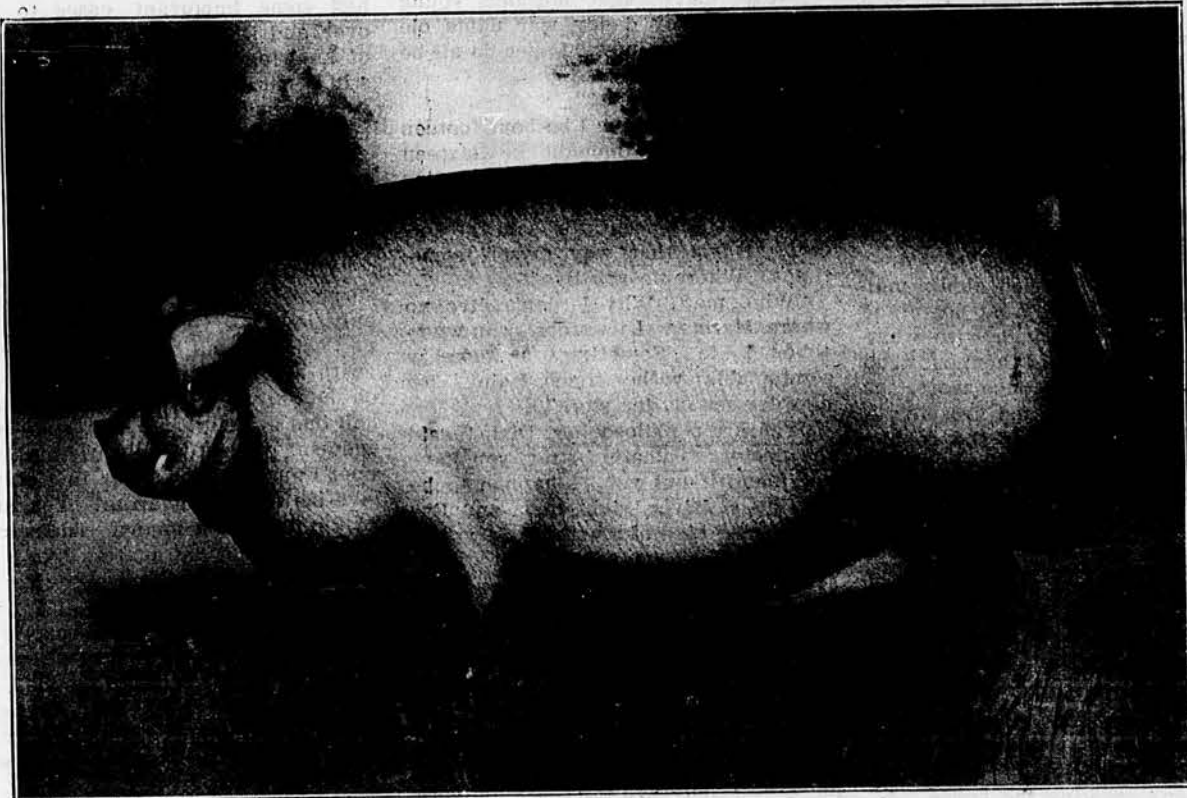
E. D. King, Burlington, Kans., has recently added to his herd 3 choice individuals by the champion "Lord Lee" 61133; one is a typical Berkshire herd-head, Lord Miller 74698. He is long, low, broad and deep, with fine head and back, loin and an extraordinary set of bones. He weighs 807 pounds in fair show shape and has sired some typical young stock of the sort we all are looking for. Lady Mills of Sunnyside 86041 by Lord Lee, is a full sister of later farrow and of the same description, is every inch a show sow and full of quality. Lady Masterpiece by Lord Lee is a daughter of Handsome Duchess 3rd, she by Masterpiece 22000. Handsome Duchess 3rd was sold by Sam Harris to L. E. Frost

through the death of Mr. Green. This bunch included 20 brood mares with eight yearlings, and at the head was the fine 40-inch stallion Allison.

Chas. Dorr, owner of the gold-standard herd of Duroc-Jersey red hogs of Osage City, Kans., whose advertisement is always in the breeder's column, writes: "I have never seen such a demand for red hogs as there has been this season; the people are having a craze for red hogs. They are finding out they are some of the best hogs on earth. I have been in the business for over 12 years and I have sold more hogs so far this year than at any time since I have been in the business so early in the season. I can not account for it unless it is the kind of Durocs I am breeding. It seems that they want the short-nosed and small-eared hog, and such is the kind I am breeding. I have yet a lot of fall pigs ready to ship by Ohio Chief Jr., by Royal

result of the careful and painstaking methods of Mr. Swiencinsky whenever he buys; it is always of the best, and consequently what he offers for sale is of the best. Mr. Swiencinsky has been a breeder of Poland-China's for eleven years. Parties from a distance will be entertained at one of the leading hotels. This will be an exceptional opportunity for careful buyers of good Poland-China.

Mr. J. R. Roberts, proprietor of the Dirigo Breeding Farm of Deer Creek, O. T., in a recent letter says: "I have just added a new herd boar, R's Grand Chief. He is by Grand Chief by Top Chief by Big Chief Tecumseh, dam Kemp's Choice by L's Perfection by Chief Perfection 2d. I got him of F. M. Lall, and he is one of the best boars Mr. Lall has ever produced. He is a little brother to one of the gilts Mr. Lall showed at the Illinois State Fair last fall, which won first in class



Champion 10313 at head of the Walnut Park herd, owned by W. W. Waltmire, Raymore, Mo. Winner of 3 prizes at the World's Fair at St. Louis; first at Missouri State Fair 1905, besides winning first prize champion over all breeds. Weight 879 pounds.

for \$300, and by him sold soon after for \$400. This gilt, Lady Masterpiece, is a perfect picture of her grandsire Masterpiece in his best form and would be recognized as one of his descendants by any one who had even seen him. She would pass for a model of the perfect type of Berkshire from the end of her nose to the tip of her tail. These royally-bred comers find at Meadow Brook plenty of the same type among the youngsters that have been farrowed there. Write him about these hogs.

One of the largest collections of Shetlands in the world is that maintained by Milne Bros. at Monmouth, Ill., consisting of over 200 ponies. Of this number 103 are brood mares, giving a large annual production of foals which find very ready sale at the proper age. This stud has had a strong demand for brood mares as well as finished ponies, indicative of the growing interest in the breeding of these valuable ponies. Wholesale deals in Shetlands are not uncommon. Milne Bros. have bought the entire stud of Green & Orr, Barry, Ill., which was thrown on the market

Rob, he out of Chief Perfection, and some by Honesty, my 800-pound hog. He will weigh 1,000 pounds in a few more months. I also have a few boars left—good ones, large enough for service. I am selling them very cheap. If anybody is looking for anything in the line of Duroc hogs, come or write me, care of the Kansas Farmer."

In Republic County, Kansas, an offering of 35 choice Poland-China hogs will be sold at auction by one of the county's oldest breeders, F. C. Swiencinsky, at his Freedom Stock Farm 3 1-2 miles northwest of Belleville, Kans., Wednesday, January 3, 1906. The sale will commence with a thoroughbred turkey dinner. The offering of 6 choice, tried sows, 6 selected fall yearling sows, 16 early top spring gilts and 8 grand good boars, all from the breeding of the best herds in the State. Sows are all bred to Republic County Sweepstakes hog Parks Tecumseh, 32597; spring and fall gilts bred to three other grand boars, Blain's Duke, 35132, Prince Perfection and Republic Chief. The animals in this offering are the

and was in first-prize herd. The get of Grand Chief have won in seven different States now, and not more than twenty have been fitted for show. R's Grand Chief is a September yearling, and weighs now, in very ordinary breeding flesh, 450 pounds. He is 57 inches around heart girth, 58 inches around flanks, 52 inches from tail to ears and has 8-inch bone. He has extra fancy head and ears, and in fact, is in good form from end to end. I will have sows in the sale at Caldwell, Kans., bred to him for spring farrow. My hogs are doing nicely and I have about 160 head in my herd, comprising spring boars and gilts by Perfect Boy, Perfect Peer, Broad Price, Lucy L's Choice, Black Chief, Walker, Faultless Perfection. Perfection, 4th prize-winner at the World's Fair last year, and Perfect Chief who topped the Arkansas City Poland-China sale."

Virtue and religion are often founded; a man may have both, and he can also have either without having the other.—Billings.



The Young Folks

CONDUCTED BY RUTH COWGILL.

"Night Before Christmas."

"Tis the night before Christmas"—
I whisper the rhyme,
And wander in fancy
To "once on a time."
I see the big fireplace,
The girls and the boys,
The long, heaped-up stockings,
The drums and the toys.

"Tis the night before Christmas"—
So old and so new!
With all of its dreamings
So good and so true.
I see all the faces
Forgotten so long,
And out of the twilight
There murmurs a song.

"Tis the night before Christmas"—
And here, by my grate,
The past rises, glowing;
The years lose their weight;
The boy days come trooping
At memory's call.
And gleam in the embers
That flicker and fall.

"Tis the night before Christmas"—
Ah, could I but clutch
The gold of my fancies.
'Twould go at my touch!
The shouts and the laughter
Now sweet to my ear
Would shrink to a silence
Too deep, and too drear.

"Tis the night before Christmas"—
Remembrances stir
As sweet as the cherished
Frankincense and myrrh.
And, hark! As the visions
Grow dim to the sight,
There comes; "Merry Christmas!
And, boy days, good-night!"
—Chicago Tribune.

Lill' Dixie's Christmas.

ANNA DEMING GRAY.

The air was clear and keen, and filled with glinting sparks, where the sunshine touched into light particles of frost here and there.

The passers-by, hurried along, muffled up to the eyes in great coats and furs, eager to get through with whatever business had called them out upon such a day, and seek once more, the warm shelter of home and fireside. A milk-cart rattled by over the cobblestones, every bolt seeming to rasp and creak, as if in protest against being forced to do every-day work upon Sunday, with the thermometer six degrees below zero!

There was a faint crackling sound in the air, and the keen wind cut one's face like a knife. A doctor's buggy drove rapidly up to a pretentious house on one of the fashionable streets, and a gentleman sprang out, caught a blanket from the seat, and began making his horse comfortable before tying her and entering the house. As he turned away, a slim little figure seemed to spring up directly in his path—a figure made up of such a queer assortment of garments, as to size and age, that even the doctor's grave eyes smiled. The trousers were too short, and the coat much too long, while the silk hat had apparently seen its best days before the present owner was born. But the child was quite unconscious of all this. His big, black eyes were fixed eagerly on the doctor's face.

"Well, Jack-in-the-box," said he good-naturedly, "from where in the world did you spring?"

"Frum nowhars, Master; cayn't yoo lemme hole yoo hoss fur yoo?"

"Oh, I guess not; you are too little, and she's hard-mouthed and pretty cross to strangers. Don't go near her heels, little chap. Better run along home; you'll freeze," he added over his shoulder, as he rang the bell and disappeared into the house.

When he came out twenty minutes later he had forgotten all about the child. Just as he climbed into the buggy, however, the boy sat upright on the seat, where he had been buried deep in the blanket.

"I jis been keepin' dis yere place warm fur you, Marster," he said. "I feared you ketch cole, ef you come outer dat warm room, and set down on his yere cole seat." And he rolled his black eyes up to the doctor's face

with an expression so irresistibly comical that the doctor broke into a hearty laugh.

"Very kind, I'm sure," said Dr. McClure. "I'm not used to having my comfort looked after so carefully."

All traces of uncertainty vanished from the small black face at the tone and the words.

"Ef yoo would jis trus, me, Marster, I knows I kin drive hur, and you kin keep yoo hans under kiver. Hit don't look like quality fer a fust-class doctor to be cavortin' round' driven heself. I never did see no hoss I caynt handle. Please lemme drive hur, Marster."

"Well, all right. You may take me to the stable, where I keep her, if you want to. Go down Grand Avenue, and up Morris Street to the Fulton stables. Do you know the place? Keep tight rein, little chap."

"Yessur, I knows," and he gathered the lines quickly, his face shining with delight, while the doctor sank back comfortably, his eyes keeping close watch over the small black hands at his side.

"I knoos dis yere hoss already," ventured the boy presently. "Many der time I done bed hur down, Marster."

"Oh, you have?" said the doctor, becoming interested.

"Yes, sah, at der stables, da low me ten ter hur, sometimes fur my dinnah, when da is short of hans."

"That accounts for her being so friendly to you. What is your name?"

"Who, me? Dixie, Marster, young Dixie. Fur my daddy war name ole Dixie; he's dade now. I spec da all be dade 'cept me."

"How old are you?"

"Who, me? I spec I be bout footeen er fifteen, er I mought be sixteen mebbey, by my yeahs; but by my feelins I be 'bout forty, Marster."

"Delightfully accurate," said the doctor. "I feel that way myself sometimes. Where do you live?"

"Who, me? Why I don't live no whars, Marster. I jes stops 'roun wher-ebber I kin. Sometimes I moughty comfortable; yother times, I aint. Jes like der res ob der worl'."

"You are a philosopher, Dixie," said the doctor. "What's better, you have not found it out yet. I happen to be hunting a driver, right now, and I've the biggest kind of a notion to try you. Do you think you could do it? You are pretty small, but you seem to know how to handle the Duchess." The boy's eyes grew round with wonder.

"Who, me?" he said presently, more from habit than as a question. He turned his head away, and swallowed hard. When he faced the doctor again there were tears in his eyes. "I done know how you gwin ter scuse dis yere behavishness," he said, presently. "Jes like I nevah learned no manna. But I has jis been wishin' fur dis yere chance. Ebber place I arsk fur work, Marster, da say, 'You too 'ill'. But when der Lawd done made me 'ill, how I gwine ter help it?"

And so the agreement was made for Dixie to take charge of the doctor's horse and drive for him.

In a neat, dark suit with a cap to match, he was so transformed that the doctor hardly knew him, and Dixie himself was a little uncertain of his identity.

At the stables, the doctor found that the boy had been employed as he had said, whenever extra help was needed. He was quiet and trustworthy, and, to use his own expression, "Could handle any hoss." His power seemed to come partly from his love for the animals and partly from his entire fearlessness. Nothing was known about him, except that he had appeared one morning when the stables were opened, and asked for work. He seemed to know no one and apparently had no home. A little black boy, however, without home or friends, was not a very interesting or unusual thing. And until Dixie had driven the Duchess up to the barn that morning, no one had cared enough about it to question beyond his name.

He performed all his duties faith-

fully, and soon had the Duchess eating from his hand, rubbing her slim neck against his shoulder and showing so marked a preference for him that the other stablemen were almost envious, and even the doctor said:

"Dixie, I think you must have bewitched the Duchess. She never let anyone else hang around her as you do, and I know she never looked so smooth and glossy before in her life." Dixie showed all his white teeth in pleasure at this praise, and then he grew serious.

"I spec hits dis away, Marster," he said. "Pears like ebber human has jes nacherly got fur ter lub suthin' er annuder. Pears like we all made dat way. I aint got nuthin', and so I jes lubs dat Duchess. I caynt seem ter help it. I would jis nacherly die fur dat hoss, Marster!" He turned away, as if half ashamed of showing so much feeling, and was soon roaring in a high, full voice, the words of one of his favorite songs.

Der way seem long, an' der worl' seem bright,
But Death will catch yer soon,
Come trabble der road what leads ter light,
Fur Death will catch yer soon!
Oh rise, rise, rise up sinnah,
Rise up, ter meet der mornin'!

At promptly half past ten each morning he drove down to the doctor's office and took him to make his round of morning calls. They were very silent drives, for the doctor always had some important cases to think over, and Dixie possessed the rare gift of knowing where and when to keep still. His admiration for the doctor was second only to his love for the Duchess.

"It wont be long now till Christmas, Dixie," said the doctor one morning "I suppose you are going to have a fine time."

"Who, me?" asked Dixie in great surprise. "Why, no, Marster, dar is only jes me. One pussun cayn't hab no Christmas, all by heself! But den," (with a deep sigh), "I has had a heap ob dem already. Mammy an me ust'er hab one ebber yeah. Yes, suh—ebber endurin' yeah! Las Christmas, Colonel Campbell down dar in Kentucky give me a whole quartah! Yes, suh—he did! He is a mighty rich man, an he jes fling out dat quartah like it war a penny!"

"What did you do with it?" asked the doctor, trying to look properly impressed by this evidence of wealth on the part of Colonel Campbell.

"Well, Suh!" said Dixie, thoughtfully, "I went roun behind der barn, an I study an study. Dar was jes twenty-two things what I want fur ter git wid dat money. Hit set me mose wile, devisin' which ob dem I want der wust. When I done 'cide what I'll git, I go down ter der stoo, an I spen ebber cint ob dat quartah fur a green an yaller bandanner fur mammy's har! Done hit jes so sudden dat I 'stonish myself. But sence I lose mammy, I've been powerful glad ebber time I think bout dat bandannah." And his eyes sought the dim line of clouds above the house-tops.

"I spec yo gwien ter hab a shoo-nuf big Christmas," he said presently, coming back to earth with a sigh.

"Well, you see, Dixie," said the doctor. "It's always a very quiet day with us. There are no youngsters to help keep things lively at our house."

"Dars a powerful lot of 'lill kids wid-out no folks, too," said Dixie, thoughtfully, as if the idea had just come to him. "Down hyah on der Norf Side, der alleys is jes full of dem; so poo, and so dirty dat yoo caynt scursely tell ef da is white er black chillum. I done 'spose da know what der good Lawd started Christmas fur, in der fust place." And the doctor put this unconscious piece of information away for future use. When Dixie had been something over a month in Dr. McClure's employ, he sent him one morning, a few days before Christmas, with a note to his wife.

"Why have you not said more about that new driver of yours, John?" she

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asked that evening. "I had no idea that he was such a little fellow. I should think that you would be almost afraid to trust him with the Duchess. But I like his face, and he is so polite, and so anxious to do the proper thing. There is something about him that reminds me of old Pinkie. I guess its his eyes."

"Perhaps its his skin; they are both as black as the ace of spades," said the doctor.

"Don't you know anything about him?" asked his wife. The doctor paused a minute before answering.

"Not much," he said. "I've intended to find out more ever since I got him, but I've been so busy lately. He's just perfection as a driver, although he is so small he's had a hard time finding work. You ought to have seen him in the rig he had on the first time I saw him. He's a good, quiet little chap, and suits me better than any boy I've had for two years. I've only had to reprove him once and that's remarkable. It was because he insisted upon singing while he waited for me in the buggy, a rather depressing hymn, beginning

Oh, be a mornin' sinnah,
Der day am drawin' nigh,
"Oh, be a mornin, sinnah!
Fur you shooley gwin ter die.
(Continued on page 1278.)

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For the Little Ones

Santa's Reproof.

On Christmas Eve I hung my stocking
By the mantel-shelf, you know;
I confess—'twas shocking! shocking!—
It was "holey" at the toe,
I was quite ashamed next morning,
And I am unto this minute;
Santa left me, as a warning,
Just a darning-needle in it.

—Susie M. Best.

Becky's Christmas Cake.

When Becky's birthday came in the
summer,
Her Grandmama sent to her small
namesake,
In a little round box of silver paste-
board,
A beautiful frosted birthday-cake;
And Becky thought that of all of her
presents—
The toys, and the books, and all of
the rest,
Yes, better by far than the dolls and
the candles—
Grandma's cake was the very best.

When Christmas grew near, said
Becky's mother,
"For a play to-day, a list let us make
Of the gifts we would like;" but Becky
shouted,
"I want just a Christmas-birthday-
cake!"

And her mother smiled; for out in the
pantry,
On a shelf, in secret set away,
Was another cake that, her Grand-
mama sent her
To make her happy on Christmas
Day.

When Becky awoke on Christmas
morning
A fat little stocking hung by her
bed,
And a silvery box sat there beside it—
"Oh Grandma did! she did!" she said,
And off the cover came in a twinkling!
Then—oh, what a scream rang
through the house!
For up through a hole in the top of
the frosting
Popped out the head of a small gray
mouse!

Whisk! 'tis gone! but scared little
Becky
Cries, "Mama! come quick, or he'll
nibble me!
He's here in my bed! he's gone in my
pillow!"
And Mama comes; and Becky and she
See a funny sight as the crackled frost-
ing
From the little silver box they take;
There are five baby mice cuddled close
together,
And not a crumb of the Christmas
cake!

—Josephine A. Van Tassel.

The Bird's Christmas.

A long time ago, when I was about
as tall as the smallest Junior Natural-
ist, one Christmas morning I went with
my father for a walk. It was so early
that the stars were still shining. As I
had never been out of doors before
while the world about me slept, every-
thing seemed strange. The air was
chill, but my coat was snug and warm

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as any red squirrel's and I didn't mind
the cold a bit.

At first we were alone on the village
street. It was very quiet. The only
sound we heard was the frosty little
squeak made by our feet. After a while
we saw an old woman in front of us;
at least she seemed old, for her back
was bent and she wore a shawl over
her head.

Following her slowly we noticed
that she was scattering something
from a package along the way. It was
too dark for us to see what this was.
As she turned into a side street and
passed out of sight we wondered what
had called her out so early that cold
winter morning.

By the time we started on our way
homeward, day had dawned. From
every quarter the cocks announced the
fact with joy. The sparrows, too, were
glad to welcome the new day. We
stopped to watch them as they gather-
ed in groups along the way. There
they were, feasting long before any-
one could expect a Christmas dinner.

Now what do you suppose these little
birds were eating? Grain and crumbs
that had been scattered along the road.
On this greatest of all holidays they,
too, had been remembered. It matters
not by whom, but I do not doubt that
our fellow-traveler of the early morn-
ing had something to do with it.—
Alice G. McCloskey, in *Pets and
Animals*.

Story of Stonewall Jackson.

It happened that the writer and an-
other cadet occupied the same room
with Major Jackson and another offi-
cer of the institute. As we were re-
tiring, the Major said to the officer
mentioned: "Captain, what do you do
with your watch and purse when
spending the night in a hotel?"

"Well," said the Captain, "I have no
fixed rule; but ordinarily I put my
waistcoat in which I carry them, under
my pillow."

"I can tell you a much better way
than that," said the Major. "I al-
ways place my watch in one sock and
my purse in the other, and lay them
on the floor as if they had been thrown
there carelessly. No one would think
of looking into a pair of soiled socks
for valuable."

We were up betimes next morning
—before daybreak, if I recollect
aright—and, having breakfasted, start-
ed for the wharf to take the boat. We
had marched possibly a couple of
squares when we were surprised to
hear the Major's voice giving, with his
peculiar intonation, the command:
"Detachment, halt. Place rest." Turn-
ing to see what was the matter, we
perceived the Major trotting briskly
toward the hotel. He soon returned,
and marched us to the boat.

Suspecting the cause of the stop-
page, I approached him as soon as
the boat had started, and said:

"Major, I was much struck with your
method of concealing your watch and
purse last night, and I think I shall
adopt it hereafter." A broad smile
crept over his face as he replied:

"Well, Mr. —, if you do follow the
plan, don't put on clean socks the next
morning and forget the soiled ones, as
I have done to-day."—Thomas M. Sem-
mes in the "Century."

Brig-Gen. Charles King has written
a delightful article for The Youth's
Companion on "The Modern Major-
General." An author was never better
fitted to a topic. His article is packed
with information, and he puts us in
touch with many famous soldiers,
dwelling particularly on the great
changes that have taken place in re-
cent times, when the commanding of-
ficer directs his forces by telephone
and telegraph as a merchant would in
his office.

In a deeply interesting essay which
ex-President Grover Cleveland has
written for The Youth's Companion,
and to be published during 1906, on
"The Country Lawyer in National Af-
fairs," he shows and accounts for the
predominance country-born and coun-
try-bred men, especially lawyers, have

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had in National affairs. Of the eighteen
Presidents since Jackson, more than
half have been country lawyers.

The Hares and the Frogs.

The Hares, appressed with a
sense of their own exceeding tim-
idity, and weary of the per-
petual alarm to which they
were exposed, with one accord deter-
mined to put an end to themselves
and their troubles, by jumping from a
lofty precipice into a deep lake below.
As they scampered off in a very num-
erous body to carry out their resolve,
the Frogs lying on the banks of the
lake heard the noise of their feet, and
rushed helter-skelter to the deep water

for safety. On seeing the rapid dis-
appearance of the Frogs, one of the
Hares cried out to his companions:
"Stay, my friends, do not do as you
intended, for you now see that other
creatures who yet live are more tim-
orous than ourselves."

We are encouraged by seeing others
that are worse off than ourselves.
—Esop's Fables.

A gentleman can't hide his true kar-
acter enny more than a loafer kan.—
Billings.

The man who won't learn by pre-
cept isn't going to learn much by ex-
perience.—Billings.



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That filled earth with its rays;
A band of heavenly songsters bright,
For Christ was born that day.

A nobler life, a greater aim,
A walk in higher way,
If in the soul and heart and life
Christ should be born to-day.

The greatest quietness and peace,
The longing to obey,
If into self it is allowed
Christ to be born to-day.

O peace divine, O love supreme,
O hopes that ever stay,
A life that is forever thine,
For Christ is born to-day!

A life of faith, a song of praise,
And lips that ever say,
"Unto the Highest glory be
For Christ is born to-day!"

MacDonald H. Brown.

A Plea for the Children.

The happiness and wellbeing of the child depends much upon the early training and its start in life. Much of the misery and sin of mankind is in consequence of the ignorance and carelessness of parents in their conduct toward them in childhood. A mother's first duty is to her child and she ought to appreciate her obligation to humanity enough to acquaint herself with the knowledge necessary to give her children the right start in life before she becomes a mother. So much depends upon the health. One is handicapped in life who is continually conscious of his stomach or head or back, and more disorders of the system come from disorders of the stomach than almost any other cause. It is no kindness to the child to indulge him in things that make him cross and weaken his power of resistance, and he will have to learn sometime to deny himself. The child who has not learned to deny himself things in the food line that are injurious to him, but is allowed to eat anything he likes, regardless of consequences, is the one who can not resist the temptation to smoke or drink. Dr. Bartley, of the New York Long Island Hospital College, declares very forcibly the harm done to American children by over-indulgence. He says:

"I have sometimes thought that I would call the attention of the Woman's Christian Temperance Union and ask them to include in the courses of study which they have introduced into some of our schools the extraordinary amount of alcohol which is formed by sugar in the little insides of the little boys and girls. Now, a little of this fermentation is good for us. A proper proportion of sugar—about the proportion that the ordinary sweet deserts bears to the ordinary dinner—is proper and healthful. In nothing is temperance—not total abstinence, but temperance—more necessary than in the consumption of sugar. But owing to the fact that children love sweets better than anything else, care must constantly be taken to prevent their eating too much sugar. A quantity of sugar produces a mass in the stomach which resembles the contents of the cider-barrel, the vinegar-barrel and the swill-barrel combined. How do I know? Because I have been taking such masses out of stomachs for the last twenty-five years and analyzing them.

"We hear a great deal in these days of ptomaine poisoning. A strong, healthy man is suddenly struck down by ptomaine poisoning. The poor ptomaines have to stand for a good deal that is much simpler and less interesting. The man starts in with beer. Then he takes a rarebit. He goes on to fried oysters and lobster and something stronger than beer, and winds up at midnight overflowing. Maybe he dies, but it wasn't from ptomaines. It was just from overloading his stomach with indigestible food.

So a child falls sick after eating a pound of taffy ptomaines. It is simply a mass of sugar setting up its ghastly fermentation in the tender little stomach.

"Candy is a particularly bad form of sugar, because it is made of glucose, which is cooked sugar. Glucose sets up a much worse fermentation than uncooked sugar. All baked apples and stewed fruits should be sweetened after they are cooked. Cooking the sugar with them makes them far less healthful. Another reason why candy is an abomination is because it is eaten on an empty stomach. Exactly the same rule applies to sugar as to alcohol in this. Taken at meals, with other food, it has a far less deleterious effect than when taken on an empty stomach.

"Children come into the world without any habits. The habits they form are due to those around them. Don't let your young child, just beginning to eat solid food, get the sugar habit. Feed it cereals, without sugar. Don't give it sugar or jelly on its bread and butter. Now, I don't mean to say a little sugar in these forms injures the child. But don't let it get in the way of thinking it can never eat bread and butter without something sweet on it. Accustom the child to taking its proper proportion of sugar in the form of dessert at its noon dinner. For that dessert let it have a rice or tapioca pudding, custard, boiled rice or baked apple, with a little sugar sprinkled on, or some such simple, digestible sweet."

Planning a Day's Work.

CLARA A. GEBHART.

"Yes!" muses the young housewife, "I will get my washing out early, churn before dinner, read a little while resting, practice music for an hour, then finish that dress to wear to the social to-night. I have everything planned for a full week's work!"

But an agent called, talked a long time and then ordered dinner. The churning was set aside, the cream getting too cold, and when supper-time came the dress was far from being completed.

"Never mind," quoth our optimistic lady, "I'll wear an old one, and I have time enough yet to catch up before the week closes." But she had not counted on company at the middle of the week, or the other numerous little unexpected happenings, and as she reviewed the situation on Saturday evening she found herself very much in arrears. In the school-room she had her classes arranged by the clock and order prevailed. Why not develop the same system in the home life, she argued? So she continued to work and plan.

Two years later a young tyrant ruled the household. She cared for him with all a mother's love, getting in her work at intervals as best she could, neglecting a little here and there for baby's sake.

The few years that followed evolved a new order of proceedings, and her cherished system expanded or contracted to fit the ever-changing conditions.

While the boys and girls were growing, nursing, cooking, mending and sewing filled her cup to the brim, and she could only hope to keep her work in line, patiently taking up the nearest task, and then the next, training each child to lend a hand as the years advanced. Gradually she saw her ideals taking more tangible shape, and in time had ample occasion to rejoice in the realization of a well-ordered household. Her own tasks grew lighter. The young folks became able to do for themselves and also to assume some of the responsibilities borne by her, and she saw the narrow channel of her life broadening into leisure to help others, read, write or take an occasional outing.

Let us take a peep into her diary

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written at 45, and quote a few lines: "I have learned to take time by the forelock, get at my work early and promptly, without fluster or worry and take a rest afterward. It is a wise plan to keep something in the larder for emergency dishes in case of unexpected company. I have learned to plan less in a day than I think I can do, leaving a margin for interruptions.

"In order to serve others, I must have a system so flexible that I can encompass all within the circle of my influence.

"We must live simply if we would have time to cultivate the higher nature, remembering that the life is more than meat, and the body than raiment."

Tested Recipes.

Sponge Cake.

Three eggs, 1½ cups flour, 1½ cups sugar, 2 teaspoons baking powder, 2 teaspoons vanilla, ¼ cup boiling water. Beat the whites and yolks separately until light, then put together and beat again, sift in sugar a little at a time, add flavoring, flour and baking powder, beat all together, last stir in hot water; bake in two layers and ice.—Mrs. Margaret Leeds, Sterling.

Blackberry Cake.

Six eggs beaten separately, 2 cups sugar, 1 cup butter, 4 cups flour, 2 cups blackberry jam, 1 cup buttermilk, 2 small teaspoons soda in milk, 4 teaspoons of allspice, 4 teaspoons of cinnamon, 1 grated nutmeg, 2 teaspoons of cloves; put the 2 cups of jam in the last thing.—Mrs. O. B. Johnston, Lyons.

Boston Cream Candy.

Three cups white sugar, 1 cup syrup, 1 cup cream; boil until it forms a soft ball when dropped in cold water. Just before taking from stove stir in 1 cup chopped nuts; stir until cool; spread on buttered plates and cut in squares.—Mrs. Shuler, Nickerson, Kan.

Rusks.

Two cups warm milk, ½ cup butter, ½ cup sugar, 2 eggs, 1 teaspoon salt, 1 cake yeast, 1 cup seeded raisins, dissolve yeast in the warm milk, add sufficient flour to make a batter. Let this rise till light. Beat sugar and butter to a cream, add the eggs well beaten; now add this to the batter

with the salt, raisins and flour to make a soft dough. Mould into balls the size of hen's eggs, put in buttered pan and let rise; brush with white of egg, sprinkle with sugar and cinnamon and bake 30 minutes.—Mrs. Ed Nordstrom, Lyons, Kan.

Buttermilk Ginger Bread.

Beat together for five minutes 1 cup butter, 1 cup molasses, 1 cup granulated sugar, 1 teaspoon ginger and 1 teaspoon cinnamon; set the bowl containing this mixture at the side of range until lukewarm, then remove from range and stir in 1 cup buttermilk, 2 beaten eggs and 1 teaspoon soda dissolved in a little hot water, add 1 quart flour. Beat hard and bake in one loaf with a steady fire.—Mrs. J. T. Tyrrell, Sterling.

Candy Fondent.

Two cups of granulated sugar, ½ cup of water; stir until all sugar is moist, then set on the stove and when it begins to boil add a little cream of tartar. Try a little in a spoon held in a cup of cold water and when it can be rolled up in a ball with the thumb and fingers, it is ready to set off the fire to cool a little, then add flavoring and stir until it is thick and white; then work with the hands and roll and cut in shape with a half of an English walnut on each piece.—Mrs. Rosa M. Chinn, Lordsburg, Cal.

Oyster Patties.

One quart of cream, 1 quart of drained fresh oysters, wash and cut each in two; let cream come to a boil, season with salt, pepper and butter size of egg; thicken it like cream. Fill patties and serve hot.—Mrs. O. B. Johnston, Lyons.

Potato Cake.

One cup butter, 2 cups sugar, 2 cups flour, 1 cup mashed potatoes, ½ cup milk, 4 eggs beaten separately, ½ cup grated chocolate, 1 cup English walnuts, 1 tablespoon cinnamon, 1 tablespoon cloves, 2 tablespoons baking powder, ½ tablespoon nutmeg, 1 teaspoon vanilla. This is a delicious cake.

Hints to Housekeepers.

Plunge your bread-knife into hot water before attempting to cut warm bread or cake.

No one should ever attempt to wash

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dishes without two pans—one for the washing proper and one for rinsing. Sprinkle salt over the coal in your bin in liberal quantities; it will make it burn more evenly and prevent "clinkers."

A severe paroxysm of coughing may be often arrested by a tablespoonful of glycerine in a wineglass of hot milk.

Besides the bother in winding worsted for fancy work off in the balls, it is not good for the worsted itself. It stretches it, and removes something of the light surface, making it stringy. It is better to unwind a skein into a very loose round, like a bottomless nest in shape, and holding this on the lap, use from it in working. The same precautions that are used in washing fine woollens need to be taken with silk. Prepare a suds of white soap and fairly hot water, and add to each gallon of water two table-spoonsful of ammonia. If the ammonia is strong, use only one tablespoonful. Let the garments soak in the suds for some time, half an hour, or longer. Wash by rubbing with the hands and gently squeezing. Never rub on a board, and never rub soap on the silk, unless some spots are unusually obstinate. Rinse thoroughly; this means through two or three waters, the same temperature as the washing water. Iron when nearly dry. If the garments are very delicate press under a thin muslin.

A mustard plaster made with the white of an egg will not blister.

For nervousness, try celery tea, which may be made by steeping the tops, roots, or even the seed, or by draining the water from cooked celery.—Ex.

Hints on Baking.

When baking a shell for a lemon or cream pie, try this plan to keep it in shape. Line the deep pie tin in the usual way, then after flouring the bottom and sides of another tin exactly like it, place it in the shell that is ready to bake. The empty tin keeps the crust in perfect shape, yet does not hinder its baking nicely.

When baking cookies, hermits or anything of that nature, instead of placing them in pans in the ordinary way, try placing them on the bottom of the pans when they are inverted. There is much less danger of burning them on the bottom, and being farther removed from the heat of the bottom of the oven, they will rise more before becoming set, and are therefore much lighter and better.

When baking custard in cups, set them in a shallow pan of hot water. The custard bakes much more evenly throughout, and is less liable to separate, and the steam rising from the water makes it impossible to scorch the top even with a quick fire.

To bake fruit pies so that all the juice is retained yet does not soak the bottom crust, try this plan: Put stale bread through the food chopper, and place a layer of it, a quarter of an inch thick, over the bottom crust after it is placed in the tin and before the fruit is put in. The crumbs absorb the extra juice, and cause it to become like jelly, which improves the pie but gives no hint of bread crumbs. This is much more satisfactory than using flour, which so often leaves a raw, pasty taste when the pie is done.—Mrs. H. M. Woodward, Winnebago Co., Ill.

Club Department

OFFICERS OF THE STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. May Belleville Brown, Salina
Vice-President.....Mrs. L. H. Wishard, Iola
Cor. Secretary.....Mrs. W. I. McDowell, Salina
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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 (1902).
Women's Club, Logan, Phillips County (1902).
Domestic Science Club, Osage, Osage County (1898).
Ladies' Crescent Club, Tully, Rawlins County (1902).
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1898).
Chalfree Club, Highland Park, Shawnee County (1902).
Chas. Club, Phillipsburg, Phillips County (1902).
Literature Club, Ford, Ford County (1903).
Saban Club, Mission Center, Shawnee County, Route 2, (1899).
Star Valley Women's Club, Iola, Allen County (1902).
West Side Forestry Club, Topeka, Shawnee County, Route 8, (1905).
Fortnight Club, Grant Township, Reno County, (1903).
Progressive Society, Rosalia, Butler County (1903).
Pleasant Hour Club, Wakarusa Township, Douglas County (1899).
The Lady Farmers' Institute, Marysville, Marshall County (1902).
Women's Country Club, Anthony, Harper County.
Taka Embroidery Club, Madison, Greenwood County (1902).
Mutual Improvement Club, Vermillion, Marshall County (1903).
Friends Reading Club, Cawker City, Mitchell County (1903).
Cosmos Club, Russel, Kans.
The Sunflower Club, Perry, Jefferson County (1905).
[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

PROGRAM OF FAMOUS WOMEN.

Florence Nightingale.

Roll Call—Hygienic Rules.

I. A character sketch.
II. From Fleidness Hospital to Nightingale House.

III. Florence Nightingale and the Crimean War.

I. Florence Nightingale was the younger of two daughters of a wealthy landowner. She was born in beautiful Italy, and was carefully reared in a home of refinement and luxury. She was educated, cultured, and rich, and traveled extensively; but amid all the world's attractions she chose to devote her life to the cause of humanity. She possessed a heart of tenderest sympathies which ever sought out ways to alleviate the suffering of both man and beast.

II. In her travels she turned from fashionable life and spent her time visiting hospitals, asylums, and infirmaries: thus she learned the need of trained nurses and saw what refined women could do in hospitals. This led her to spend some time at Fleidness Hospital on the Rhine at Karsarwert. Here she fitted herself for her great work. A brief description of this hospital and its founder, and of her hospital work to the founding of Nightingale House in London would be interesting for a paper under the second topic.

III. The Crimean War was caused by the aggressiveness of Russia and terminated in Russia's defeat. This bit of history is especially interesting just now—and no history of this war is complete that omits the work of this one of its greatest and purest heroines, Florence Nightingale.

Things One Would Not Have Said.

There was once great consternation in the office of Zion's Herald when the writer of an obituary article upon a mother in Israel, having said in pious phrase that she died and "claimed the promises," was made to aver that she had died "and cleared the premises." And it was out at Worcester, Mass., where Rev. George H. Hepworth, having declared in a public address, "I am not a free lance," the sedate Spy gave him fame by printing the sentence, "I want a free lunch."

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

GUARANTEED FOR FIVE YEARS

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

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

The Apiary

More About Wintering Bees.

EDITOR KANSAS FARMER:—In the KANSAS FARMER for Nov. 30, general direction for the preparation of bees to be stored in the cellar for the winter are given. I desire to state that in most parts of Kansas my experience has taught me that to remove the bottom board from the hive, on storing bees in the cellar, is not necessary, for here in Central Kansas and in Western Kansas we have dry cellars the year through. In all countries where cellars are damp or wet, the more ventilation we may give bees in the cellar the better. I live in the center of the State and never remove a bottom board; but on the contrary, I construct the entrance to the hive so that mice can not enter; as they will do an unlimited amount of harm if they have access to the combs and honey. I also put an empty super directly over the bees. I have never had any moldy combs or wet hives, when thus arranged. The bottom board aids very materially in shutting out the light at such times as it may be necessary to enter the cellar. I also hang a heavy curtain in front of the hives, which nearly keeps the hive entrances dark. A thermometer is hung near the center of the cellar so as to indicate the temperature, which I do not permit to go above 50 F. nor lower than 35 F. I have never lost a colony when cared for as above outlined.

I find that the bees consume less honey during winter when thus kept in a dormant condition. If there are several fine days in February, so that bees can fly out of the hives with safety, I carry them out to the summer stand about noon, and let them take a flight; and at night I return them to the cellar, and let them remain until a mild day in March occurs, when I move them permanently to the summer stand.

In localities where cellars are not dry, it may be best to remove the bottom board, as suggested. But I will supplement what was said in the article referred to, namely, that great caution must be used in moving bees to the cellar with the bottom board removed from the hive. For if the bees are jarred and stirred into activity, it will be necessary to put salt on the business end of each bee, in order to get them to return to the hive and be good, even when moving them at nightfall or by moonshine. They should be put on the summer stand as early

in March as the weather will permit them to fly, in order to stimulate them to rear young brood and get the colony strong as early as possible.

G. BOHRER.

The Ass, the Fox and the Lion.

The Ass and the Fox, having entered a partnership together, went out into the forest to hunt. They had not proceeded far when they met a Lion. The Fox approached the Lion and promised to contrive for him the capture of the Ass if he would pledge his word that his own life should be spared. On his assuring him that he would not injure him, the Fox led the Ass to a deep pit and contrived that he should fall into it. The Lion, seeing that the Ass was secured immediately clutched the Fox and then attacked the Ass at his leisure.

Traitors must expect treachery—Esop's Fables.

Vivid Stories.

What else can make historic men and deeds seem so real? Such stories—in a series of groups each dealing with a particular period of our history—will begin to appear in The Youth's Companion for 1906, and will continue until the history of the nation to the close of the Civil War is reviewed. The utmost pains have been taken to secure stories which excel not only as stories, but also as accurate pictures of historic times. As a stimulus to historical reading, a supplement to school work, an awakener of patriotism, this series has an educational value and a literary importance of the first order. Among the authors will be C. A. Stephens, Grace King, Emerson Hough, Homer Greene and Sarah Barnwell Elliott.

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Review of Reviews.....	\$3.00
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We have 1,000 subscriptions for the first three to dispose of and can therefore offer the four above-named magazines for \$3 received at this office. The four must go in one set, though they can be sent to different addresses. Address

KANSAS FARMER CO.,
TOPEKA, KANSAS.

LILL' DIXIE'S CHRISTMAS.

(Continued from page 1274.)

Oh, be a mornin' sinnah!
Fur all yo' sin and pride,
Dars de rushin' ob der watahs,
As yo' nears ter Jerdens' side."

"You can see, Alice, that this would have rather a depressing effect upon a patient, and beside was not a very good advertisement for me as a doctor; and so I kindly but firmly requested him to choose some other song." His wife laughed. "Well, he certainly does remind me of Pinkie," she said.

Pinkie was the cook. She had appeared at Mrs. McClure's kitchen door one morning some months before, and asked for work. Her almost hopeless expression had aroused sympathy, and as they were needing a cook, Mrs. McClure had hired her.

She seemed to be very reticent about herself and her past life, but she was an excellent cook in spite of her name and her size, for she had to turn sideways to get into the pantry door. She had turned out to be an inveterate church-goer, too, and seemed to want to attend every church meeting she heard of.

"Speaking of Dixie," said the doctor "I think I must have a talk with him. Perhaps we could arrange to have him sleep here, Alice. He could do a lot of odd jobs around the place, and I don't like to have him spending so much idle time about the barn. It's poor training for a half-grown boy. The rest are all men, and some of them pretty rough, I imagine. Do you think you could fix up a place for him here, Alice?"

"Of course we can keep him here, if you wish it. Now, there is that tiny room off the kitchen that we use for trunks. Its warm and comfortable, and with a good garret, we don't need it at all. I will speak to Pinkie about it tomorrow, and we can have it ready in a day, I think." And with this decision, they retired for the night.

Just after midnight, the telephone rang sharply at the head of the doctor's bed. He sprang up quickly, thinking of all the sick babies on his list, but the message was from the Fulton Livery Stables. "Come at once, the stables are on fire!"

A few minutes after, he was on his way, and as the barn was only a short distance away, he soon came within sight and hearing of the scene.

A fire is always a fearful thing, and a fire at midnight doubly so. When he reached the place, already the left wing of the barn was beyond saving, and the flames were rapidly getting beyond control in the main building.

There had been eight horses in the left wing, and of these only three had been saved, so wild had they become with fright and the smell of the flames. The air was filled with that awful sound, which is never forgotten, if once heard. That long, sharp scream, so awful in its intensity as to sound almost human. There was uproar and confusion, quick commands and answers; and above all, and over all, the call of the perishing beasts.

The doctor pushed his way to the front of the main wing, in the center of which was the Duchess. The firemen were working valiantly at both ends of the building, but a sheet of flame was sweeping along the roof. Suddenly, near the door, Dixie appeared, held back by two of the men.

"Lemme go!" he cried shrilly. "You all lemme go!" and he slipped from their retaining hands like an eel, and darted into the flames.

"Little fool!" said one of the men. "I did my best to get her out, but she just won't be blinded, and kicks out on all sides at once. Acts like all possessed, so I left her. I don't see no use in gettin' burned for a hoss! He is sure to be burned, but nothin' could stop him."

The doctor called as loudly as he could, but in the noise and confusion the sound of his voice was drowned.

The front of the barn fell forward, and they saw the slim figure of Dixie on the back of the Duchess, outlined in the flames for one brief moment.

In almost every hamlet—every neighborhood—there are living examples of what Liquozone can do. Wherever you are, you need not go far to find some one who has been helped by it.

Talk to some of those cured ones; perhaps your own friends are among them. Ask if they advise you to try Liquozone. Or let us buy you a bottle, and learn its power for yourself. If you need help, please don't wait longer; don't stay sick. Let us show to you—as we have to millions—what Liquozone can do.

What Liquozone Is.

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

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

We purchased the American rights

She was not blinded and her eyes were like coals of fire. Only the boy's hands on her neck restrained her. And then she seemed to spring into the air, and away from the wall of fire that surrounded her.

A cheer rang out, but the boy's scarred hands held on only until she stood still, trembling and frightened, on the outskirts of the crowd, that had swept back to let them pass, and then he slipped, a little unconscious heap, to the ground.

When the doctor had gotten him home, and his wounds dressed, he still did not rally, and when daylight came little Dixie seemed very near the Borderland.

Pinkie came stealing in, as softly as her bulky form would allow, and stepped over to look at the child. She stood for a moment at the bedside, and then with a cry, knelt with her arms about him.

"My own lill' Dixie! My own lill' Dixie!" she cried. "Has I done foun yoo at las? When we come ter dis yere stronghold of Satan, dar war jes us two lef of der famby. Den you got loss from me, an I hunt for yoo and hunt fur yoo, an nebber see yoo no mor! I's gone ter ebber church I hyah ob, hopin' ter see you some'ers, but I nebber did!"

"Lawd, Lawd! he air all I got lef! Take somebody else chile, whats got somethin else ter lub, but leave me my onliest baby!"

The boy turned restlessly on the pillow, and opened his eyes. They looked into the black, loving face above him.

"Mammy," he said, "I done tried ter be trustful like what yoo teached me. I sated der hoss, mammy; is dis yere hibben'?" And the doctor slipped softly from the room and closed the door after him, whispering to his wife in hall:

"Leave them alone, Alice, the little chap is going to pull through, and if we don't give them a Christmas they'll remember, it won't be our fault."

East St. Louis.

To nearly everybody the name of St. Louis only represents the city on the right bank of the Mississippi River, in the State of Missouri. But as a matter of fact, right across the river in the State of Illinois is a very large city—even if it is not so big as the town in Missouri.

This eastern bank city is East St. Louis, Ill. It would well repay any Kansan visiting St. Louis, Mo., to walk

"I'm Well

Because of Liquozone," is a Tale Told Everywhere.

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

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

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

Where It Applies.

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

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

Also most forms of the following:

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

50c Bottle Free.

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

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

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I have never tried Liquozone, but if you will supply me a 50c bottle free I will take it.

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True But Not the Facts.

The census-taker rapped at the door of the little farmhouse and opened his long book. A plump girl of about 18 came to the door, and blinked at him stupidly, says the Youth's Companion. "How many people live here?" he began.

"Nobody lives here. We are only staying through the hop season."

"How many of you are there here?"

"I'm here. Father's in the woodshed, and Bill is—"

"See, here, girl, I want to know how many inmates there are in this house. How many people slept here last night?"

"Nobody slept here, sir. I had the toothache dreadful, and my little brother had the stomachache, and the new hand that's helping us got sunburned so bad on his back that he has blisters the size of eggs; and he all took on so that nobody slept a wink all night long."

The Horse's Failing.

Hans, the ruralist, was in search of a horse. "I've got the very thing you want," said Bill Thomas, the stableman, "a thoroughgoing road horse. Five years old, sound as a quail, one hundred and seventy-five cash down, and he goes ten miles without stopping."

Hans threw his hands skyward.

"Not for me," he said, "not for me. I wouldn't gif you five cents for him. I live eight miles out in de country, und I'd haf to walk back two miles."

—The Norman (Oklahoma) Voice.

SPRAYERS



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

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

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THE "GARFIELD KNAPSACK"

for special spraying.

THE "EMPIRE KING" or

THE "EMPIRE QUEEN"

for small orchards.

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NOW is the time to get your sprayer

JOHN DEERE PLOW CO.

KANSAS CITY DENVER

THIRTY-FIFTH ANNUAL MEETING OF THE KANSAS STATE BOARD OF AGRICULTURE.

This meeting will begin in the Capitol building, Topeka, Wednesday, January 10, 1906, at 4 o'clock p. m., and continue in session until the business requiring attention shall be disposed of. Following are the officers of the board:

J. W. Robison, president, El Dorado; A. L. Sponsler, vice-president, Hutchinson; Edwin Snyder, treasurer, Oskaloosa; F. D. Coburn, secretary, Topeka. The members are:

E. W. Hoch, Governor (ex officio), Topeka; J. R. Burrow, Secretary of State (ex officio), Topeka; J. T. Tredway, La Harpe, Allen County; G. W. Glick, Atchison, Atchison County; Edwin Taylor, Edwardsville, Wyandotte County; Chas. E. Sutton, Russell, Russell County; Geo. W. Hanna, Clay Center, Clay County; W. R. Dowling, Norcatur, Decatur County; Thos. M. Potter, Peabody, Marion County; A. W. Smith, Grove-land, McPherson County; I. L. Diesem, Garden City, Finney County; T. A. Hubbard, Wellington, Sumner County.

Wednesday, January 10, 1906.

Afternoon Session, Opening at 4 o'clock. Roll call.

Appointment of committees.

Report of Committee on Credentials. Reading of minutes of preceding meeting.

Reports of officers.

The topics following will be taken up and considered, as near as may be, in the order given. Papers will be subject to pertinent discussion, and delegates are urged to prepare for these discussions. Others present, of whom there is likely to be a large number, will also, as heretofore, have the privilege of participating in the discussions, and are cordially invited to do so.

Evening Session, 7:30 o'clock.

Address of welcome, Gov. E. W. Hoch. Address of welcome on behalf of city, Mayor W. H. Davis.

Response, Pres. J. W. Robison.

Corn Improvement by Seed Selection (illustrated), C. P. Hartley, United States Department of Agriculture, Washington, D. C.

Listing Corn; its Methods and Machinery, Andrew Shearer, Frankfort.

Thursday, January 11.

Morning Session, 9:30 o'clock.

Climate as a Factor in Farming, Dr. John R. Sage, in charge of Iowa Section United States Climate and Crop Service, Des Moines.

Shall we Use or Abuse Our Soils? H. A. Huston, St. Louis, Mo.

Afternoon Session, 1:30 o'clock.

Some New Phases in Pork Production Wm. Dietrich, Instructor and Investigator in Swine Husbandry, Illinois College of Agriculture, Urbana.

The Most Profitable Type of Bacon Hog, H. N. Gentry, Sedalia, Mo.

Evening Session, 7:30 o'clock.

The Bread we Eat, Prof. Harry Snyder, Minnesota College of Agriculture, St. Anthony Park.

The Farmer: Past, Present, and Future, Mrs. Otis L. Benton, Oberlin.

Friday, January 12.

Morning Session, 9:30 o'clock.

Breeding an American Carriage Horse, Geo. M. Rommel, Animal Husbandman, United States Department of Agriculture, Washington, D. C.

Baby Beef, Mutton and Pork, Jos. E. Wing, Mechanicsburg, Ohio.

Afternoon Session, 1:30 o'clock.

Election of officers and members. Value of Inherent Quality in Live Stock, A. P. Grout, Winchester, Ill. Query Box.

Evening Session, 7:30 o'clock.

Glimpses of German Agriculture as Seen by a Native Kansan, Prof. J. T. Willard, Director Kansas Experiment Station, Manhattan.

The Victory of the Country, Mrs. W. D. Atkinson, Parsons.

Other Meetings.

The Kansas Improved-stock Breeder's Association will hold its regular annual meeting at Topeka, in the Capitol building, in the same week as the State Board of Agriculture (Monday, Tuesday, and Wednesday, January 8, 9, and 10); the Kansas Swine-breeders' Association will be in session January 8-10; The State Veterinary Medical Association January 8 to 10; the State Bee-keepers' Association, January 9 and 10, the Auctioneers' Association, January 9-10, and the State Poultry Association will be holding its annual poultry show during the entire week.

Secretary H. A. Heath, Topeka, will furnish programs for, and information about, the stock-breeders' meeting; Secretary I. D. Graham, Topeka, about the swine-breeders' meeting; Secretary Hugh S. Maxwell, Salina, about the veterinarians' meeting; Secretary A. O. Keene, Topeka, about the bee-keepers' meeting; Secretary L. S. Kent, Hutchinson, about the Auctioneers' meeting, and Secretary Thos. Owen, station B, Topeka, about the poultry association's meeting and show. It is believed that

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The choicest irrigated land in the West.

Own a ten acre fruit ranch and be independent.

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THE UNITED STATES GOVERNMENT

is expending over seven million dollars in building reservoirs and canals to irrigate 750,000 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 25 to 35 bushels, oats 25 to 35 bushels, barley 25 to 35 bushels per acre. All fruits raised to great perfection.

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

SNAKES

are not found in the SNAKE RIVER VALLEY, but here is found the most beautiful tract of agricultural land in the United States, and you do your raising, and have no failure 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; Skelet & Shell, General Merchandise; Chas. S. Watson, Druggist; Gray & Ross, Townsites; W. W. Youmans, Harness Store.

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One of the garden spots of the Pacific Coast. Here are most favorable climatic conditions. Richest sediment soil. Grain and fruits thrive. Ample watered by numerous streams and irrigation system and heavy rainfall besides. Railroad and steamers.

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Splendid boulevards, Los Molinos town on land. Come before January 1st, 1906, and if you purchase to value of \$1,000 or more we allow you railroad fare. For full information and printed matter write

LOS MOL NOS LAND CO., 305 WASHINGTON STREET, RED BLUFF, CALIFORNIA.

no man or woman interested in the agricultural or live-stock industries, or in wholesome homemaking, can attend these meetings without profit. Their sessions and discussions are open to all.

Railroad Rates.

All Kansas railroads have granted for these meetings an open rate of one fare plus fifty cents to everybody for round-trip tickets, and no receipts or certificates will be necessary. Tickets will be on sale January 6 to 13 inclusive, and be good for return passage until and including Monday, January 15.

"Whosoever will may come."

Be sure to ask for and purchase reduced-rate round trip tickets.

Hotel Rates.

Rates at Topeka hotels and boarding houses will, as usual, be reasonable, and accommodations can readily be secured suited to the purses of all classes.

Why Children Are Bad.

Because they are hungry or thirsty. Because they have been allowed to overeat.

Because they have been given pernicious, cheap sweets.

Because they have not had proper sleep.

Because their clothing is not comfortable.

Because their room in which they sleep or play is stuffy or ill aired.

Because their parents break promises to them and buy them off with bribes.

Because they are brought up on a negative diet of continual, "No, no, no,"

instead of an occasional good, hearty "Yes."

"In ante-bellum days," says Sheridan Plaughe, "when the feeling in Kansas and Missouri ran high and the 'Free State' men were trying to hold the State of Kansas in the free column, there were exciting times in the West. It is said that the Missourians tied a cow at every ford and a traveler seeking to cross who said 'cow' would be permitted to go along without trouble. If he said 'keow' he had to turn back. But the Kansans tied a bear on their side of the stream. If an emigrant said 'bear he was welcomed. If he said 'bar' he had one hour to get back to Missouri, being branded as an advocate of slavery."

The Widow and Her Little Maidens.

A widow woman, fond of cleaning, had two little maidens to wait on her. She was in the habit of waking them early in the morning, at cockcrow. The maidens, being aggrieved by such excessive labor, resolved to kill the cock who aroused their mystery so early. When they had done this they found that they had only prepared for themselves greater troubles, for their mistress, no longer hearing the cock was unable to tell the time, and so woke them up to their work in the middle of the night.

Unlawful acts to escape trials only increase our troubles.—Esop's Fables.

WHEN BUYING A CORN SHELLER.

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

The NEW HERO

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

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

APPLETON MFG. CO.,

19 Fargo Street

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Write to-day for Free Catalogue.



Grange Department

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

All communications for this department should be addressed to Mrs. Kittle J. McCracken, Station B, Topeka, Kans.
The Kansas Farmer is the official paper of the Kansas State Grange.

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Oak Grange Farmers' Institute.

The Oak Grange Farmers' Institute, held this year on Dec. 6 and 7, was a pronounced success. When men and women of a community, engaged in the same occupation, get together to talk over their business affairs, be mutually helpful, and derive the pleasures of association together, it is a sign that those people are making a success of their vocation; and as the business of farming embraces more phases of life than almost any other, because all members of the family participate in it and because the home is the farmers' place of business, these gatherings, called farmers' institutes, show that the community is making the most of life. As Governor Hoch, who was one of the speakers of the occasion, said, it is well that farmers lay particular stress on the pleasure side of these gatherings; and he suggested that the farmers follow the example of the editors of the State, who, he said, persuaded the railroads to take them on free excursions after the business of the State Editorial Association is finished. "Why should they not do this as well for the farmers?" the Governor asks. "The farmer furnishes the business of the railroads and enables them to build their roads by voting bonds."

The program was carried on this year entirely independent of the State Agricultural College; but every session was well attended and careful attention was given to all papers and addresses. Topeka furnished several speakers and they were much appreciated by the hearers; but doubtless the most benefit was derived from the papers by men of the community and from the discussions that followed the papers. Business men of all lines, from brewers to bankers, meet together to talk over business affairs, but probably in none of the conventions is the presence of women so marked, and in none are the papers on such a variety of subjects as in farmers' institutes. But, though the range of subjects is broad, the treatment of these subjects is generally most practical and seldom superficial. One notices the absence of long introductions and wordy paragraphs, added for effect.

Probably no class of people put so much thought on their business as does the farmers. Mrs. H. O. Garvey emphasized this in her paper on "The Practical Value of An Ideal." She said that in order to make life worth living one must have ideals. We may never attain them, but every advance in the direction of the ideal affords us pleasure. She said the surest way to keep the boy on the farm is to keep his ideals there. Let him work for an ideal farm. If the father has made mistakes, let the son see them and profit by them. The practical value of an ideal comes when we put the ideal into practice. With the farmer it is necessary to combine the ideal and the practical.

In his paper on "The Best Flowers, Shrubs and Trees for the Yard of an

Ideal Country Home," Dr. Geo. P. Lux, in an able manner, upheld an ideal. The readers of the KANSAS FARMER will probably be able to read the papers of Dr. Lux and those of most of the other speakers, and can derive more benefit therefrom than from any short review.

The papers on "The Use of the Disk," and the one entitled, "Small Fruit," by O. F. Whitney, caused more discussion than did any others. They dealt with the problems of farming pure and simple, and they were handled in a most able manner. It is evident that Oak Grange farmers are making an effort to keep up to date in regard to farm machinery. They believe that the new should be tried, and if found good, adopted; but if found useless, discarded. The various uses of the disk were discussed and the weight of the argument might be summed up by saying that the disk is a great success in the hands of a competent and careful man who is mechanical and thoughtful.

In his paper on small fruit, Mr. Whitney gave information which seemed to be accepted as authority by his audience. He said that no amount of teaching by means of papers or addresses would make a man a successful fruit-grower. A man must plant some fruit and then use instruction of this kind, along with actual experience, to make a success. He said, further, that the fruit-raiser must select his varieties with regard not alone to what kind of product he wishes to gather, but as well and perhaps primarily, with regard to the location and soil in which he expects to plant them. Mr. Whitney gave a list of varieties which had been noted as good ones and their rank as to the best, but he emphasized the fact that farmers should raise those fruits which are best for their own consumption and canning, and remember that with the horticulturist the element of keeping and shipping quality must have great influence. H. B. C.

Parcels Post.

President Roosevelt's crusade for railroad-rate regulation legislation and the apparent ease with which, because of the educational work that has been done, the railroads have been forced to a compromise and surrender, has whetted the public appetite for other victories over the corporate powers that prey.

At Atlantic City last week the National Grange, in declaring for a National campaign in favor of an American parcels post, sounded the first note of this new sentiment, which demands

restriction of public utility monopolies and abuses. What that first note signifies is set forth below:

Under the United States postal laws it costs 16 cents a pound to send merchandise through the mails; and no parcel weighing more than four pounds will be accepted for transmission. The charge is the same, whether the parcel is to be sent from Philadelphia to Ogontz or to Seattle.

In England parcels not exceeding one pound in weight may be sent any distance through the mails for six cents; two pounds, 8 cents; three pounds, 10 cents; four pounds, 12 cents; five pounds, 14 cents; six pounds, 16 cents; seven pounds, 18 cents; eight pounds, 20 cents; nine pounds, 22 cents; eleven pounds, 24 cents.

Parcels weighing more than eleven pounds are not accepted.

In Germany, parcels not exceeding eleven pounds in weight may be sent a distance not exceeding forty-six miles for 6 cents, or for unlimited distances within the German and Austrian empires for 12 cents. For excess weights and distance the scale of rates varies. Parcels of a weight up to 110 pounds are accepted.

The English parcels post is the most restricted and inefficient among the systems maintained by European nations. The German parcels post represents the acme of liberality and efficiency, as achieved in this important branch of the postal service.

The difference between American condition under which it costs 64 cents to send a four-pound parcel one or 1,000 miles, as against 24 cents charged for an eleven-pound parcel in England, and 12 cents charged in Germany, measures the halting step with which the development of the postal service in America has progressed, American parcels-post charges being

6,000 per cent greater than those of England.

Proned as we are to boast of the superior efficiency of our postal service, the fact is that it has progressed more slowly during the last half century than has that of any of the nations of Europe.

It was a protest against the difference between the American and the English and German systems that was intended by the National Grange, when, last week at Atlantic City, it passed resolutions favoring the establishment of an American parcels post.

For nearly twenty years the agitation for an American parcels post has been in progress. It has, however, lacked force and concentration, no organized effort, such as the National Grange proposes to institute, ever having been exerted.

In the words of John Wanamaker, former Postmaster General, who thoroughly understood the question of transportation, there have been four reasons why the parcels post has never been established in this country.

"The first is the Adams Express Company," said Mr. Wanamaker some years ago in commenting upon the backwardness of our development in this direction, and the almost insuperable obstacles in the way of establishing an American parcels post. "The second is the American Express Company; the third is the Wells-Fargo Express Company, and the fourth is the United States Express Company."

The Duc d'Aumale, who had lived long in England, and was supposed to speak English like an Englishman, presiding at a dinner of the British Association for the Advancement of Science, gave a toast as follows: "De tree of science, may it shed down peace upon de nations."—From the Autobiography of Andrew Dickson White.

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teaches you many truths:

That soda crackers are the best of all food made from flour.

That Uneeda Biscuit are by far the best of all soda crackers.

That Uneeda Biscuit are always fresh, always crisp, always nutritious.

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Earn from \$80 to \$125 per Month

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Miscellany

Teacher's Wages For Thanksgiving Holiday.

EDITOR KANSAS FARMER:

"The pound of flesh, which I demand of him, is dearly bought; 'tis mine and I will have it."

I recommend all those who are getting heated over the discussion of the Thanksgiving vacation to read "The Merchant of Venice," by William Shakespeare. For it seems to me that it is the spirit to exact the "pound of flesh" which prompts these discussions.

Very good, Mr. Peterson, as you whet your knife and mutter, "'Tis not in the bond," weigh carefully Portia's words, beginning, "Therefore prepare thee to cut off the flesh, etc., etc."

Mr. Peterson quotes the school law, "A school month shall consist of four weeks of five days of six hours."

Very good. Now, Pretty Miss School-ma'am, you may sleep a half hour longer in the morning, reaching the schoolhouse on the stroke of 9. Be sure to leave promptly at 12 o'clock and return at 1 o'clock. Do not, under any circumstances, grade that number work or prepare that language lesson. Leave promptly at 4 o'clock. Do not stop to help little Johnny Peterson over that problem in fractions. You explained it during school hours, that's sufficient.

Do not lose your beauty sleep and burn midnight oil grading those examination papers. It is not "so nominated in the bond."

Why don't you improve your Saturdays mending your hose, instead of chasing through the cold—perhaps on a lumber-wagon—to teachers' meeting or training-class? Throw aside that dull work on pedagogy and read "The House of Mirth."

That is not all; it is not half the things outside the contract a teacher does as a matter of accommodation to her patrons. It amounts many, many times over to the two days you so niggardly withhold.

Laying aside all questions of law, would it not be a matter of decency on your part to offer her the two days as a courtesy in return for the many favors she does you?

GRACE S. HOWELL.

Lyon County.

Farm Notes.

N. J. SHEPHERD, ELDON, MO.

Are you ready for winter? Push all fattening stock. Shelter all stock at night now. When possible feed the roughness stored outside first.

If waste manure is spread as fast as made, there will be but little waste. One way to dodge competition is to produce a specially fine article.

As far as possible make everything you send to market attractive.

U.M.C. METALLIC CARTRIDGES



HAWKS OWLS CROWS

and other pests are never safe in the high tree if you shoot U. M. C. cartridges. Made to fit every make and model of rifle.

U. M. C. cartridges are guaranteed, also standard arms when U. M. C. cartridges are used as specified on labels.

THE UNION METALLIC CARTRIDGE COMPANY
BRIDGEPORT, CONN.
Agency: 313 Broadway, N. Y.

The amount consumed above the life-saving point brings the profit. Breeding swine should have a range not only sufficient for exercise, but to tempt them to vigorous exercise.

Outbreeding, if not too violent, tends to more healthy and vigorous individuals but with less fixity of type.

In the feeding of animals it should not be forgotten that the manure is to be valued as the feeding is poor or rich.

The man who places no value on the fertilizing value of food consumed and feeds only a maintenance ration, loses all.

In order to reduce the cost of farm fences to the minimum put up only such as are necessary for practical purposes.

A mound of earth built up hard and sharp around the base of young fruit-trees will protect them from mice.

A well-bred animal necessarily implies one having a good constitution, for without vigor ability for work is limited.

The real value of manure is equal to the manurial value of the food eaten minus what the animal has taken up for its nurture.

The farther the farmer is from market the greater is the need of condensing products by feeding grain and stover to animals.

As far as can be done the crops that bring the highest prices in proportion to cost of production should be grown.

Milch cows take more fertility out of the food than any other kind of stock, growing stock next, and working and fattening animals the least.

Animals bred in line for several generations carry with them not only an ability to do a certain thing but an instinct to use all their powers to do that thing well.

For continuous, successful farming, the manure crop is the most important that the farmer produces, and should have the most careful and prompt attention.

On a sandy soil clover is the best renovator when it is plowed under, because it furnishes the vegetable matter that sandy land is most likely to be deficient in.

Bran and cottonseed-meal are among the cheapest and best foods that can be bought. They not only increase the flow of milk and induce a rapid growth with young stock but add to the value of the manure.

With nearly all products it rarely pays to sacrifice quality for quantity; the better price secured for the better grade more than makes up the difference in quantity.

Taking good care of the tools and implements is one of the best modes of economy on the farm. The value of the tools annually depreciated from lack of cleaning, oiling, and exposure to the weather is enormous.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON.

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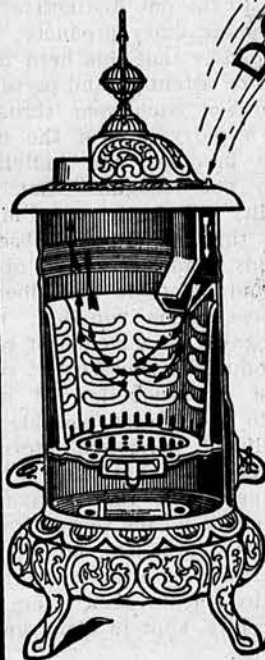
Fourth Quarter. Lesson XIII. Isaiah 1, 7, December 24, 1905.

The Character of the Messiah.
(Christmas Lesson)

In the spirited style of Hebrew poetry, the prophet throws himself beyond, (in point of time), the event which he is describing, and speaks of it as having already occurred. He takes the mantle of night to represent the moral state of the people. They were groping in a deathly shadow. Leaders were as blind as the led. All was rayless, cheerless, hopeless. Suddenly, to the anointed vision of Israel's noble seer, there bursts through the leaden pall such a light as is never seen on land or sea. He is ready to cry, "It is the Star, the Star of Bethlehem!" The great darkness is matched by a great light. It floods not the plains alone, but penetrates the deepest moral chasms of earth. How must Isaiah's heart have glowed at such a goodly sight. He was in a rapture. Hallelujah was on his lips.

He sees a goodly company, an ever-increasing throng, who walk in this

This is a sectional view of the Wilson Hot Blast Heater. It shows the patent method of taking the draft from the top, one of the secrets of the great superiority of the Wilson over all other heaters.



The Most Important Part

of a heater is the draft. The most perfect draft ever invented is the patent Hot Blast Down Draft of the Wilson Hot Blast Heater. This method of taking the draft secures perfect combustion, makes fire control easy and more than this—the wonderful Hot Blast Down Draft actually lessens the consumption of fuel as it burns into heat all the gases generated in the heater. In every way the

Wilson HOT BLAST Heater

is far superior to other heaters; a fire can be started in a Wilson Heater and be roaring in ten minutes, and it will hold fire for

thirty-six hours. The picture shows the Wilson Heater which burns soft coal. If you burn wood the Wilson Wood Heater will interest you.

If your dealer does not sell Wilson Hot Blast Heaters, write us; we will tell you where to get them, and send you a book on house heating free.

SIMMONS HARDWARE CO., St. Louis, Mo.

Wilson Ranges are the most wonderful bakers in the world.

new light. Kingdoms of earth, islands of sea are steadily merged into it: It spreads from the river to the end of the earth. And the joy of the throng keeps pace with its ever-augmenting proportions. It is joy like that when, after all the heat and toil, the harvest is shouted home; or like that after battle, when victors divide spoil.

And this deliverance from darkness—this lifting of the yoke of sin—is recognized by the prophet as supernatural and Divine. The earthly means of its accomplishment are as unequal as Gideon's lamps and pitchers against the grasshopper multitudes of Midianites and Amalekites.

The earthly, historic means of victory is always through the awful din and carnage of battle. But here is a weaponless victory in which the very instruments of human warfare, so far from being used, shall be burned up or beaten into the implements of husbandry.

And all this because the Babe is born in Bethlehem. Born to us—to humanity. The badge of universal spiritual sovereignty shall lie upon His shoulder. Kingdoms of earth, without of necessity losing their identity, shall become His kingdoms.

The Prophet-herald announces His regal titles. How dim the appellations of royalty grow in comparison to His lustrous names. Wonderful—the mystery of whose nature is the amazement of angels and men. Counselor—the unerring, unfailing Guide in truth and duty; not of the few, but of the race. The mighty God—the very Person of the Omnipotent Deity. The Father of eternity, and the peaceful and peace-producing Prince.

The spiritual dominion of this lovely and Divine sovereign, and its gracious concomitants of assurance to the individual and quietness to the multitude, shall unceasingly cover larger areas and include more people.

The pledge of this is the moral earnestness of the glorious Being, who stooped to the incarnation, the cross, the tomb. Jesus is in dead earnest to make His mediatorial work a triumphant success. And all the armies of the sky are obedient at His slightest beck.

The man whom you can flatter you can abuse at your leisure.—Billings.

Christmas Holiday Excursion Rates

via the Nickel Plate Road between Chicago and Buffalo. Dates of sale December 23, 24, 25, 30 and 31, 1905, and January 1, 1906, at a fare and a third for the round-trip, with return limit of January 3, 1906. Through train service to New York City, Boston and other Eastern points. No excess fare. Individual Club Meals served in Nickel Plate dining cars. Three through trains daily from La Salle and Van Buren street station, the only depot in Chicago on the elevated loop. No. 39.

A Living Monument.

If we were to assemble all those who have been cured of heart disease by Dr. Miles' Heart Cure, and who would to-day be in their graves had not Dr. Miles' been successful in perfecting this wonderful heart specific, they would populate a large city.

What a remarkable record—a breathing, thinking, moving monument, composed of human lives,—that for which every other earthly possession is sacrificed.

The Miles Medical Co. receive thousands of letters from these people like the following:

"I feel indebted to the Dr. Miles' Heart Cure for my life. I desire to call the attention of others suffering as I did to this remarkable remedy for the heart. For a long time I had suffered from shortness of breath after any little exertion, palpitation of the heart; and at times terrible pain in the region of the heart, so serious that I feared that I would some time drop dead upon the street. One day I read one of your circulars, and immediately went to my druggist and purchased two bottles of the Heart Cure, and took it according to directions, with the result that I am entirely cured. Since then I never miss an opportunity to recommend this remedy to my friends who have heart trouble; in fact I am a traveling advertisement, for I am widely known in this locality."

J. H. BOWMAN,
Manager of Lebanon Democrat,
Nashville, Tenn.

Dr. Miles' Heart Cure is sold by your druggist, who will guarantee that the first bottle will benefit. If it fails he will refund your money.

Miles Medical Co., Elkhart, Ind.

In the Dairy

Some Services a State Dairy and Food Commission May Render the Cause of Dairy Progress.

READ AT MISSOURI STATE DAIRY ASSOCIATION, JEFFERSON CITY, NOV. 15-17, 1905, BY J. Q. EMERY.

A little epic poem by Samuel Foss is suggestive of a few thoughts that I desire to express on this occasion. It is entitled:

The Calf-Path.

One day through the primeval wood
A calf walked home, as good calves should;

But made a trail all bent askew,
A crooked trail, as all calves do.

Since then two hundred years have fled,
And, I infer, the calf is dead;

But still he left behind his trail
And thereby hangs my moral tale.

The trail was taken up next day
By a lone dog that passed that way;

And then a wise bell-wether sheep
Pursued the trail o'er vale and steep.

And drew the flock behind him, too,
As good bell-wethers always do.

And from that day, o'er hill and glade,
Through those old woods a path was made,

And many men wound in and out,
And dodged and turned and bent about,

And uttered words of righteous wrath,
Because 'twas such a crooked path;

But still they followed—do not laugh—
The first migrations of that calf.

And through this winding wood-way
stalked
Because he wobbled when he walked.

This forest path became a lane,
That bent and turned and turned again;

This crooked lane became a road,
Where many a poor horse, with his load,

Toiled on beneath the burning sun,
And traveled some three miles in one.

And thus a century and a half
They trod the footsteps of that calf.

The years passed on in swiftness fleet
The road became a village street,

And this, before men were aware,
A city's crowded thoroughfare.

And soon the central street was this
Of a renowned metropolis.

And men two centuries and a half
Trod in the footsteps of that calf.

Each day a hundred thousand rout
Followed the zigzag calf about;

And o'er his crooked journey went
The traffic of a continent.

A hundred thousand men were led
By one calf near three centuries dead.

They followed still his crooked way,
And lost one hundred years a day;

For thus such reverence is lent
To well-established precedent.

A moral lesson this might teach,
Were I ordained and called to preach.

For men are prone to go it blind
Along the calf-paths of the mind.

And work away from sun to sun
To do what other men have done.

They follow in the beaten track,
And out and in, and forth and back,

And still their devious course pursue,
To keep the path that others do.

It is in evidence that dairymen are not out of the "maze of calf-paths" in their thinking and practice, who do not recognize that the foundation of large success in dairying is a herd of cows of distinctive dairy type, bred and developed through long periods of time to the one distinctive purpose of producing dairy products; who do not recognize that this herd must, by unremitting attention and perseverance be improved each year through the use of a dairy sire of the best obtainable breeding and individuality; who do not recognize that the individuality of each cow must be learned through diligent observation and study, and her needs of a balanced and palatable and liberal and wholesome ration supplied; who do not recognize as a means of realizing high profits, the necessity of reducing the cost of production of milk or cream to the lowest possible degree by intelligent, persistent efforts; who do not recognize that there is a great consuming public that demands and has abundant means to pay for clean, choice dairy products, obtained from milk delivered in clean cans, that was drawn by clean men from clean, healthy cows, kept in clean and sanitary barns.

"WABBLING TRAILS" IN DAIRY BARN.

Dairymen are following "wabbling trails," who do not recognize the necessity of laying the foundation of profit in dairying by conserving the fertility of the soil and by using modern methods of tillage, thereby producing the largest possible crops of the most suitable character to meet the needs of their dairy herd; and who fail to provide their herds with warm, comfortable, well-lighted and well-ventilated barns, furnished with modern stalls, by means of which cows may be kept clean and comfortable and by the use of which it is made possible to keep the milk clean from the outset, instead of relying upon the fruitless and hopeless notion that milk once made filthy by the droppings from the filthy cows can ever again be made clean by any known method; for, paraphrasing the old theological maxim, "Once in grace, always in grace," it may be said of milk that once filthy, it is always filthy.

Dairymen who will from year to year keep cows, feed them, milk them and deliver that milk regularly to the creamery or cheese-factory without knowing just what they are delivering in quantity and quality and demanding payment by the Babcock test, and refusing to be deprived of their just dues by accepting any "pooling by the hundred weight" or "pound for ten" folly; who will consent to the enormous loss of the feeding-value in their skimmed-milk by allowing the tanks and pipes at the creamery to become and remain filthy instead of being kept clean, and by not having the skimmed-milk pasteurized by use of the waste steam, and who will year in and year out haul their milk over the most wretched roads, are

"Followed in the beaten track,
And out and in, and forth and back,...

And still their devious course pursue,
To keep the path that others do."

IN THE CHEESE-FACTORY.

Manufacturers of cheese who will continue to use their noses instead of the Wisconsin curd test to determine taints in the milk offered for delivery; who will not provide modern means for the curing of cheese but will allow the abundant new knowledge and discoveries that have been brought to light to remain unused for the want of a progressive spirit and of progressive methods, indicate thereby that they still "Follow the zigzag calf about." There is evidence of "wabbling paths" in the thinking and practices of the manufacturers of creamery butter, when they will allow their

factories, tanks, pipes and implements to become filthy and thus injure the quality and correspondingly reduce the price of their butter, and who will neglect to use 20th century knowledge and inventions and methods to determine the quality of the milk or cream when delivered and to educate their patrons to the necessity of delivering milk of only the right quality.

The creamery and cheese-factory proprietors and their patrons who continue to allow butter and cheese to be made in factories other than those that are free from sanitary defects, and possessed of well constructed and readily-cleaned rooms, pure water, good drainage, clean utensils and surroundings, are surely following "A trail all bent askew."

A very valuable service a state dairy commission can render the cause of dairy progress is to lead dairymen out of the maze of calf-paths in their thinking and practice, and into straight, modern, scientific pathways.

GOOD DAIRY LAWS.

Another service that a state dairy commission may render the cause of dairy progress is to procure the enactment of good dairy laws. Among these may be mentioned laws fixing a minimum standard for milk and cream; prohibiting adulteration of dairy products in any manner; providing for cleanliness and good sanitation in barns where cows are kept for the production of milk that is to be sold or manufactured into human food; requiring cleanliness and good sanitary conditions in creameries and cheese-factories and their surroundings; requiring that to be merchantable, milk must be produced under clean and sanitary conditions, handled in clean cans and utensils and not allowed to become contaminated by remaining in barns where cattle or other animals are kept; requiring all milk-dealers who produce their supply in such a way as to call for the return of cans over railroad or boat lines, to empty those cans before the milk becomes sour, and thoroughly wash and cleanse them before return shipment; prohibiting any false manipulation of the Babcock test or any under-reading or over-reading of the same, or the making of any false determination by the Babcock test or otherwise in the payment of patrons of creameries, cheese-factories, etc.; requiring that the standard unit for testing cream by the Babcock test shall be 18 grams by weight, and prohibiting the measurement of cream by the pipette where payments are made on the percentage of fat in such cream; requiring records to be kept at creameries and cheese-factories that shall be open to inspection, and prescribing a legal form of statement to be made to patrons of creameries and cheese-factories in the payment of dividends; and giving the dairy commission authority to enforce such measures as may be necessary to secure cleanliness in and around any factory, building, dairy or premises where any dairy product is manufactured, handled or stored, when such product is to be sold or shipped.

TIDY DAIRY INSPECTORS.

Having succeeded in procuring the enactment of good dairy laws, the dairy commissioner can promote dairy progress by procuring a competent and sufficient corps of assistants and inspectors to enforce those laws. In the selection of his assistants and inspectors the cause of dairy progress can be served by the appointment of only the very best and

DE LAVAL CREAM CHURNS MOST BUTTER

To secure all the profits from your milk you must first save all the cream. That means using a **DE LAVAL CREAM SEPARATOR**. Secondly, you must produce cream which will churn out the most and best butter. This again requires the use of a **DE LAVAL** machine. **DE LAVAL** cream is smooth and even and contains no foreign matter to hinder the gathering of the butterfat particles in churning as in the case of gravity skimmed cream. If you are selling your cream, the smoother and more churnable it is the higher will be the price paid for it. If you are making and marketing your butter at home, the more you are able to churn from your cream the more you will have to sell. To bring about these results you must use a **DE LAVAL SEPARATOR**. Gravity skimming wastes a large part of the butter. Other separators prevent one-half this waste. A **DE LAVAL** machine will stop it all. Why it does so is best explained in our illustrated catalogue sent free upon request. Write for it today.

THE DE LAVAL SEPARATOR CO.
RANDOLPH & CANAL STS. CHICAGO
74 CORTLANDT ST. NEW YORK

most competent men available for doing this great work. These men must be experienced experts and should receive compensation commensurate with their skill and efficiency. As these men are to bear the gospel of cleanness to every creamery and cheese-factory in the State and to every patron of the creameries and cheese-factories and to other producers of dairy products, the men appointed to this service should be men who are themselves habitually neat, clean and tidy in their own personal habits and appearance; for what could be more out of place than an untidy inspector going to a creamery to secure cleanliness? To an untidy inspector, the shiftless cheese or butter-maker could retort, "physician, heal thyself." Only such men must receive appointment as have by eminently successful experience in creameries or cheese-factories demonstrated their efficiency, not only as the most skillful of makers, but also in what is equally important, as managers of men. They must be gentlemen. Their success in operating creameries or cheese-factories should have manifested itself in educating their patrons to furnish the creamery or cheese-factory with clean milk that has been properly cared for and delivered always in cans scrupulously clean; for only men of such character and efficiency can be relied upon to lead in the pathway of dairy progress. Above all, these men must be progressive men. They must have a progressive spirit. Their past experience must have demonstrated that they are such men. They must be up-to-date. They must be 20th century men and they must be capable of exer-

The Dairy Problem Solved, and Solved Rightly.

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



An Easy Running Empire Cream Separator

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

You want to know why? We want to tell you why. Write, and get our free books on dairying. Read these; then investigate the Empire. The result can only be one thing, a complete proof that our statements are true. Empire Cream Separator Co., Bloomfield, N. J. Temple Block, Kansas City, Mo.

Sharples TUBULAR CREAM SEPARATORS

21 POUNDS MORE BUTTER PER WEEK

Barnesville, Ohio, June 20, 1905: We were milking ten cows May 19. That day we took a Tubular separator for trial. We used it one week and got 86 pounds of butter that week. The week before we used it, we got only 65 pounds. The week after the agent took it away we got only 64 pounds. We felt we ought to have it. Later we arranged to buy it. We recommend the Tubular to anyone interested in cows. It surely will pay any one to buy a Tubular. (Signed) LONA and C. W. ACORN. Write for catalog Y-165. It explains fully.

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

THE CLEVELAND
Is the only Ball Bearing Separator. No other can run so easy. You can try it at your home without any expense or obligation to buy. Send for the new free catalogue.
THE CLEVELAND CREAM SEPARATOR CO.,
34 Michigan St., Cleveland, Ohio.

(one of the finest periodicals printed)
Both One Year for \$1.75
 Received at this office
Kansas Farmer Co., Topeka, Kans.

Time of Good Cheer
A Christmas Present
 —AND—
A Holiday Trip
 —FOR—
Every Dairyman

The Northern Kansas Poland-China Breeders' Association.

The recently organized association of Poland-China breeders of Northern Kansas will hold its first annual meeting during February. The program and place of meeting will be announced soon. Meanwhile, all interested in advancing the Poland-China interests and living within this territory should decide to become active members and attend the first meeting. Fifty cents to the secretary, L. D. Arnold, Enterprise, Kans., will make you a member for a year and entitle you to all the association's benefits.

Imported Percheron at \$900.

We call attention to advertisement of T. J. Miller, Kirksville, Mo., page 1288, who offers to sell a \$3,000 percheron stallion for \$900. The price he asks is less than was made at Watson, Woods Bros. & Kelly's sale on December 1. However, Mr. Miller makes his own importations and also makes his own sale, thereby cutting out all middlemen's profits and incurring small expense of advertising. Everything offered for sale absolutely guaranteed. Our representative, who visited the barns at Kirksville, Mo., firmly believes no better stallions are offered for sale than those to be found in Mr. Miller's barns and advises intending purchasers to inspect the same and save big money and get ten horses for \$900. Write Mr. Miller for further particulars and mention the Kansas Farmer.

A Splendid Hereford Sale.

The annual auction sale of American and imported Herefords, the Armour-Funkhouser offering, held in the Kansas City Stock Yards Sale pavilion, December 12 and 13, was a satisfactory and successful event. The offering was up to the usual standard of excellence and while there were no sensational prices, the average was good.

The top price of the sale was for the Funkhouser bull Columbus 60th, sold for \$1,105 to J. B. Miller, Prescott, Ia. The highest price realized for females was for the imported Brampton Sunbeam 25th which sold for \$500 to R. P. Simmons, Wellsville, Kans.

The result of the sale was 75 head sold for \$15,035, an average of \$200.46. Fourteen bulls averaged \$312.14 and 61 cows and heifers \$173.83.

The complete list of purchasers were as follows:

R. E. Edwards Kinsley, Kans.; Bol-sau & Sons, Larned; Steele Bros., Richmond; G. A. Baker, Ottawa; and Robert Simmons, Wellsville; J. B. Miller, Prescott, Ia.; John Trumbull, Speer, Ill.; Geo. J. Sayer, Chicago; C. F. Reynolds, Denver, Colo.

The Missouri buyers were C. A. Baker, Leeton, Mo.; John M. Taylor, Huntsville; Henry Flickey, Clark Fork; G. E. Reynolds, Kansas City; C. V. Hull, Platte City; Warren Landers, Savannah; Egger Hereford Cattle Co., Appleton City; Geo. D. Martin, DeKalb; C. P. McFarland, Fadius; M. Zimmerman, Kansas City, Mo.; Wm. Mavity, Belton; J. W. McDaniel, Brookfield.

Cutter's Dispersion Sale.

The dispersion Poland-China sale held at Junction City, December 12, was attended by a large crowd of buyers. The offering was an excellent one and in the pink of condition. Over sixty head were sold at an average of \$31.70. C. M. Garver, Abilene, bought Amy L 3d (87905), a Grand Chief sow, bred by F. M. Lall, Marshall, Mo., at \$102.50, the top price of the sale. Col. Lafe Burger of Wellington, held down the block in his usual successful manner. He was assisted by Cols. Brady, Manhattan; Burton, Abilene and Cookson, Wakefield. The following list comprises the purchasers and their addresses:

W. G. Stevens, Junction City; Geo.

Woodbury, Wakefield; W. J. Honeyman, Madison; Grant Gaines, Topeka; Howard Reed, Frankfort; C. M. Garver, Abilene; C. W. Strickland, Junction City; F. H. Coffey, Junction City; Lawrence Louverdt, Dwight; Carl Sykes, Broughton; C. McCorkle, Wakefield; C. S. Both, Kanapolis; R. Rohrer, Junction City; Bruce Gabby, Junction City; W. C. Bonnisfield, Beloit; A. M. Jordan, Alma; H. B. Walter, Wayne; A. J. Hinckley, Milo; W. D. Williams, Riley; M. M. Kern, Wakefield; J. W. Bacon, White City; T. F. Ryan, Junction City; Smidt Bros., Alma; C. M. Hudspeth, Ogden; Julia Morganfield, Manhattan; J. Harner, Junction City; C. W. Dingman, Clay Center; Albert Meyers, Junction City; Deltrich & Spaulding, Richmond; W. C. Curphey, Carlton; Leon Carter, Asherville; W. J. Maden, Junction City; J. H. Reden, Asherville.

Lyon County Poultry Show.

D. M. May, Secretary of the Lyons County Poultry Association, Emporia, Kans., reports that their thirteenth annual show, which closed on December 16, was a grand success from every standpoint. There were on exhibition 423 birds entered in the different classes which did not include birds brought in for sale and not entered for show. The birds shown were of better quality than at any previous show held by the association.

The attendance and receipts were satisfactory and all prizes were paid in full and money left in the treasury for another year. The poultry exhibitors feel greatly encouraged by the interest taken in the show by the business men of Emporia, and are already planning a much larger show for next year.

The judges were John Dudley and J. J. Atherton, who gave satisfaction and received much credit for the fairness and excellence of their work. The success of this show resulted in a considerable increase in the membership of the association and aroused more enthusiasm among poultry fanciers than ever before.

Kansas Agricultural College Dairy and Poultry Special.

This train started at Lenora, December 4, and ended at Effingham December 16. The third series of farmers' institutes handled jointly by the Agricultural College and the Missouri Pacific Railroad was one of the greatest successes ever known in similar work. The Kansas institute organizers had charge of the work, fixing dates and places, arranging programs and securing speakers and conducting the meetings. This method differs radically from the "train" method in that a whole day is spent at one town with both morning and afternoon sessions, five speakers. Besides, the railroad had its beautiful industrial car filled with fine specimens of fruits, vegetables, grain and cereals raised along the entire line of the Missouri Pacific system. This car was a decided attraction, having at some points nearly 2,000 visitors during the day.

At every point a permanent organization was effected in harmony with an act of the Legislature, whereby the commissioners of a county are required to pay over to a regularly organized county institute that meets certain requirements, \$50 annually. In many counties on this trip plans were made for several local institutes also. The local exhibits at the twelve institutes were very attractive, Beloit, Mankato, Jamestown and Clyde, especially realizing from \$75 to \$100 each for prizes. The exhibits included corn, wheat, fruit, potatoes, alfalfa, butter, and chickens, turkeys, and fine hogs.

One of the attractive features of the series, and very valuable, too, was the drill for boys in judging corn and poultry. These classes ranged from a half dozen to over thirty, and will result in great good.

The series began at Lenora December



RED POLLS

—AT—

Public Sale

At South Omaha Sa'e Pavilion on Friday, Jan. 5, 1906

Will be sold without reserve about 40 head of choice registered Red Polled cattle, also two very fine registered Clydesdale stallions. Send for catalogues to

S. A. CONVERSE, Cresco, Kansas

Auctioneers: Geo. P. Bellows, Maryville, Mo.; Geo. B. Buck, Sunny Hill, Ill.

F. C. Swiercinsky's

POLAND-CHINA SALE

January 3, 1905

35 Choice Animals

Sale at Freedom Stock Farm, Belleville, Kansas. The offering will consist of 6 choice tried sows, 6 selected fall yearlings, 16 early top spring gilts and 8 fine boars. Sows all bred to Republic County sweepstakes hog, Parks Tecumseh 32597. Spring and fall gilts bred to three other grand boars. Parties from a distance entertained. Send for catalogue early. Sale begins at 12:30 p. m. sharp. Bids may be sent to auctioneers or field men in care of Mr. Swiercinsky.

F. C. Swiercinsky, Belleville, Kansas.

4, and the subsequent stops in order were as follows: Kerwin, Gaylord, Beloit, Mankato, Jamestown, Clyde, Washington, Blue Rapids, Goffs, Whiting and Effingham, ending at the latter place on December 16 with an attendance of about 400. The smallest attendance was 165 at Goffs and the largest was 900 at Washington; with Clyde Beloit, and Mankato estimated respectively at 800, 600 and 550. The total attendance of farmers at the twelve meetings was estimated at about 5,200; making it undoubtedly the greatest two-weeks series of farmers' institutes ever held in the United States.

While the work was conducted by the Kansas Agricultural College, through its institute organizers, the greater part of the program was conducted by others. In addition to the institute director, the speakers on the trip included Pres. E. R. Nichols, Prof. Oscar Erf, and assistant C. W. Melick of the Agricultural College; S. R. Young, the agricultural agent of the Missouri Pacific road; Major Theo. Sternberg of Ellsworth; Hon. W. W. Marple of St. Joe, Mo.; and Mr. L. G. Humbarger of Abilene.

The most remarkable feature of the meetings was not the attendance but the evident interest the farmers in the methods of improving the agricultural conditions. The four subjects emphasized were "Alfalfa," "Corn-breding," "Dairying," and "Poultry for Profit on the farm."

G. M. Hebbard, Peck, Kans., has an unusually good trade in Poland-Chinas, his sales going to customers in Arkansas, Indian Territory and Louisiana, in addition to his numerous Kansas sales. He has choice, well-bred sows and gilts bred to D's Ideal Sunshine and Chief On & On, priced to sell. Write him and mention Kansas Farmer.

J. R. Roberts, Deer Creek O. T., has purchased from the noted breeder, F. M. Lall, Marshall, Mo., a great boar, a litter mate to the first-prize gilt under a year at the Illinois State Fair this year. This purchase, the Kansas Farmer representative believes to be the highest-priced boar heading any herd in Oklahoma. His breeding and individual excellence insures some sensational results for this herd in the

near future. See Mr. Roberts' ad in this issue

Rex Book the Veterinary Guide, is an exhaustive treatise, just off the press. It contains 160 pages and more than 150 illustrations, with attractive cover. It treats, from the experienced veterinarian's point of view, nearly every subject that could possibly be of interest to the owners of horses, cattle, hogs, sheep and poultry. Any reader of Kansas Farmer can secure a copy free by sending to The Rex Company, 300 So. 16th St., Omaha, Nebraska. The book weighs nearly a pound.

A through sleeping car line between Kansas City and Des Moines, Minneapolis and St. Paul via the Wabash and Minneapolis and St. Louis railways has been inaugurated, taking effect Sunday, December 10th. Train leaves Union depot Kansas City via Wabash 9 p. m., arriving at Des Moines 8 a. m., Minneapolis 6:50 p. m. and St. Paul 7:30 p. m. next day. Buffet service all the way. All railroads sell tickets via this popular line. If you are going in that direction ask your agent for tickets over the Wabash and Minneapolis and St. Louis railroads—and get the best.

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.**

THE WORLD'S FAIR PRIZE-WINNING CORN

Send at once for sample and catalog telling how to raise corn EVERY YEAR. A grand lot of Hiawatha and Reid's Yellow Dent, Boone Co. and Farmers' Int. White, the four leading kinds grown today.

JOHN D. ZILVER, Hiawatha, Kansas

HE RAISES CORN.

When writing mention Kansas Farmer.

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

ON WEDNESDAY AND THURSDAY, JANUARY 3 AND 4

we will sell

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

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

Consignors—Ed. Hodgson, El Paso, Ill., Percherons; D. Augustin, Carlock, Ill., Percherons; Hurt & Son, Arrowsmith, Ill., Percherons; Moots & Dodson, Normal, Ill., Percherons and Combination Horses; John C. Baker, Manhattan, Ill., Percherons; Hurt & Reid, Arrowsmith, Ill., Percherons and Shires; R. Stauger, Ellsworth, Ill., Percherons; M. C. Marry, Holder, Ill., Percherons; A. M. Storm & Son, New Lenox, Ill.; B. S. Harper, LaRose, Ill.; S. S. Kirkpatrick, New Richmond, Ind.; Geo. C. Beck, Attica, Ind.; Ed. Murray, El Paso, Ill.; F. M. Smith & Son, Crawfordville, Iowa; and 23 other consignors.

C. W. HURT, Manager, Arrowsmith, Illinois

ON FRIDAY, JANUARY 5, WILL SELL

40 Registered Trotters, Coach, All-Purpose, Grade, Draft, and Saddle Horses, Mares and Fillies.

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

Publishers' Paragraphs.

Any young man who is desirous of entering railroad work, should, by all means, investigate thoroughly the course of instruction offered by the Nation Railway Training Association, 620 Paxton Block, Omaha, Neb. This institution offers a complete course which teaches all about the standard rules and signals; block and interlocking signals; air brakes and firing locomotives, and in fact everything it is necessary to know to get into the railway service, and the tuition charges are very reasonable indeed. The president of the association is well acquainted with all the railway managers of the United States and is in a position to place his graduates in good paying positions. If you wish to know more about this course of training, cut out the coupon appearing in this issue on another page and mail it to the above address and mention this paper.

Can You Answer These Questions?



- 1—What is the Corn-Root Louse, and how does he subsist during winter months?
- 2—What is Corn Smut and how eradicated?
- 3—How can we prevent soil-washing?
- 4—How can we assure the greatest absorption of rain-fall?
- 5—What are the advantages of fall plowing?
- 6—Why do heavy, wet soils, rich in plant food, fail to always produce abundant crops?
- 7—What do you mean by soil ventilation?
- 8—How do you increase air in your soils?
- 9—How can you govern the temperature of the soil?
- 10—What machine is most necessary in preparing a proper seed-bed?
- 11—What machine brings the corn grower the greatest return for money invested and for time used?
- 12—What is the best depth to plow for corn?
- 13—What is the best time to plant corn?
- 14—What is the proper depth at which corn should be planted?
- 15—What is the proper distance between hills or rows?
- 16—What is the proper depth to cultivate?
- 17—What is the effect of root-pruning?
- 18—What have the corn breeders of this country accomplished?
- 19—How can you eliminate barren stalks from your corn fields?
- 20—What is the best method of testing Seed Corn?
- 21—What is the proper scale for judging corn?

These and many more questions are intelligently answered in the book *How to Grow Corn*, compiled from the records of the Agricultural Colleges in the great corn belt, the Government reports, and other practical information taken from the experience of the best corn growers in the country. Price 50 cents.

A limited number of these books will be given FREE for the names and addresses of three or more men who are thinking of buying wheel plows this season.

Write at once to B. B. Emerson, care Emerson Manufacturing Co., Rockford, Ill., and mention this paper.

Blocks of Two.

Our previous offer of two new subscriptions for \$1.00 is still open and is also extended to those of our old subscribers who renew promptly and send us \$1.00, which will extend their own subscription one year and also pay for one new subscriber one year. This is a remarkable offer. Be wise to-day. Make a Christmas present that will show your good will every week of the new year, by sending the Kansas Farmer to some friend. Do it now.

Wire Fencing and Fence Supplies.

An illustrated booklet that tells all about fences sent free to those interested. Every farmer should have a copy of the above booklet. It deals with the fence problems, describes clearly, fully and honestly the various kinds of fences, and gives the exact facts about them and the manner of their construction.

There are all kinds of cheap and

poorly constructed fences offered for sale, and the prospective purchaser should investigate the matter thoroughly before purchasing. Care should also be taken that the fence bought is so made that it will not sag and that it will be self-regulating under any change in temperature.

There are many other facts about fences described in this booklet, which makes the reading of it well worth while. Write at once to the publishers, the Mason Fence Co., of Leesburg, O., for a free copy, read it carefully and you will be well repaid.

Andersch Bros. of Minneapolis are one of the oldest and now easily one of the largest concerns in the world dealing furs and hides. Many of our readers have little idea of the magnitude of this firm's business. As they buy direct from trappers and other original producers and sell only to actual manufacturers, they are in a position to pay the highest market prices at all times. When you can do business direct with a firm like Andersch Bros. instead of selling any hides or skins you have to small local dealers for little or nothing, write to Andersch Bros. They have a valuable book called "The Hunters' and Trappers' Guide," which tells all about furs and hides, how to handle and prepare them for market. This book costs several thousand dollars to prepare. It sums up the practical knowledge and experiences of the past two hundred years or more of the American Fur Traders. They will send a copy of this costly book to any reader of this paper who is likely to deal with them for \$1. Write today for a copy. Address Andersch Bros., Dept. 00, Minneapolis, Minn.

The most odious compound I know of is wealth and snobbery; it is rather wuss than pride and poverty.—Billings.

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.

LEGAL.

Publication Notice.

Frank A. L. Heustis, will take notice that he has been sued in the District Court, Shawnee County, State of Kansas, in an action in which Minnie D. Heustis is plaintiff and Frank A. L. Heustis is defendant; that the plaintiff's petition now on file in said court alleges gross neglect of duty on the part of the plaintiff toward the defendant, and asks that the plaintiff be granted a divorce from the defendant; that unless the said Frank A. L. Heustis shall answer the petition of the plaintiff on or before the 30th day of January, 1906, said petition will be taken as true and judgment be rendered in accordance with the prayer of said petition, and the plaintiff be granted a divorce from the defendant, also the care, control and custody of the child born to the plaintiff and defendant, and all of the property now owned by the plaintiff, together with costs of this action.

P. H. FORBES,
Attorney for the Plaintiff.

Attest:
I. S. CURTIS,
Clerk of the District Court.

Special Want Column

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

HORSES AND MULES.

FOR SALE—Registered French draft and Percheron stallions, mares and colts; bays, browns and blacks. One gray stallion, 13 years old, sound and sure. Jake Howard, Hoyt, Kans.

FOR SALE—Mount Oread 33380—black stallion of gr. beauty, style and fine disposition, 15½ hands. By Appamantus, out of Frankie Lyons by Mambrino Patchen; second sire Allendort, out of Alma Mater by Mambrino Patchen, third sire Onward, out of Dolly by Mambrino Chief; fourth sire George W. like Dam of Mount Oread, Cosino by Patchen Wilkes. Price, \$600. Also growthy 2-year-old son, standard, dark bay, for \$200. George W. Maffet, Lawrence, Kans.

CROSS-BRED Percheron and Shire stud, coming 3 years old. Three imported crosses; color, size and individuality extraordinary. R. H. Mullins, Boling, Kans.

LOST OR STRAYED—Brown mare, weight 1100 pounds, white spot in forehead, barb wire cut on side, somewhat away backed. Suitable reward for return. J. W. Gillard, 834 Highland ave., Topeka.

CATTLE.

FOR SALE—Fine young D. S. Polled Durham bulls, get of Duke of Rose Pomona III X 1479 and S. H. 166626 out of Canadian Duchess of Gloster 29th. C. M. Albright, Route 2, Overbrook, Kans.

PEDIGREED SHORTHORN BULL—3 years old; sire Magenta, who cost \$1,100 at 8 months. Cheap. S. J. Renz, Leavenworth, Kans.

RED POLLED BULLS—Nice ones 6 to 18 months old. Write H. L. Pellet, Eudora, Kans.

FOR SALE—25 Duroc-Jersey boars, large enough for service and 60 gilts, open or bred. Pigs strong boned and best of color. Prices low. A. G. Dorr, Route 5, Osage City, Kans.

HOLSTEINS—Have been bred to transform their feed into milk instead of tallow. That is the kind to dairy with. It won't cost much to grade up if you buy a bull calf. I have also one yearling bull, extra good. H. B. Cowles, Topeka, Kans.

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

FOR SALE—Registered Aberdeen-Angus cattle, 5 bulls and 2 cows, well bred and good individuals. Will sell very cheap, as I have to dispose of them within a limited time. C. E. Bouse, Route 5, Holton, Kans.

FOR SALE—One full blooded Holstein-Friesian bull with pedigree. A good breeder. Price, \$50. Address J. W. Mitchell, Box 12, Route 2, Morrill, Kans.

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

FOR SALE—The pure Cruickshank bull, Violet Prince No. 14547. Has been at the head of our herd as long as we can use him. An extra animal. H. W. McAfee, Topeka, Kans. (2 miles west of Kansas Ave. on 6th Street road.)

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

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

REGISTERED GUERNSEY BULLS—Ready for service. Also pure-bred Scotch Collie puppies. Dr. J. W. Perkins 423 Altman Bld., Kansas City, Mo.

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

SWINE.

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

BOARS FOR SALE—9 Poland-Chinas of March farrow. Select pigs reserved for sale which was postponed. Address W. L. Reid, Route 4, North Topeka, Kans. Phone 433 via Meriden.

FOR SALE—20 good, strong spring and yearling Berkshire boars that are just what the farmers want. Prices right. Address E. W. Melville, Eudora, Kans.

BERKSHIRES—For sale, 2 extra good March gilts, bred; 2 June boars. July boars and gilts; extra fine September pigs. These hogs are sired by Herbyton Duke Jr. and Kansas Longfellow, both sired by a litter brother to the \$1,000 Masterpiece 70000. Address A. D. Willems, Iman, Kans.

ONLY FIVE of the fancy Poland-Chinas advertised last week by W. L. Reid, Route 4, North Topeka, Kans., left. See them soon if you want one.

FOR SALE—Some fine, broad-backed Poland-Chinas gilts and a few boars left. Want some, write me. J. W. Keck, Route 23, Auburn, Kans.

DUROC BOARS—Oom Paul (23 times sweepstakes) strain. Spring boars \$10; yearling boars \$20. S. J. Renz, Leavenworth, Kans.

FOR SALE—25 Duroc boars large enough for service and 60 gilts, open or bred; strong bone and best of color. Price low. A. G. Dorr, Osage City, Kans.

POULTRY.

BUFF ROCKS—A few good cockerels for sale at \$1 each. H. M. Stephens, Munden, Kans.

THOROUGHbred B. P. Rocks, S. C. Black Minorcas and S. S. Hamburg cockerels for sale at \$1.50 each. Mrs. J. A. Marshall, Gardner, Kans.

BARRED ROCK—2 pens, vigorous, clearly barred; also Poland-Chinas. Chas. Parsons, Clearwater, Kans.

BUFF COCHIN BANTAMS—\$2.50 per pair. An appropriate Christmas or birthday present that will delight the children. James C. Jones, Leavenworth, Kans.

FOR SALE—150 B. P. R. and W. P. R. cockerels and pullets; strong, vigorous, cockerels, \$2 to \$5; pullets, \$1 to \$2.50. Exhibition cockerels matter of correspondence. Mr. and Mrs. Chris Bearman, Ottawa, Kans.

BUFF COCHIN BANTAMS—\$2.50 per pair. An appropriate Christmas or birthday present, that will delight the children. James C. Jones, Leavenworth, Kans.

FOR SALE.

15 varieties pure-bred chickens, ducks, geese and turkeys. Fowls and eggs at low prices. Write for catalogue. H. H. HINKER, Mankato, Minn., R. R. 4.

Farmer's Account Book and Ledger

Saves time and labor—a few minutes each day will keep it; systematizes farm accounts in every department; shows in the simplest manner how to increase profits and decrease losses; endorsed by farmers everywhere. We stand ready to refund the purchase price on every book not found satisfactory. We deliver this book postpaid, including the Kansas Farmer one year, both for only \$2.50. Address,

KANSAS FARMER CO.,
Topeka, Kans.

FARMS AND RANCHES.

KANSAS LANDS.—I have a choice lot of well-improved farms in Marion County, varying from \$20 to \$60 per acre. Also large list of Western Kansas lands. For full particulars, address, A. S. Quisenberry, Marion, Kans.

FOR SALE—\$20 acre well improved farm 4 miles from Emporia. Price, \$25 per acre. Write Hurley & Jennings, Emporia, Kans.

GOOD BARGAINS—80 acres, small improvements, \$1,300; 160 acres, 80 acres cultivated, improved, \$2,200; 160 acres, all bottom, fine land, \$2,800; 480 acres, nice smooth land, \$17 per acre; 640 acres, fine wheat section, \$18 per acre. All sizes and kinds. Write to Minneapolis, Florence, or Salina, Kansas, for list. Garrison & Studebaker.

A 320 ACRE FARM within two miles of good town. Good new house, barn and stables, all bottom land, the best of alfalfa land, two arctian wells, one at house and one at barn; good orchard, good for any kind of crop; a good fish pond near the house with plenty of fish. J. Bainum, Arlington, Kans.

FOR SALE.—A good farm of 320 acres in Anderson County, Kansas, main line Missouri Pacific railway, R. F. D., near to school and church, American community, good improvements; \$22.00 per acre. A bargain. Address O. J. Prentice, 156 W. 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 968, Wichita, Kans.

FOR SALE.—The best 320 acre farm in Butler Co., 3½ miles to Potwin, Kans., on R. F. D. and telephone. Bottom and second bottom; 165 acres in cultivation, 100 acres in pasture, about 5 acres stone, 50 acres lots and timber, running water, 20 acres alfalfa, good well and mill, new 12-room house, 2 cellars and cisterns, new barn for 10 horses, with loft two-story, hog house 20 by 40, double crib 30 by 36, hen house, sheds, etc. Extra good orchard, land and buildings in first-class shape. All fenced with hedge and wire. A model home and cheap at \$40 per acre. Also other lands for sale. M. H. Johnson, The Farm Land Agent, Potwin, Kans.

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

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

KANSAS LAND FOR SALE.

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

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

MISCELLANEOUS.

EARN FROM \$37.50 to as high as \$155.70 per month. Wanted—400 young men and sound men of good habits to become brakemen and firemen. Big demand in Wyoming, Nebraska, Kansas, Colorado and Missouri. Instructions sent by mail; stamp for reply. Northern Railway Correspondence School, Room 202 Sykes Block, Minneapolis, Minn.

TWO MEN WANTED—To work on farm. One married. Man with grown son preferred. Steady work, good wages. House furnished. Give references. H. L. Pellet, Eudora, Kans.

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

WRITE TO-DAY to Box 453, Seneca, Kansas, for particulars as to lay-out to a good blacksmith.

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

AGENTS WANTED Sell \$1 bottle Sarsaparilla for 50c; best seller; 200 cent profit. Write today for terms. F. R. Greene, 115 Lake St., Chicago

THINK OF IT! An Enlarged Portrait, Write for terms. Life is short! Do it now! NATIONAL PORTRAIT CO., Chicago, Ill.

TAPE-WORM Expelled alive in 60 minutes with head, or no fee. No fasting. Large pamphlet for 20 stamp. DR. M. NET SMITH, Specialist, 309 Pine St., St. Louis, Mo.

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

SAVE YOUR TEETH.

with Bertrams Ez Tooth Filler. Stops tooth ache instantly. It is a liquid as soon as it touches the saliva of the mouth. It hardens, forms a filling that will last (6) six months, thus by renewing the filling, you can save enormous dentist bills; preserves your teeth from further decay. Mailed to any address on receipt of price 25 cents. Bertram Drug Company, 2182 Elston Avenue, Chicago, Ill.

SEEDS AND PLANTS.

50,000 TREES AT HALF PRICE—First-class apple, plum, cherry. Plants, shrubs at wholesale. Peach tree, \$10 per thousand. Catalog free. Seneca Nursery, Seneca, Kans.

Pure English Blue Grass Seed.

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

Stray List

Week Ending December 14, 1905.

Wabunsee County—Simeon C. Smith, Clerk. 80W—Taken up by J. W. Sage in Mission Creek tp., November 23, 1905, one black sow, weight about 150 pounds, height 1 foot 6 inches, has white spots on each side, sits in each ear.

Pottawatomie County—C. A. Grutzmacher, Clerk. STEER—Taken up by E. P. Tibbitts in Rock Creek tp. (P. O. Westmoreland), Nov. 2, 1905, one red steer, right ear split; valued at \$20.

Week ending December 21, 1905.

Allen County—J. W. Kelso, Clerk. HEIFER—Taken up by R. S. Martin, in Carlyle tp., one red heifer, 17 months old, white star and tip of tail white; valued at \$8.

Greenwood County—W. H. Bonnett, Clerk. STEER—Taken up by Alex. Cummins in Fall River tp., 3 miles north of Climax, one 2-year-old dark red steer; valued at \$25.

POULTRY BREEDERS' DIRECTORY

M. B. TURKEYS FOR SALE—Choice young stock from 96 point tom, 92½ to 96 point hens. Mrs. A. E. Harness, Speed, Mo.

FULL-BLOOD R. C. Brown Leghorn cockerels, \$1 each if taken soon. Address J. E. Wright, Wilmore, Kans.

WHITE HOLLAND TURKEYS for sale at \$7 per trio from flock that score 95 to 97½ points, tom 16 to 20 pounds, hens 10 to 14 pounds. Mrs. Geo. E. Peck, Box 21, Great Bend, Kans.

NICE BLACK LANGSHANS—For sale cockerels, hens and pullets; \$1 each. Mrs. Geo. W. King, Solomon, Kans.

S. C. B. LEGHORNS exclusively; 20 fine cockerels and 400 for sale, cheap. Address, J. A. Kauffman, Abilene, 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.

FOR SALE—A choice lot of B. P. Rock cockerels, King Bradley and other strains. \$2 each, price of two or more. Write your wants to Mrs. Ada L. Almsworth, Eureka, Kans.

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

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

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

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

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

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

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

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

MAMMOTH WHITE HOLLAND TURKEYS and White Wyandotte chickens. Henry Harrington, Clearwater, Sedgwick Co., Kans.

STANDARD BRED SINGLE COMB BUFF LEGHORNS—Headed by first prize pen Chicago Show 1903 and took six first prizes and first pen at Newton 1904. Eggs, \$2 for 15. S. Perkins, 501 East First Street, Newton, Kans.

S. C. W. Leghorns and Buff Rocks. Winners at State Fairs. Eggs, \$1 per sitting. J. W. Cook, Route 3, Hutchinson, Kans.

TO GIVE AWAY—50 Buff Orpingtons and 50 Buff Leghorns to Shawnee county farmers. Will buy the chicks and eggs. Write me. W. H. Maxwell, 924 Topeka Ave., Topeka, Kans.

BARRED AND WHITE PLYMOUTH ROCK Eggs, \$2 per 15; \$5 per 45. Hawkins and Bradley strains, scoring 92½ to 94½. Mr. & Mrs. Chris Bearman Ottawa, Kans.

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

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

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

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

SAVE YOUR CHICKS.

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

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

Johnson's Laying Strain

R. C. BROWN LEGHORNS

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

H. M. JOHNSON,
Formosa, Kans.

YOUNG STOCK.

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

W. L. BATES, Topeka, Kansas.

White Plymouth Rocks EXCLUSIVELY.

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 289 eggs each in one year. I have bred them exclusively for twelve years and have them scoring 94 to 96½, and as good as can be found anywhere. Eggs only \$2 per 15; \$5 per 45, and I prepay expressage to any express office in the United States. Yards at residence, adjoining Washburn College. Address
THOMAS OWEN, Sta. B, Topeka, Kansas

SCOTCH COLLIES.

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

The Poultry Yard

CONDUCTED BY THOMAS OWEN.

The State Poultry Show.

The premium lists for the State Poultry show are now ready for distribution and can be had by addressing the secretary, Thos. Owen, Station B, Topeka, Kan. This show will be held in Topeka's great auditorium, Jan. 8, 13, 1906, and will be the greatest poultry exhibit west of New York. The appropriation of one thousand dollars annually by the State, has helped the show wonderfully and increased the interest in fancy poultry. The management are now enabled to offer some very alluring premiums. On breeding-pens \$10 is offered for first, \$5 for second and \$2 for third. On single specimens \$2 is offered for best cock, hen, cockerel and pullet, \$1 for second and 50 cents for third prize. In addition to the regular premiums, some very valuable special premiums are offered, notably a prize of \$25 in gold to the county sending the largest number of birds scoring over 90 points; \$15 is offered for the second largest number and \$10 for the third. Shawnee County is barred from this competition for it was evident to the managers that if Shawnee were allowed to compete, no other county would have a show for winning any of the prizes. The expressage on fancy poultry is very high and birds sent from any distance cost quite a sum of money for expressage alone. Shawnee County birds would not have any expressage to pay, hence could bring in a large number of birds at small expense compared to counties outside and therefore have an advantage over the latter, hence the barring of Shawnee County from competition.

There are prizes offered for best display of incubators and brooders, for best display of dressed poultry and other exhibits. It will pay any poultryman to attend the show just for the educational features connected with it, for what he can learn there of the great poultry industry; and any fancier having extra good fancy poultry should by all means send them to the show to compete for the splendid premiums offered.

Poultry Notes.

N. J. SHEPHERD, ELDON, MO.

Rather the best mode of feeding oats is to put them in a box, tub, or vessel and pour scalding water over them, allowing them to remain over night, and feeding warm in the morning.

It is the frequent change in food that induces the fowls to have good appetites and keep in a good condition, a very essential item when eggs are expected during the winter.

When fowls are compelled to get their drink from stagnant pools or other sources contaminated by barnyard leachings or otherwise, it is quite certain not only to affect them unfavorably but to produce serious disease.

It is claimed that when it is desired to have a majority of the brood pullets, it is best to breed from old birds and have them as near the same age as possible. Young cockerels, mated with pullets, generally produce a greater proportion of males.

If you want the fowl to be tender and juicy, let it be fattened quickly. It should be well and fed during the months previous to going into the fattening coops; then two weeks of liberal feeding will make the meat heavy and just right for the popular taste.

To obtain the very best results in feeding and raising fowls, not only good roosters should be kept but they should be cooped and mated with not to exceed ten hens and the eggs from these hens should be kept expressly for hatching. With the eggs for table use as for market, the rooster is needed to run with the hens.

There is a grate deal of bogus hu-



The Busy Hen that Fills the Basket

Are your hens workers? Do they have full, red combs, and do they hustle? If they are active foragers and lay eggs, give them Dr. Hess Poultry Pan-a-ce-a and they will lay more. If they do not lay at all, give them Dr. Hess Poultry Pan-a-ce-a and they soon will. Dr. Hess Poultry Pan-a-ce-a makes hens lay by increasing the digestion, enabling the organs to extract the largest possible amount of egg-making material from the food. In addition to the wonderful powers of egg production,

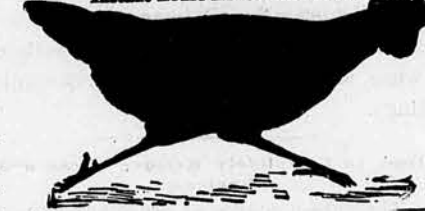
DR. HESS Poultry PAN-A-CE-A

the prescription of Dr. Hess (M. D., D. V. S.), cures and prevents cholera, roup, simple catarrh, and many other diseases due to indigestion and specific germs or poisons. This germicidal principle is peculiar to Dr. Hess Poultry Pan-a-ce-a. In fact, Dr. Hess Poultry Pan-a-ce-a possesses medicinal principles found in no other preparation. It has the endorsement 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.

1½ lbs. 25c, mail or express 40c.
5 lbs. 60c.
12 lbs. \$1.25.
25 lbs. \$2.50.

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

DR. HESS & CLARK,
Ashland, Ohio.
Instant Loose Killer Kills Lice.



BIG PROFITS in Farm Poultry

If you raise it right. Mark the "H" and let us start you right with a new 1906-Pattern Standard Cyphers Incubator "the sensation of the poultry world," guaranteed to hatch more and healthier chicks with less oil than any other year money bank. We mean it. 90 days trial. Complete Catalogue and Poultry Guide, 228 pages, (2x11) Free if you mention this paper and give addresses of two near by poultry raisers. Write nearest office.

CYPHERS INCUBATOR CO., Buffalo, Boston, Chicago, New York, Kansas City or San Francisco.

Cyphers Incubators at Topeka

We can save you freight and time by ordering your Poultry Supplies of us. We carry a large stock of the latest pattern Cyphers Incubators. Brooders, Feeds, etc., at factory prices. We are also headquarters for Bee Keepers Supplies. Send for our catalogue with discount sheet. Address

Topeka Supply House
7th and Quincy, Topeka, Kansas

Our Money-Back Guarantee

Every incubator we sell absolutely money-back guaranteed to do all we claim. The 1906 Reliable is the only incubator with double heating system. Free catalogue tells all about it. Pure-bred Poultry and Eggs for hatching. Ask for prices.

Reliable Incubator & Brooder Co., Box B-62 Quincy, Ill., U.S.A.

\$12.80 For 200 Egg INCUBATOR

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

HIGH-PRICED EGGS

Every one would like them to sell, and can just as well have them. Security Poultry Food will make hens lay. WE GUARANTEE IT. Ask our dealer in your town. He will back our guarantee.

Security Stock Food Co. Minneapolis, Minn.

\$7.00 Buys the Best 120-EGG Incubator

freight prepaid, ever made. Double cases all over; best copper tank; hot water; self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today.
Belle City Incubator Co., Box 14, Racine, Wis.

military floating around; the most humble kritter yu ever saw iz a hornet who has lost hiz stinger.—Billings.

ON THE FARM

Nothing you can buy will pay for itself quicker and be a source of satisfaction longer than a

1906 SURE HATCH INCUBATOR

America's finest, most used and most successful chick hatcher.

DOES THE WORK better than the old hen. Bound to hatch everywhere and at all times, Winter or Summer—North, South, East or West. 80,000 sold in 8 years. Over 20,000 sold last season. Made of finest materials; best workmanship. Good enough for a lifetime. Fully guaranteed. Costs you nothing if, in your hands it can't pay for itself with one hatch.

Prices \$7.50 up, freight prepaid to your station. Send postal today for big free catalogue and poultry manual.

SURE HATCH INCUBATOR CO.
Box 425, Clay Center, Neb. Dept. 8, Indianapolis, Ind.

This 230 Egg Incubator

\$12.75

We Pay the Freight
East of the Rockies.

Here's an offer never before equalled. The famous

Royal Incubator

sold on trial, freight prepaid. Guaranteed in every way. Automatic control of heat and ventilation. Perfect hatches assured. Doubles your poultry profits. Don't pay more for smaller and poorer incubators. Get the best at freight-paid bargain prices. Investigate before you buy. Fine catalogue of incubators, brooders, poultry and all supplies. Free. Booklet, "Proper Care and Feeding of Chicks," 10c. 50c poultry paper one yr., 10c.
Royal Incubator Co., Drawer 68, Des Moines, Ia.

Good Hatches Promised

It's a pleasure to hatch lots of chicks in a HATCH-ALL INCUBATOR. Pure air, even heat, little care, simple directions make it easy for beginners or a 1 experienced to make money on poultry. Write for free catalog to
HEBRON INCUBATOR CO., Box 18, Hebron, Neb.

PROFITABLE POULTRY

In a 64-page book telling how to make big money raising poultry; how to breed, hatch, and rear the best paying varieties. Fully describes and illustrates Berry's "Biddy" incubator and pure-bred poultry with prices. Free. Berry's Golden Rule Poultry Farm, Box 68, Clarinda, Ia.

SHOEMAKER'S POULTRY

BOOK on
and Almanac for 1906 contains 224 pages, with many fine colored plates of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about incubators and how to operate them. All about poultry houses and how to build them. It's really an encyclopedia of chickendom. You need it. Price only 15c.
C. C. SHOEMAKER, Box 492, FREEPORT, ILL.

Successful Incubators

Tried, proven under all conditions. They'll hatch the most and strongest chicks for you. Take no chances. Get Successful Incubators and Brooders and make failure impossible. Incubator and Poultry Catalog Free. Booklet, "Proper Care and Feeding Small Chicks," 10c. 50c poultry paper one year, 10c.
Des Moines Incubator Co., Dep. 83, Des Moines, Ia.

DUFF'S POULTRY

Barred Plymouth Rocks, White Plymouth Rocks, Buff Rocks, Light Brahmas, Black Langshans, Silver Wyandottes, White Wyandottes, Silver Spangled Hamburgs, Brown Leghorns.
First-class Standard Stock of Superior Quality. Stock For Sale. Eggs in Season. Write Your Wants. Circular Free.
A. H. DUFF, Larned, Kans.

FOR SALE

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

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 30 yearling hens, (cockerel bred) cheap to make room. Let me make a trio or a pen for you that will give satisfactory results. Satisfaction guaranteed or money refunded.
A. H. MILLER, Bern, Kans.

DUROC-JERSEYS.

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

Write us for description on Jan. 1st and August pigs. Prices \$8 to \$10 each. Eight choice herd sows, \$100. Prices right if taken at once.

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151—STALLIONS—151
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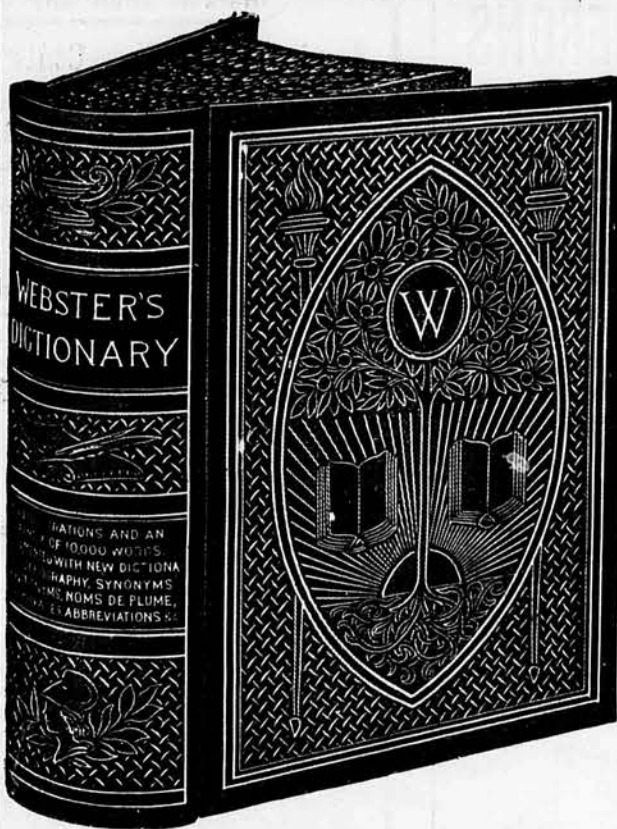
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