

KANSAS FARMER

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Established 1863. \$1 a Year

KANSAS FARMER.

Established in 1863.

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E. B. COWGILL.....President
J. B. MOAFFE.....Vice President
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The generous rains of the last week are reported to have extended well over Kansas. Nothing more favorable could have happened to the great area of wheat just sown in this State.

BLOCKS OF TWO.

The regular subscription price for the KANSAS FARMER is one dollar a year. That it is worth the money is attested by the fact that thousands have for many years been paying the price and found it profitable. But the publishers have determined to make it possible to secure the paper at half price. While the subscription price

will remain at one dollar a year, every old subscriber is authorized to send his own renewal for one year and one new subscription for one year with one dollar to pay for both. In like manner two new subscribers will be entered, both for one year, for one dollar. Address, Kansas Farmer Company, Topeka, Kans.

trusts have failed and the reader is left to infer that the trusts are soon to be resolved into the individual concerns by the consolidation of which the trusts were formed. It is a noteworthy fact that while the failure of the steel trust is heralded in one quarter, reasons similar to those which were potent in the formation of the

tion, whereas under combined management one distributing establishment would do in any one city or town at a saving in expenses which could be made to result in a considerable reduction in the price of beef and other products to the public." It is not claimed that the public will be allowed this benefit or that any part of it will be allowed to go to the producers of live stock, but mention of the possibility gives a certain attractive rotundity to the argument.

Why it is proposed to unite the five great packers into two combinations instead of one is not stated, but it is suggested that Armour, Swift, and Morris are conducting their business with a view to ultimate consolidation and that Cudahy and Sulzberger will be included in another combination.

It is, therefore, evident that the appearance of a rocky road before the steel trust is not frightening others who propose to combine. Possibly the packing trust will avoid the methods which have appeared to bring disaster to the steel trust.

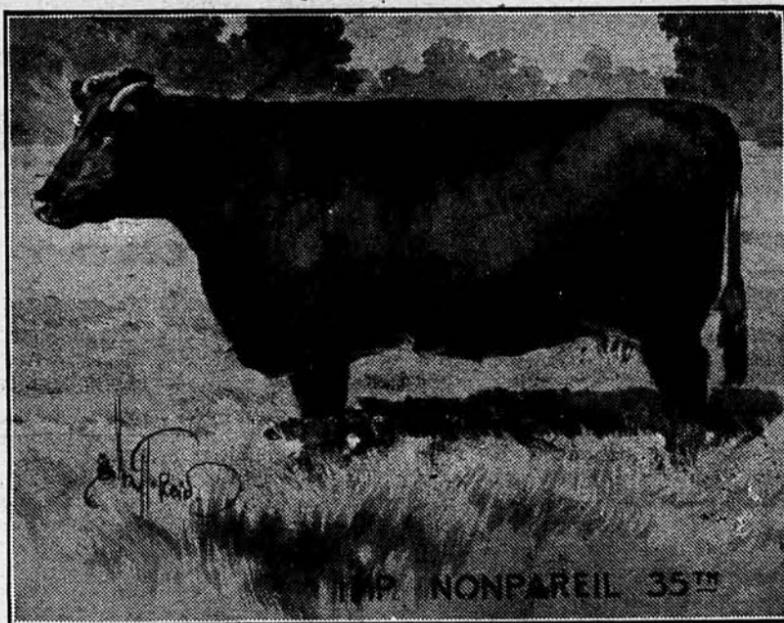
Doubtless the relentless over-issue of steel securities has had much to do with present complications. It was shown that the steel trust would be able both to reduce cost of production and to advance prices of the product, and that the sum of the reduction and the advance would be added to the profits. This advantage was immediately capitalized for more than it was worth. Such capitalization need not to have been fatal. But it was stipulated that certain large blocks of the capital stock should go to the promoters and that no other stocks should be allowed to go upon the market until these promoters should have sold theirs. When finally the other stocks did go upon the market, of course the market broke, but the promoters had received their money.

But, for all this sharp practice, the original steel works are still in existence. They belong to somebody. They are still combined and are as likely to stay combined as was the Santa Fe system of railroads when its stock went down from over 150 to less than 4.

The economic argument for combination is nearly as strong in the case of the great industrial concerns as in the case of railroads. The fact that avarice so influences men that they fail to obey the Golden Rule is the one impediment to the immediate success of combinations. Mankind has progressed mightily in the direction of good faith within the last century. Possibly the present generation will more fully than any of its predecessors realize the truth of the saying "Honesty is the best policy." Possibly a generation is coming that will so far observe the Golden Rule that it will be able to handle great combinations in good faith. But in any case the KANSAS FARMER sees no reason to doubt the continued progressive development of combinations with much contention in the appropriation of the benefits.

It must have occurred to the careful reader of the foregoing that the ordinary investor, the small shareholder, in the great combination is liable to

(Continued on page 1136.)



Owned by Hon. M. A. Low, Topeka, and included in the dispersion sale of Scotch Shorthorns at Horton, Kans., November 19, 1903.

MODERN DAIRYING.

The Kansas State Board of Agriculture has again laid the farmers of this State and of the entire country under obligations by publishing another of its famous red-letter bulletins. With the rare talent of the secretary's office for finding the most useful information published, this book presents just such information as will enable the dairy farmer to correct his errors, improve his methods, increase his product, improve its quality, and augment his profits.

Ever since the appearance of Secretary Coburn's book on "Cow Culture," dairying has advanced in Kansas. "Modern Dairying" is a fit successor to "Cow Culture." It does not repeat the information given in "Cow Culture" but it takes up the subject in such a way that the farmer who has not secured a copy of the earlier publication may reap the full benefit of the present volume.

The reader should lose no time in sending his application for a copy to F. D. Coburn, secretary Kansas State Board of Agriculture, Topeka, Kans.

IS THE ERA OF COMBINATIONS PASSING?

There are writers who affect to see in recent movements in the financial world's sure premonitions of the elimination of the trusts. A favorite illustration is found in the fact that \$500,000,000 of steel trust stocks, recently quoted at par, have so depreciated that they would now sell for not to exceed \$70,000,000. From this it is reasoned that the various arguments which have been adduced in favor of

steel trust are even now brought forward, and effectively, for the formation of a packing-house trust.

It is shown that the packing interests of the United States handle an annual business of over \$800,000,000; that this business is now practically in the hands of five men, namely, Armour, Morris, Cudahy, and Sulzberger; that the packers, through the National Packing Company, recently combined a number of the smaller concerns such as the Hammond, Fowler, Anglo-American, United Dressed Beef Company, and others; that while a general combination such as is in prospect would not have been possible in the days of P. D. Armour and Gustavus Swift, owing to personal animosity, the succeeding sons of these great leaders have not inherited their animosities but have shown as great abilities as their sires in handling and originating great business enterprises; that while there are now certain proceedings in court which make it advisable or even necessary to delay the great consolidation, yet these are expected to pass.

The economic argument made is that the combination will not advance the price of animal products but that the elimination of now duplicated expenses will result in a saving which "could pay dividends upon a large capitalization." Of expenses to be reduced, it is pointed out that "under the present system of meat distribution expensive agencies are maintained in all the large cities and towns in the United States by the leading packers, resulting in a duplication of expensive plants and in many cases a triplica-

Agricultural Matters.

Humus.

PAUL A. MAIER, ANDERSON COUNTY—
PRIZE CONTEST PAPER.

First of all, what is humus? Humus is simply decaying vegetable or organic matter. It is chiefly obtained and supplied to the soil from decaying roots and stubble, by plowing under green manure and by applying barn-yard manure to the land.

A soil well supplied with humus has life and is dark in color. This condition is more noticeable in the barn-yard and feed-lots, where the droppings of the animals and wasted feed are continually accumulating. It also adds plant-food to the soil which is made available for the plants by the chemical activities in the soil, produced by the myriads of bacteria which invade it.

On farm lands where the supply of humus is exhausted, the soil becomes hard, lumpy, compact, and leachy, and thus unproductive. In order to make the soil productive, we must constantly keep supplying it with humus which gives it a good texture, making it mellow and loose, also increasing its water-holding capacity.

A humus soil admits the air freely and modifies the temperature thereof. This is essential in the growing season, to promote a rapid growth of plants, and in the winter allows a deeper freezing of the soil, thus making more available plant-food by the breaking down of the soil particles and by putting it into a good physical condition.

A soil well supplied with humus has life and color, furnishes plant-food, is put in a good physical condition, has increased water-reservoir capacity, aids the entrance of air, is modified in temperature and produces chemical activities. Crops growing in such soils, receiving good and proper tillage, grow fast, take good and deep root-hold and produce paying crops.

In order to keep the soil regularly and sufficiently supplied with humus, we must practice a rotation of crops (which is the basis of agricultural prosperity), and in this rotation we must include one of the leguminous crops, such as clover, alfalfa, cow-peas, soy-beans, vetches, etc.

Clover adapts itself well in a short rotation, especially in eastern Kansas. Alfalfa is objectionable because of not being adapted to a short rotation; also, when one has a field of alfalfa in this part of the State he regards it as a treasure and is unwilling to plow it up. Alfalfa sod turned under, furnishes large quantities of humus from its deep and spreading roots, draining the soil to unknown depths.

My method is, sowing clover in the spring without any nurse crop, which is the only way one is sure to secure a good stand and crop of hay in a favorable season on reasonably good land. Timothy is sown in the fall, the same year, and the following year I have a mixed hay crop. If the season is favorable I take off a clover-seed crop in the fall. The following spring the sod is turned under, is planted to corn for two consecutive years, and is then seeded down to clover. Clover, being a biennial plant, adapts itself admirably in a rotation and is practically the only means of supplying the soil regularly and sufficiently with decaying vegetable matter.

Clover is the chief means upon which I depend to get the soil well supplied with humus. I spread all the barn-yard manure on the clover meadow during the fall and winter months, thereby deriving many benefits. It mulches the clover, thus preventing in a measure the evaporation of moisture, also lessening the winter effects by alternate freezing and thawing of the soil. By the application of barn-yard manure to the clover meadows it naturally stimulates plant and root growth, thus insuring a large crop of hay, and at the same time, root development is going on rapidly, filling the soil with a mass of living roots. This in return makes more humus for the soil.

Clover not only supplies large quan-



FREE VETERINARY ADVICE DURING NOVEMBER

Until December 1st, Dr. Hess (M. D., D. V. S.) will furnish every reader of this paper a letter of advice and a special stock prescription, free of charge. This information is free to users of Dr. Hess' preparations at all times, but this month we offer it to those who have never used our goods as a means of demonstrating Dr. Hess' ability to formulate stock preparations. If you are in need of special veterinary advice, describe your difficulty fully in a letter to Dr. Hess & Clark, Ashland, Ohio, care of Information Bureau, and the letter of advice and prescription will be furnished you free, providing you state what stock you have (number of head of each kind), what stock food you have fed, and mention this paper. Enclose 2c stamp for reply.

ties of humus, but it enriches the soil with nitrogen. All leguminous plants have the power of taking in the free nitrogen in the air, by means of the nodules which grow upon their roots, thereby transforming the same into nitrates.

There are other methods of supplying the soil with humus. Applying to the land barn-yard manure is one, but is open to the objection that it is likely to burn out the succeeding crop, especially if coarse manure is applied and the season is a dry one. Plowing under green manures is also unprofitable, because one loses a season's crop and the results are much like those mentioned above. The green manures do not decay fast enough to give good results the following season. The slow decaying processes of coarse and green manures simply prevent the capillary action of the soil water, that is, it stops the upward movement of the water in the subsoil.

It is sometimes advisable to plow under the second growth of oat- and wheat-fields, and this should be done early, but it would be better to pasture them if possible.

In conclusion, we see that stock must be kept to supply the farm with large quantities of manure, which, together with a system of crop rotation, in which clover is included, supplies humus to be stored in the soil. Such lands, receiving good tillage, will in return yield good and paying crops, which means prosperity to the Kansas farmer.

Humus.

F. C. JOHNSON, BARTON COUNTY—PRIZE
CONTEST PAPER.

Humus, or decayed vegetable matter, is a necessary constituent of the soil in the production of crops, but its importance is little understood and still less appreciated by the majority of farmers. Humus in the soil enables it to withstand both excessive moisture and dryness better than a soil exhausted of that element. Nature has several ways of telling us of the exhaustion of humus, some of which are so simple that all who will may know. Most soils lacking in humus will puddle when very wet and bake when very dry, and the soil particles lie so close together that the tiny rootlets or feeders are unable to spread out and find nourishment for the plants. Then, too, soils with but little silica or sand in certain conditions or degrees of dryness or moisture will not slide smoothly from the plow and we say our plows will not scour, never giving a thought to the reason or asking ourselves if we are not at fault.

Feeders who use Dr. Hess Stock Food are free from the usual fears that attend the last few weeks' feeding, and the danger of falling weight from lost appetite in the very last days before marketing. Dr. Hess Stock Food, the great stock tonic, keeps up appetite and compels the digestion of all the foods eaten—that means economical feeding and a wonderful development of solid flesh and fat; shortens the feeding period thirty to sixty days; prevents disease by keeping the animal in perfect physical condition; gives that thrifty and vigorous appearance that makes cattle "top the market" at selling time.

Dr. Hess Stock Food

is a product of science, formulated by Dr. Hess (M. D., D. V. S.) If the medical and veterinary colleges know of nothing better it must be good. No unprofessional manufacturer can equal it.

Our Information Bureau.—For any disease or condition for which Dr. Hess Stock Food is not recommended, a little yellow card enclosed in every package entitles you to a letter of advice and a special prescription from Dr. Hess (M. D., D. V. S.) In this manner you are provided with a universal treatment for all stock diseases, either in the Stock Food itself or in the special prescription to which the little yellow card entitles you. Indorsements from physicians, scientists and feeders furnished on application.

Dr. Hess Stock Food is sold on a written guarantee, 100 lbs. \$5.00 (except in Canada and Pacific Slope) smaller quantities at slight advance. Fed in a small dose.

DR. HESS & CLARK, Ashland, Ohio.

Also Manfgs. of Dr. Hess Poultry Pan-a-c-e-a and Dr. Hess Healing Powder.

Instant Louse Killer Kills Lice

THE 100% FARMER

If you can't go to the agricultural college you can bring its practical workings to you. Our correspondence courses prepared by men like Prof. F. G. Holden, Prof. W. J. Kennedy and Dr. A. T. Peters enable you to

Study Agriculture

at odd times at home. Courses in judging, feeding, breeding and care of live stock, farm crops, veterinary practice, etc. All most thorough. Endorsed by agricultural college men. School stands as high in its line as state colleges do in theirs. Write now for booklet, "The 100% Farmer."

Correspondence Agricultural College,
421 Nebraska St., Sioux City, Ia.

measure of success that will crown his labor. The study of nature's laws and language raises the farmer from a drudge, a mere laborer, to a professional man. There is no occupation requiring so large and varied knowledge, no profession that will command greater respect, than that of an intelligent tiller of the soil and a student of nature. He is acknowledged as a public benefactor, and the highest type of manhood the world can know.

Bone-meal for Fertilizer.

Mr. J. E. Chitty, Marshall County:—Your son, Mr. J. G. Chitty, asked me write to you regarding the application of bone-meal for fertilizer for wheat. I find after looking up the subject that about 168 pounds of this fertilizer per acre may be considered a fair amount to apply on average land. This amount of fertilizer will contain enough available phosphoric acid, provided that it is needed, so that if it should all be used by the crop it would be sufficient to increase the yield at the rate of fifteen bushels per acre. Mr. Chitty informs me that you have purchased 5,000 pounds of fertilizer and that you have some forty acres of land over which you can distribute it. By applying the amount named, that is, 168 pounds per acre, your 5,000 pounds of fertilizer will only be sufficient to cover about thirty acres. I therefore suggest that you make a little lighter application. At the rate of 132 pounds per acre your 5,000 pounds of fertilizer will be distributed over about 38 acres, leaving a two-acre strip without fertilizer as

Modern Merchandising



Have you ever stopped to think about the question of getting your household supplies to the best advantage? Are you perfectly satisfied with the way things are running—with the prices you pay, the quality of the goods, the range of selection and the general question of making both ends meet? Perhaps you buy your supplies from the cross-roads store, just because your grandfather did. Perhaps you are tied up to the general store because you can trade in your butter and eggs at a low price and take it out in trade at a high price. Possibly you have never thought about it one way or the other. It is time to think. You have got to live and support your family. Your income is limited to so many dollars per year, and you have got to figure out the expense account so that things will come out right at the end of the year. If you can make both ends meet nicely and lay aside a tidy sum for a rainy day, you are only doing what every head of a family should endeavor to do, and if you don't do it you are simply inviting misery for the next time the crop fails. If a dollar looks as big to you as we think it does, we want you to think over this question of modern merchandising and see just what it means. It means different things to different people. To some it means buying everything on credit, then mortgaging the farm when settlement day comes around. Others think cheap goods the pathway to economy—the cheap, worthless trash that is advertised so brazenly at "the lowest price on earth." Many people send off to the city and get a jack knife at a 25 cents saving, and then fall back into the old rut in buying the balance of their supplies. Our idea of modern merchandising is to supply all your wants—everything you eat, wear or use—for yourself, your family and the hired man, at an average saving of 15 to 40 per cent, which means that if your yearly purchases amount to \$200, you can save something like \$50; or \$100 if it costs you \$400 a year to live. Are you so well off that \$100, or even \$50 does not interest you? Then again, consider the advantages. Absolutely reliable merchandise of the very best quality, and an unlimited range of selection. New goods. Prompt service. Prices that spell economy, and the certain knowledge that absolute satisfaction is the keynote to every transaction. To make trading with us possible, we issue a catalogue of 1128 pages, in which almost everything imaginable, including Vehicles and Farm Implements, is illustrated, described and priced. This catalogue can be absolutely depended upon and enables you to select your entire bill of merchandise without hurry or confusion and with the certainty that everything will be found exactly as described or you need not keep it. We ask you to get out of your present rut and give our methods a trial. We satisfy others and will satisfy you. There never was a better time than right now to begin, for we have just issued a new catalogue full of the things you will need to see you through this winter, and you can make no better investment than to fill out this coupon and send it to us now while the subject is in your mind. We ask 15 cents, merely as an evidence of good faith on your part. If you will risk 15 cents, we will risk sending you a catalogue that costs us over half a dollar to print and is so big that it requires 26 cents postage. It is our 76 cents against your 15 cents. Will you do it? Write today.

Laying in Supplies: Living from hand to mouth is one way of living, but why not get your supplies on a wholesale basis and avoid the petty annoyances of retail buying, to say nothing of making four dollars go as far as five dollars used to. That's the grocery list you see hanging on the wall. Supplied with loops to hang up with. A postal will bring it. Nothing like groceries for a foundation for a 100-lb. freight shipment.

Montgomery Ward & Co.

Michigan Avenue, Madison and Washington Streets, Chicago

Thousands of readers of this paper noticed our advertisement last month and sent in their application for our Catalogue No. 72. A new edition is just off the press. Requests will be filled in order of their receipt. Do not delay.

Montgomery Ward & Co., Chicago

Enclosed find 15 cents for partial postage on Catalogue No. 72, as advertised in Kansas Farmer.

Name _____
(Be sure to write very plainly)

Postoffice _____

Route No. _____ County _____ State _____

a check in order that you may determine the value of the fertilizer. One hundred and thirty-two pounds of the bone-meal per acre will supply about 8 pounds of available phosphoric acid per acre, which is sufficient to give an increase of 12 bushels per acre in the wheat crop, provided the phosphoric acid is needed and can all be used by the crop.

Of course beside the amount of phosphoric acid which is readily available in bone-meal, which is usually about 6 per cent of its weight, there will remain about 18 per cent of unavailable phosphoric acid which will gradually become soluble and in a condition to furnish food for succeeding crops of wheat. The bone-meal also contains from 3 to 4 per cent of nitrogen and from 3 to 5 per cent of ammonia so that the phosphoric acid is not the only plant-food which it furnishes. I shall be interested in learning the results of your experiment in the use of bone-meal in growing wheat.

A. M. TENEYCK.

English Blue-grass or Alfalfa for Horse Pasture.

I would like some information as to which will pay best, English blue-grass or alfalfa for horse pasture permanently. The land is clay with some sand, self drained but not naturally rich. It has raised good corn and wheat. This meadow I want to use for milch-cows in case it affords more pasture than three to five horses will use. If in alfalfa, would it be risky to use the surplus for cows?

Alfalfa does well in this locality, and ten miles south English blue-grass has done well this drouthy summer and fall, but pastured lightly. The blue-grass was on a washy knoll of clay land in the bottom of the Chikaskia River.

Please inform me how much and when to sow. The land will be in wheat. Can English blue-grass or alfalfa be seeded in the wheat, like red clover in the east? Where can the seed of the grass be secured and what ought it to cost? Please send me a list of wheats tested at your station. Have you tried a variety called Balley, thought so much of at the Ohio Experiment Station?

M. S. HOLLINGSWORTH.

Oklahoma.

Alfalfa will make good pasture for horses and I would prefer it to English blue-grass. Alfalfa is more productive and horses receive no injury in pasturing upon it. However, for dairy cows the alfalfa will not be safe to use for pasture. I would recommend in case you decide to use alfalfa as pasture for cows, that Eng-

lish blue-grass and alfalfa be sown together. The mixture will make a safer pasture than the alfalfa alone and also in some respects a better and more permanent pasture.

It is likely that the *Bromus inermis* may be a profitable grass for you to grow for pasture; at least it is well worth trying. *Bromus inermis* and alfalfa will do well together and the mixture will certainly make a safer pasture for cattle than the alfalfa alone. The bulletins sent you will doubtless give you the desired information in regard to seeding, etc. English blue-grass is successfully grown with wheat as a nurse crop, although it is more generally seeded alone. Alfalfa and *Bromus inermis* should best be sown without a nurse crop. In your locality the spring will be a favorable time to sow, or if the ground is gotten into good condition and there is sufficient moisture, fall seeding will usually be successful. The chances for securing a catch of grass by seeding in the wheat either now or in the early spring are not so good as seeding on open ground early next spring. The general plan for preparing seed-beds for grasses is discussed in the bulletins which have been mailed you.

You can secure seed of any of the grasses named from seedsmen whose advertisements are usually found in the agricultural papers. *Bromus inermis* is quoted at 15 cents per pound, but may be purchased at a lower price in large quantities. Meadow fescue is quoted at 10 cents per pound, and alfalfa at 15 cents per pound. You will doubtless be able to purchase alfalfa-seed or any of the grass-seeds named through your local seedsmen. It is cheapest to always purchase the best quality of seed.

No trials of different varieties of winter wheat have been made at this station for several years although we are sowing some twenty varieties this fall. In 1890 to 1897 some 275 varieties of wheat were tested at this station. As an average for all trials the six best producing varieties were as follows:

1. Andrew's No. 4; a red wheat with large berry; average yield for the six years, 33.3 bushels.
2. Turkey; the grain is a dark red, of medium size; average yield, 32.2 bushels.
3. Valley; this wheat has a short, dark red berry; yield, 31.14 bushels.
4. Tasmanian; berry is dark red; the chaff is brown; yield, 30.32 bushels.
5. Ramsey; chaff is white; berry red, of medium size; yield 30.13 bushels.

6. Currell; chaff is brown and berry red, short, but generally plump; yield, 29.87 bushels.

The hard Turkey Red or Russian wheat seems to be best adapted to growing at this station and throughout the great central wheat belt of Kansas. I believe that in Oklahoma, especially in your part of the Territory, it will be found hardier and more productive than the soft types. The macaroni wheat is also successfully grown in Oklahoma and Texas and it is worthy of further trial. We have not tested the variety of wheat which you mentioned.

A. M. TENEYCK.

Farm Notes.

N. J. SHEPHERD, ELDON, MO.

Keep no useless stock to consume the profits.

Young trees stand transplanting better than old ones.

In keeping the horse fat there is as much in the driver as in the feed.

Overloading will start horses to balking quicker than anything else.

Convert all waste lands as fast as possible into productive fields.

Try raising wethers, lambs, and wool instead of either as a specialty.

Wherever bad odors can be detected about the dairy something is wrong and needs attention.

A horse can not be kept sleek no matter how much grooming is given unless given plenty of exercise.

When setting out pear-trees select deep, heavy soil, if you have any choice, but let it be a well-drained piece.

When a pig is fed much beyond eight or nine months, profits are being needlessly thrown away.

With the work teams especially, besides variety in the grain feed there should be a variety of rough feed also.

The most fertile and productive farms can easily be made poor, or run-down ones be enriched, according to the management of the same.

When prices are highest is the time to make the most from any product even at a slight increase in the cost of production.

The point to be secured with all kinds of stock is to winter as cheaply as possible and at the same time keep the stock in a good, thrifty condition.

With all classes of stock, if comfortable, dry quarters are provided better results can be secured from the same amount of feed.

In a majority of cases, in winter especially, the obstinacy of cream comes from unsuitable care and imperfect temperatures of the cream.

One advantage with clover is that it can be grown with a crop of small grain without any special preparation

of soil for it and at a small cost for seed.

The most costly farming is done with poor farm teams. A horse that is only able to do part of a day's work is an expensive animal on the farm.

Fattening stock should be fed often, but never more than they will eat up clean. When an animal becomes hungry and is allowed to fret for food the process of fattening is retarded.

It is a good plan to spread manure on the meadows as early in the fall as possible. This will give the grass plants in the thin places a chance to start in the fall and so keep it from freezing out.

At this season of the year the rains are usually cold and all stock should be sheltered from them as much as possible, and especially the work teams.

The garden should be thoroughly plowed in the fall so as to give the frost a chance to disintegrate and reduce the soil to a more suitable condition for the growing of vegetables.

Besides the profitableness in growing the better animals, there is always a demand for such stock even when poor animals can not be sold at all, and such certainly return no profit.

The longest and the finest wool and the heaviest fleeces grow on the sheep which are well fed and kept steadily in a good, thrifty condition. Any change in the condition of the sheep will show in the wool.

Further Experience With Emmer.

EDITOR KANSAS FARMER:—In my letter of last February I told you that I had found the Russian emmer drought-proof. This season's observation taught me that it is also frost- and rust-proof. On account of the wet the seed was not sown until April 20, and the young blades were about two inches high when the severe frost of April 30 killed or completely crippled oats on adjoining fields, without doing any harm to the tender emmer plants. Then, in June, when the excessive rains produced rust on our wheat, the emmer, although less developed and more leafy, remained unaffected. Although sown as late as April 20 the emmer made a good yield, producing over thirty bushels to the acre.

Since thrashing my emmer I find stock very fond of the straw which I consider equal to prairie hay.

After noticing the various good features of this Russian emmer, I honestly believe that this cereal will prove to the western half of the prairie States as great a blessing as, did the Kafir-corn, which I introduced in this part of Kansas in 1884.

J. H. CLAUSSEN.

Ellsworth County.

The Stock Interest.

THOROUGHbred STOCK SALES.

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

November 9, 1903—Cooper County Shorthorn Breeders' Association sale at Buncetan, Mo. W. H. H. Stephens, Secretary.
November 10, 1903—D. A. Kramer, Washington, Kans., Poland-Chinas.
November 10-11, 1903—Marshall County Hereford breeders' annual sale at Blue Rapids, Kans.
November 11, 1903—David Cook, Washington, Kans., Poland-Chinas.
November 12, 1903—Purdy Bros., Harris, Mo., Shorthorns.
November 12, 1903—W. B. Van Horn, Lone Star (Douglas Co.), Kans., Poland-Chinas.
November 17 and 18, 1903—Armour-Funkhouser, Herefords, at Kansas City, Mo.
November 18, 1903—A. G. Lamb, Eldorado, Kans., Poland-Chinas.
November 19, 1903—J. F. True & Son, Blackwell, Okla., Shorthorns.
November 21, 1903—Henry W. Kuper and W. D. Elmore, Humboldt, Nebr., Shorthorns.
November 27, 1903—Scott topped Shorthorns, A. B. & F. A. Heath, Republican City, Neb.
December 2, 1903—Geo. W. Null, Odessa, Mo., Poland-Chinas.
December 2, 1903—American Galloway Breeders' Association sale, at International Exposition, Chicago.
December 3, 1903—100 head of Herefords, at Chicago, Ill. C. R. Thomas, Secretary.
December 4, 1903—American Aberdeen-Angus Breeders' Association sale at Chicago. W. C. McGavock, Mt. Pulaski, Ill., manager.
December 9, 1903—Combination sale of Poland-Chinas at McPherson, Kans. M. O. Kilmer, Mgr.
December 10-11, 1903—Hereford cattle and Berkshire swine, Sunny Slope Farm, Emporia, Kans., C. A. Stannard, owner.
December 11, 1903—J. R. Young, Richards, Mo., Poland-Chinas.
December 15, 1903—Harry E. Lunt, Burden, Kans., Poland-Chinas.
December 16, 1903—Pure-bred Shropshire sheep, E. S. Kirkpatrick, Wellsville, Kans.
December 18, 1903—Plainville Breeders' Association combination sale of cattle and swine, Plainville, Kans.
February 1, 1904—Poland-Chinas, Thompson Bros., Marysville, Kans.
February 2 to 5, 1904—Percherons, Shorthorns, Herefords, and Poland-Chinas, at Wichita, Kans., J. C. Robison, Towanda, Kans., Manager.
February 2, 1904—Duroc-Jersey swine at Humboldt, Neb. Wm. Brandow, Manager.
February 2 and 3, 1904—Benton Gabbert and others, Herefords, at Kansas City, Mo.
February 3, 1904—Jno. O. Hunt, Maryville, Kans., Duroc-Jersey sows.
February 4, 1904—C. E. Pratt, Frankfort, Kans., Duroc-Jersey sows.
February 5, 1904—J. B. Davis Fairview Kans. Duroc-Jersey sows.
February 17, 1904—Combination sale of Angus cattle at Kansas City, Berry Lucas, Manager, Hamilton, Mo.
February 23, 1904—Duroc-Jerseys, A. F. Johnson, Osceola, Neb.
February 24, 1904—Duroc-Jerseys, E. J. Brown Osceola, Neb.
February 25, 1904—Duroc-Jerseys, Nels. Holm, Osceola, Neb.
February 26, 1904—Duroc-Jerseys, C. G. Johnson, Osceola, Neb.
March 1, 1904—L. M. Mounsee & Sons, Smithton Mo., Jacks, saddle and roadster horses.
March 8, 1904—F. M. Gifford, Manhattan, Kans., Shorthorns.
April 7, 1904—Central Missouri Hereford Breeders' Association Sale, Macon, Mo., S. L. Brock, Secretary.

AMERICAN ROYAL SALES.

During the week of the American Royal sales of pure-bred animals were held under the auspices of the breeders' associations of the four great beef breeds. At each of them a goodly crowd was present and the seats of the amphitheater were well filled at all sessions, although many of those present were apparently spectators rather than buyers.

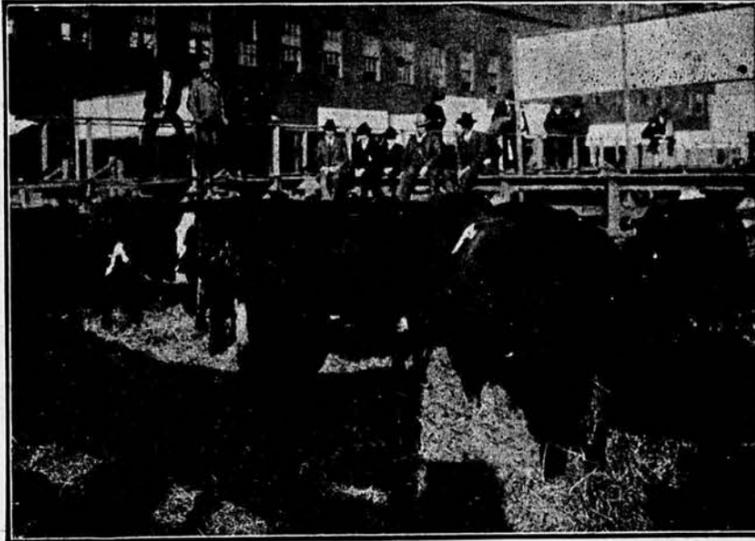
GALLOWAYS.

The highest price paid was for the cow, Imp. Paragon, which brought \$500. The second highest price being for the cow Lanterne of Wavertree, who brought \$480. The highest price paid for a bull was \$300, which was brought by Duke of German. Except in cases mentioned no cow brought more than \$200 and no bull more than \$180. The detailed report of the sale is as follows:

Belle of Wildwood 2d 20283, cow, owned by F. P. Wild, Ovid, Mo., sold to C. D. McPherson, Fairfield, Iowa, 125
Verdie 4th 20956, cow and calf, owned by Claud Atterbury, Atlanta, Mo., sold to R. H. and R. W. Sampson, Hunter, Kans., 95
Cornelia of Ellinwood 15555, cow, owned by Claud Atterbury, Atlanta, Mo., sold to J. N. Lander, 65
Douglass of Wildwood 22265, bull, owned by F. P. Wild, Ovid, Mo., sold to Phil Grace, Rose Hill, Iowa, 180
Woolfel Jet 21840, bull, owned by C. N. Moody, Atlanta, Mo., sold to D. L. Miller, Altamont, Mo., 100
Phyllis of Naples 1st 21546, cow, owned by Brookside Farm Co., Fort Wayne, Ind., sold to F. E. Moore, Gardner, Kans., 60
Clara of Maples 15888, cow and calf, owned by Brookside Farm Co., Fort Wayne, Ind., sold to H. M. Hill, Halstead, Kans., 125
Capt. Camp 14359, bull, owned by W. D. Brown, Wheeler, Wis., sold to R. H. and R. W. Sampson, Winter, Kas. 65
Tom Johnson Mayor 21325, bull, owned by W. D. Brown, Wheeler, Wis., sold to R. H. and R. W. Thompson, Quinter, Kans., 55
Sauterne of Wavertree 17820, cow, owned by F. P. Wild, Ovid, Mo., sold to M. P. Clark, St. Cloud, Minn., 460
Ira E. 21114, cow, owned by Claud Atterbury, Atlanta, Mo., sold to J. M. Landree, Macon, Mo., 65
Eunice A. 21117, owned by Claud Atterbury, sold to J. M. Landree, 65
William D. B. 21095, bull, owned by W. D. Brown, Wheeler, Wis., sold to J. M. Hill, Halstead, Kans., 55
Moxie 23185, bull, owned by W. D. Brown, Wheeler, Wis., sold to J. M. Hill, Halstead, Kans., 55
Imp. Paragon 15051, cow, owned by C. N. Moody, Atlanta, Mo., sold to J. E. Bales, Stockport, Iowa, 500
Flower of Nashua 19908, cow and calf, owned by J. B. and A. M. Thompson, Nashua, Mo., sold to Robt. Day, Newton, Kans., 75
Carnation of Nashua 16910, cow and calf, owned by J. B. and A. M. Thompson, sold to J. M. Hill, 90
Bakette of Wavertree 17823, cow, owned by S. M. Croft & Sons, Bluff

City, Kans., sold to Marion Parr, Harristown, Ill., 135
Terres 17439, cow and calf, owned by S. M. Croft & Sons, 200
Stately of Nashua 19904, cow and calf, owned by I. B. & A. M. Thompson, sold to C. D. McPherson, 115
Peaceful of Nashua 19898, cow and calf, owned by I. B. & A. M. Thompson, sold to Marion Parr, 130
O. K. of Fairfield 19799, bull, owned by W. B. Brown, sold to J. E. Putman, Salina, Kans., 50
Early Bird 3d 20663, cow, owned by Claud Atterbury, sold to J. E. Bales, 125
Minnie C. 22483, cow, owned by Claud Atterbury, sold to W. P. Williams, Morris Mills, Mo., 90
Bonton 26108, cow, owned by W. M. Brown, Carrollton, Mo., sold to Robert Day, Newton, Kans., 75
Gaiety of Nashua 19897, cow, owned by I. B. & A. M. Thompson, sold to R. H. & R. W. Thompson, Quinter, Kans., 110
Crusader Lass C. 21085, cow, owned by S. M. Croft, sold to W. Bryant, Kingfisher, Okla., 100

W. D. Brown, sold to James Morrison, Milo, Mo., 100
Verda A. 20163, cow, owned by Claud Atterbury, sold to W. B. Williams, 110
Rainbow 22481, bull, owned by C. D. McPherson, sold to H. Sampson, Kansas, 55
Miss Woolly 20000, cow, owned by S. M. Croft & Sons, sold to Marion Parr, 135
Hoxie B. 23186, bull, owned by C. D. McPherson, sold to J. J. Taylor, Crane, Mo., 50
Chalmers of Highland 16801, bull, owned by F. P. Wild, sold to J. R. Lowe, Blue Springs, Mo., 125
Duke of Suffolk 16934, bull, owned by C. N. Moody, sold to R. H. Sampson, Quinter, Kans., 75
Wild Eyed Belle 11864, cow and calf, owned by Claud Atterbury, sold to J. M. Lander, Macon, Mo., 110
Norman 3d of Avondale 20761, bull, owned by J. E. Bales & Son, sold to O. R. Jones, Frankfort, Kans., 125
Peerless 11th of Fairfield 20811, bull, owned by J. E. Bales & Son, sold to C. D. McPherson, 60



Col. G. M. Casey's Champion Shorthorn Steers at American Royal.

Woolfel Yes 21835, bull, owned by C. N. Moody, sold to C. E. Roland, Rose Hill, Iowa, 70
Drift of Wavertree 12004, cow, owned by J. E. Bales & Son, sold to C. D. McPherson, 85
Cecily of Maples 19546, cow, owned by Brookside Farm Co., sold to J. Morrison, Milo, Mo., 60
Grace of Maples 21341, cow, owned by Brookside Farm Co., sold to F. E. Moore, Gardner, Kans., 70
John Dart 22479, bull, owned by W. D. Brown, sold to C. D. McPherson, 90
Ido of Maples 15880, cow and calf, owned by Brookside Farm Co., sold to Jas. Ware, Larned, Kans., 125
Maud A. 20650, cow, owned by Claud Atterbury, sold to D. M. Miller, 80
Nicholas Bay, bull, owned by Geo. Nicholas, Kirksville, Mo., sold to L. W. Markham, Lamar, Col., 80
John Mitchell 21612, bull, owned by W. D. Brown, sold to J. D. Putnam, 70
Flora Neiter A. 18515, cow and calf, owned by Brookside Farm Co., sold to C. D. McPherson, 115

SUMMARY.

24 bulls brought.....\$2,180.00
Average..... 90.83
33 females brought..... 4,120.00
Average..... 124.84
57 animals brought..... 6,300.00
Average..... 110.52

ABERDEEN-ANGUS.

In the early part of the Angus sale the bidding was rather spirited but fell off at the later sessions. The highest price realized was \$300, brought by the young bull, Prairie Gem Lyon. The next highest was \$190 for a 3-year-old cow, Queen Laura. The sale and averages are reported herewith:

Lucy 5th of LaCrew 45860, cow, owned by W. Beeley, sold to W. H. Holt, Savannah, Mo., \$145
Laredo Kate 3d 49124, cow, owned by H. H. Anderson, sold to E. H. Duff, Savannah, Mo., 100
Excella Flossie 41760, owned by J. F. Coulter, sold to F. B. Rollins, Cairo, Mo., 85



Champion Herd of Galloways at American Royal, owned by C. E. Clarke, St. Cloud, Minn.

Prince H. 20669, bull, owned by Claud Atterbury, sold to J. D. Putnam, 80
Jeanet Moody 17326, owned by Claud Atterbury, sold to W. P. Williams, 100
King Moreland 21324, bull, owned by W. D. Brown, sold to M. R. Platt, Kansas City, Mo., 175
Don Devers 22750, bull, owned by C. N. Moody, sold to A. G. Waukinshaw, Quinter, Kans., 55
Verlie H. 20648, cow and calf, owned by Claud Atterbury, sold to J. E. Bales, 110
Duke of German 17762, bull, owned by J. E. Bales, sold to C. N. Moody, 300
Phyllis of Maples 14426, cow and calf, owned by Brookside Farm Co., sold to Jas. Potter, Beulah, Kans., 130
Sir Roger B. 23182, bull, owned by W. D. Brown, sold to C. D. McPherson, 60
Winifred of Maples 19548, cow and calf, owned by Brookside Farm Co., sold to Robt. Day, 65
Dan Davers 2d 22751, bull, owned by C. N. Moody, sold to S. W. Markham, 50
Mason's Pride 23183, bull, owned by

Excella Luetta 49857, cow, owned by John F. Coulter, sold to J. E. Long, Rock Creek, Kans., 55
Lovie S. 23018, cow and calf, owned by J. F. Coulter, sold to F. B. Rollins, 90
Fressie of Haley 2d 42672, cow and calf, owned by Elm Park Cattle Co., sold to C. M. Hulbert, Oakland, Neb., 180
Chief Enterprise 47722, bull, owned by C. F. Flemming, sold to J. M. Hood, Leavenworth, Kans., 85
South Oaks Nosegay 51963, cow, owned by C. D. Hooker & Son, sold to G. W. McCulloch, Hummiston, Iowa, 90
Lind Grove Maggie 2d 39017, cow, owned by McElhinney & Cubit, sold to W. A. Holt, 105
Archle of Highland 54764, bull, owned by T. J. McCreary, sold to C. E. Sutton, Russell, Kans., 105
Round Lake Modesty 44241, cow, owned by W. J. Miller, sold to F. B. Rollins, Sunflower of Kansas 2d 25004, cow, owned by Parrish & Miller, sold to R. S. Hammond, Odessa, Mo., 65
Sunflower Star 3d 48944, cow, owned by Parrish & Miller, sold to F. C. Mc-

Advertisement for Gombault's Caustic Balsam, featuring an image of a horse and text describing its uses for various ailments.

Advertisement for Kendall's Spavin Cure, featuring an image of a horse and text describing its effectiveness for spavin.

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Advertisement for Fleming Bros. Lump Jaw Spavin Ringbone Fistula Poll Evil Knee Spruns, featuring an image of a horse and text describing the various ailments treated.

Advertisement for Car-Sul Cattle Dip, featuring text describing its use for treating various ailments in cattle.

Advertisement for Lump Jaw, featuring text describing a positive and thorough cure for the condition.

Donald, Princeton, Mo. 115
 Bessie of Western Fowls 19487, cow, owned by Parrish & Miller, sold to S. A. Stanfield, Odessa, Mo. 75
 Coal Bank Abe 55791, bull, owned by G. E. Adkins, sold to Joe Halblat, Brownell, Kans. 95
 Jean of Maple Hill 4th 27318, cow, owned by N. M. Pettit, sold to S. A. Stanfield. 65
 Jean of Maple Hill 5th 3412, bull, owned by N. M. Pettit, sold to F. B. Rollins. 60
 Mass Creek Maid 2d 61071, cow, owned by J. H. Rest & Sons, sold to F. Huber, Belden, Mo. 60
 Rutger Mina 2d, cow, owned by C. E. Sutton, sold to Parker, Parrish & Miller, Hudson, Kans. 300
 Bessie Williams 47422, cow, owned by R. S. Williams, sold to P. C. McDonald. 135
 Mingle Williams 47426, cow, owned by R. S. Williams, sold to G. C. Duff, Savannah, Mo. 80
 Rosamond Andrews 54138, cow, owned by W. W. Andrews, sold to G. W. McCullough, Hummiston, Iowa. 110
 Excello Luella 49858, cow, owned by J. F. Coulter, sold to P. C. McDonald. 75
 Excello Lutie 41761, cow and calf, owned by J. F. Coulter, sold to E. H. Duff. 90
 Excello Ruthless 57438, cow, owned by J. F. Coulter, sold to F. B. Huber, Belden, Mo. 70
 Bard Bloom, bull, owned by W. W. Andrews, sold to N. M. Pettit, Shelby, Iowa. 145
 Alpha Joe 61221, bull, owned by H. H. Anderson, sold to W. G. Denton, Denton, Kans. 75
 Copland 47724, bull, owned by C. F. Flemming, sold to C. D. Murray, Odessa, Mo. 60
 South Oaks 53655, bull, owned by C. H. Hooker & Son, sold to W. C. Flory, South Omaha. 95
 South Oaks Lucy Ann 53653, cow, owned by C. D. Hooker & Son, sold to Culver Bros., Barnard, Mo. 75
 Queen Laya 41031, cow and calf, owned by T. J. McCreary, sold to J. B. Withers, Missouri City, Mo. 190
 Maple Lawn Primrose 33374, cow, owned by W. J. Miller, sold to R. S. Hammond, Odessa, Mo. 60
 Susie 3d 19296, cow, owned by W. J. Miller, sold to R. S. Hammond. 95
 Rutger King 2d, bull, owned by C. E. Sutton, sold to Geo. H. Mack, Garden City, Kans. 190
 Sunflower Joy 2d 42461, cow, owned by Parrish & Miller, sold to E. L. Sutherland, Sutherland, Mo. 90
 Sunflower Kiva 42003, cow, owned by G. G. Hawkins & Co., sold to J. E. Murray. 60
 King of Maple Hill 56909, bull, owned by —, sold to Thos. Conklin, Edgerton, Kans. 80
 Second Jerry of Maple Hill 58675, bull, owned by N. J. Pettit, sold to Jno. Fahey, Quinter, Kans. 90
 Moss Creek Jack 4th 58442, bull, owned by J. H. Rea & Sons, sold to W. S. Swartz, Raytown, Mo. 125
 Third Mayor of LaGrew 59374, bull, owned by W. B. Seelye, sold to A. L. Sutherland. 50
 Rock Valley Locus 55789, bull, owned by G. E. Adkins, sold to A. L. Sutherland. 80
 Williamsdale Addie, owned by R. S. Williams, sold to A. L. Sutherland. 170
 Prairie Gem Lord 63174, bull, owned by N. G. Cone, sold to C. E. Sutton, Russell, Kans. 110
 Roselle 49676, cow, owned by W. W. Andrews, sold to Gales Bros., La Plata, Mo. 100
 Laredo Maud 2d 52684, cow, owned by H. H. Anderson, sold to W. D. Hazel, Olathe, Kans. 135
 Excello Gracious 57445, cow, owned by John F. Coulter, sold to S. P. Hess, Alden, Kans. 85
 Grace Gardiner 27879, cow, owned by J. F. Coulter, sold to F. B. Rollins. 90
 Excello Anges 49860, cow, owned by John F. Coulter, sold to A. L. Sutherland. 75
 Aileen Gardiner 27882, cow, owned by John F. Coulter, sold to C. D. McDonald. 115
 Excello Lydia 44782, cow, owned by J. F. Coulter, sold to J. S. Duff. 100
 Park Erick 60054, bull, owned by Elm Park Cattle Co., sold to W. W. Cheston, Windsor, Mo. 60
 Glenn Enterprise 47720, bull, owned by C. F. Flemming, sold to John Fahey, Quinter, Kans. 80
 Lexie of Long Branch, cow and calf, owned by C. H. Hooker & Son, sold to T. J. Hurlbert, Oakland, Neb. 160
 Williamsdale Lucy, owned by R. S. Williams, sold to W. A. Holt. 105
 Gittings Mayflower 40957, cow and calf, owned by McElhinney & Cubit, sold to J. S. Duff. 75
 Honey Creek Nora 51539, cow, owned by McElhinney & Cubit, sold to F. B. Rollins. 70
 Prairie King 11th 52679, bull, owned by T. J. McCreary, sold to F. B. Rollins. 85
 Metz Beauty 2d 45345, cow, owned by W. J. Miller, sold to John Hayes, Somerset, Iowa. 45
 Jean of Maple Hill 9th 49870, cow and calf, owned by N. M. Pettit, sold to W. E. Patterson, Savannah, Mo. 105
 Sunflower Jane 48971, cow and calf, owned by Parrish & Miller, sold to J. O. Strubinger, Eldara, Ill. 115
 Edgewood Prince 4th 39374, bull, owned by Palmer & Palmer, sold to Jas. Beham, Victoria, Kans. 120
 Smut 2d 54351, cow, owned by J. H. Rea & Sons, sold to B. Huber, Belden, Mo. 155
 Sunflower Dimple 42847, cow and calf, owned by G. G. Hawkins & Co., sold to M. R. McDermott, Pleasant Hill, Mo. 125
 Prairie Gem Lyon 56698, bull, owned by N. G. Cone, sold to J. M. Spangler, Clinton, Mo. 300
 Black Bess S. 61111, cow, owned by R. S. Williams, sold to S. B. Hess, Alden, Kans. 100
 Laredo Maud 28473, cow and calf, owned by H. H. Anderson, sold to Jas. Halblight, Brownell, Kans. 105
 Carena 3d 25726, cow and calf, owned by J. F. Coulter, sold to J. W. Coulter. 105
 Gardner Bessie 27860, cow and calf, owned by J. F. Coulter, sold to F. B. Rollins. 130
 Excello Beautiful 35312, cow and calf, owned by J. F. Coulter, sold to T. C. Duff. 110
 Excello Madonna 49854, cow, owned by J. F. Coulter, sold to J. E. Long, Rock Creek, Kans. 75
 Excello Belinda 35302, cow and calf,

owned by J. F. Coulter, sold to F. B. Rollins. 110
 Excello Blanche 49850, cow, owned by J. F. Coulter, sold to F. B. Rollins. 75
 Phillip Sherrington 53523, bull, owned by C. F. Flemming, sold to F. B. Rollins. 52.50
 Honey Creek Queen 51542, cow, owned by McElhinney & Cubit, sold to G. J. Aurbert, Galt, Mo. 70
 Prairie King 12th 62543, bull, owned by F. J. McCreary, sold to W. G. Tobin, Highland, Kans. 92.50
 Metz Kaiser, bull, owned by W. J. Miller, sold to Ford Hadley, Ford City, Mo. 50
 Sunflower Havana 42478, cow, owned by Parrish & Miller, sold to A. O. Strubinger, Eldara, Ill. 100
 Sunflower Bessie 2d 30761, cow and calf, owned by Parrish & Miller, sold to M. T. Williams, Medicine Lodge, Kans. 67.50
 Jean of Maple Hill 10th 49871, cow and calf, owned by N. M. Pettit, sold to J. E. Hall, Rock Creek, Kans. 112.50
 Winnebago Chief 60577, bull, owned by G. E. Atkins, sold to John Fahey,

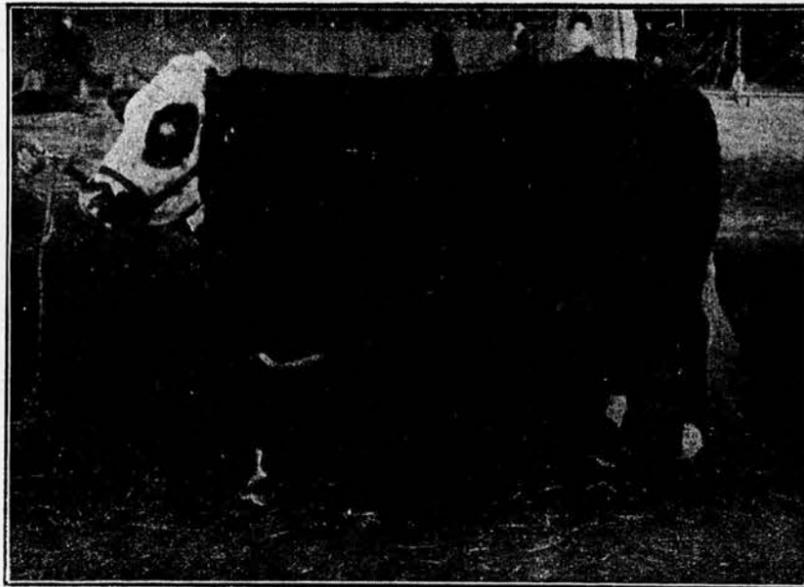
I. T. 120
 Letitia 154404, cow, owned by Mrs. Kate Wilder Cross, winner of 7th ribbon in Royal, sold to Stanton Breeding Farm. 185
 Mary Astor 129437, cow, owned by R. T. Thornton, sold to Jesse Aldrich, Strasburg, Mo. 100
 Blue Valley Belle 147343, cow, owned by Cottrell Bros., sold to C. W. Wilhock, Murphysville, Mo. 105
 Luline 124084, cow, owned by J. A. Larson, sold to W. Andrews, Savannah, Mo. 155
 Beau Donald 48th 121465, bull, owner, W. H. Curtice, a known ribbon winner, sold to Jno. Secore, Mechanicsville, Iowa. 600
 Cassio 21st 167868, bull, owned by C. N. Moore, sold to W. A. Howard, Comiskey, Kans. 75
 Graceful 102186, cow and calf, owner Vermillion Hereford Co., sold to W. R. Gordon, Horton, Kans. 160
 Maude F. 108455, cow and calf, owner E. E. Wall, sold to W. R. Gordon, Horton, Kans. 155
 Lomex 42d 136664, bull, owned by R. C.



Champion Herd of Herefords at American Royal, owned by Van Natta & Son, Fowler, Ind.

Quinter, Kans. 92.50
 Mass Creek Ajax 2d 61068, bull, owned by J. H. Rea & Sons, sold to W. A. Holt, Salina, Kans. 175
 Katie of Webster Fowls 14591, cow, owned by Parrish & Miller, sold to S. P. Hess, Alden, Kans. 80
SUMMARY.
 24 bulls brought.....\$2,492.50
 Average..... 108.85
 59 cows brought..... 6,010.00
 Average..... 101.86
 83 head brought..... 8,502.50
 Average..... 102.43
HEREFORDS.
 A total of ninety-eight head of Herefords was disposed of in the sale, several of the fancy animals going at prices ranging from \$200 to \$500. The 2-year-old heifer, Velvet 134739, topped the sale at \$500. The details of the sale and the averages follow:
 Christmas 136167, cow, owned by C. A. Stannard, sold to Gudgell & Simpson, Independence, Mo. \$150

Wilson, sold to A. E. White, High-bridge, Mo. 155
 Premier 2d 137418, bull, owned by H. D. Adkisson, sold to G. D. Clement, Ord, Neb. 200
 Golden Girl 169027, cow, owned by Miner Bros., sold to G. D. Clement, Ord, Neb. 125
 Bo Peep 156973, bull, owned by J. A. Gibson, Odessa, Mo., sold to Stanton Breeding Farm. 135
 Annabel 4th 116327, cow, owner Z. W. Huntington, sold to C. W. Willcock, Humansville, Mo. 155
 Julia Anne 134247, cow, owner W. B. Waddell, sold to Samuel Drybread, Elk City, Kans. 145
 Piccolo 118795, cow, owner L. B. Chappell, sold to R. S. Bucham, Windors, Mo. 110
 Maud 2d 139020, cow, owner Z. T. Kin-sell, sold to G. M. Hockel, Polk, Mo. 130
 Pink 2d 97437, cow, owner A. E. Metz-ker, sold to Sam Drybread, Ord, Neb. 140
 Roderick 159459, bull, owner Steele Bros., a yellow ribboner, sold to Jon. Sarr, Jr., Cantrell, Iowa. 295
 Lady Clain 125723, cow and calf, owner



Second Prize Steer at American Royal, bred by C. L. Saylor, Pauline, Kans.

Sylph 8th 144687, cow, owned by Gudgell & Simpson, sold to G. G. Clement, Ord, Neb. 205
 Lady Emrick 140802, cow, owned by Miss Lou Goodwin, Blue Rapids, Kans., sold to W. W. Wheeler, Harlan, Iowa. 80
 Josephine 126886, cow, owned by Jones Bros., sold to D. Boone, Kansas City, Verbenia 124080, cow, owned by J. A. Larson, sold to E. F. Howard, Sentinel, Mo. 150
 Grand Bride 122492, cow, owned by Stanton Breeding Farm Co., Madison, Neb., Marshall Field's farm, sold to E. F. Howard, Sentinel, Mo. 220
 Matchless Beauty 122945, cow and calf, owned by J. W. Wampler & Son, sold to Frank Rockefeller. 175
 Blossom 126265, cow, owned by C. L. Browning, sold to C. S. Fickle, Laredo, Mo. 170
 Lakeview Queen 3d 92231, cow, owned by J. W. Lenox, sold to Samuel Drybread, Elk City, Kans. 110
 Petunia 165742, cow, owned by Steele Bros., sold to J. D. Canary, Wann,

S. L. Block, sold to G. M. Hockel, Polk, Mo. 140
 Quartermaster 102961, bull, owned by Jas. E. Logan, sold to P. O. Avery, Humboldt, Neb. 135
 Velvet 134739, cow, owned by J. A. Funkhouser, Plattsburg, Mo., a yellow ribbon 2 years, sold to Conrad Gels, Paola, Iowa. 500
 Marietta 134748, cow, owned by F. C. Sawyer, Lexington, Mo., sold to C. W. Armour, Kansas City, Mo. 125
 Adelaide Archbald 119759, cow, owner Frank Rockefeller, Belvidere, Kans., sold to C. W. Armour. 150
 Bernice 138484, cow, owner C. W. Armour, sold to W. G. Swinney, Burdock, Mo. 200
 Halberd, Jr., 140916, bull, owner J. W. Lenox, Independence, Mo., sold to J. Greenwell, Shelby, Mo. 140
 Miss Sylphid 122352, cow, owner B. H. Downing, Sturgeon, Mo., sold to Thos. Hesond, Pleasant Hill, Mo. 140
 Alberta 117922, cow, owner J. A. Larson, sold to T. Farlstone, Everest, (Continued on next page.)

OTHERS TAKE RISKS

Why should you run risks or run up a heavy doctor bill? Keep on hand a supply of Watkins' Famous Remedies. 52 standard preparations including

WATKINS' Vegetable Anodyne Liniment.
 For Man or Beast.

BEST EVER HAD.
 Wempletown, Illinois, May 23, 1902.
 I have used Watkins' Vegetable Anodyne Liniment for colds, also lameness in the back and joints, and I think it is the best medicine we ever had. MRS. F. B. M'SWENEY.

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HOW TO FEED AND BREED HOGS
 is of importance to swine growers. A practical, clean, common-sense swine paper for farmers can be had from now to January, 1905, by sending 10 Cents in Silver at once to

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REX LIME AND SULPHUR DIP
 Shipped direct to you at dealers prices which saves you more than freight. 1 bbl. \$15; 5 bbls. \$74 per bbl; 10 bbls. \$13 per bbl. f. o. b. Omaha 1 gal. makes 20.

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This dip is made after 33 & 11 government formula and full compliance with Govt. requirements. Its far cheaper and better than patent dips for cattle mange, sheep scab, lice, etc. Used by largest ranchmen in the United States. Write us today.

REX STOCK FOOD CO.,
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STEEL STOCK-WATER POOLS
 The best system for watering stock which has ever been placed before the American stockman and cheaper because more substantial and durable. Send for descriptive catalogues. Address HUDSON & COOK, Oklahoma City, O. T. We have a tank at the Kansas City Stock Yards. Call and inspect it when in Kansas City.

Dana's White Ear Labels
 stamped with any name or address with consecutive numbers. I supply forty recording associations and thousands of practical farmers, breeders and veterinarians. Samples free. A grade W and E. G. E. DANA, 63 Main St., West Lebanon, N. H.

The Fastest Sweep
 No change of burrs for coarse or fine grinding of ear or shelled corn with the

CORN KING
 Triple Geared Mill.
 Fastest 2 horse sweep made. Easy running, never chokes, burrs self sharpening. Fine burrs for flouring wheat if wanted. Write for circular

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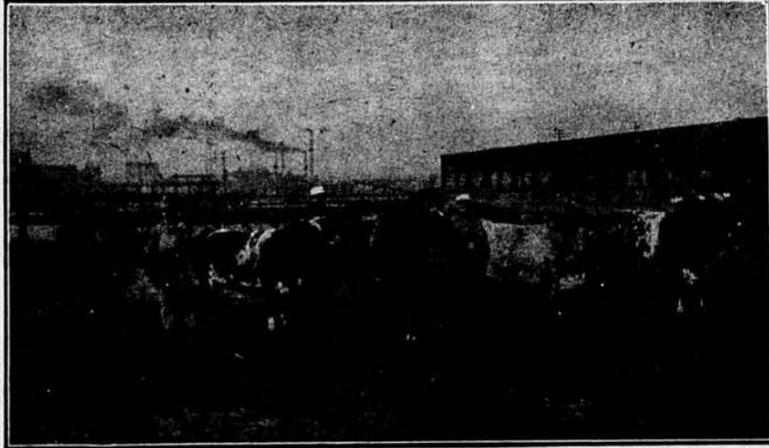
Weber Gasoline Engines
 generate most power at least expense and in form best adapted to small or large purposes. Everything from the 2 1/2 horse Jr. to 300 h. p. Engines. All money earned, built to last, absolute in safety. No skilled engineer or license required. Any intelligent person can operate. Preferable to steam for many reasons. Catalog shows why. Write for it.

WEBER GASOLINE ENGINE CO.,
 Box 251 Kansas City, Mo.

| | |
|---|-----|
| Kans..... | 145 |
| Christabel 12th 145624, cow, owner Z. T. Kinsell, Mt. Ayr, Iowa, sold to Warren Lander, Savannah, Mo..... | 180 |
| Hesiod 95th 140937, bull, red ribbon winner at Royal ribbon, owner J. A. Funkhouser, sold to Benton Gabbert, Dearborn, Mo..... | 430 |
| Lady Sunset 140575, cow, owner J. E. Logan, Kansas City, Mo., sold to Theo. Hesand, Pleasant Hill, Mo..... | 100 |
| Bonnie Spencer 142233, cow, owner Samuel Drybread, sold to J. D. Canary, Wann, I. T..... | 145 |
| Model 154665, cow, owner S. L. Standish, Hume, Mo., sold to Jon. B. Hoges, Butler, Mo..... | 140 |
| Hesiod Lass 97544, cow and calf, owner J. A. Funkhouser, Plattsburg, Mo., sold to G. M. Hockel, Polk, Mo..... | 225 |
| Miss Thickset 137625, cow, owner J. W. Wampler & Son, sold to J. W. Aldredge, Strasburg, Mo..... | 110 |
| Thankful 138194, cow, owner C. W. Armour, sold to W. G. Swinney, Burdock, Mo..... | 375 |
| Belle of Edgewood 137412, cow, owned by H. D. Atkinson, Napton, Mo., sold to G. M. Hockel, Polk, Mo..... | 165 |
| Corsair 156346, bull, owner R. T. Thornton, Kansas City, Mo., sold to E. M. Harrison, Piedmont, Kans..... | 100 |
| Florence 165740, cow, owner Steele Bros., Belvoir, Kans., sold to S. W. Hudson, Buckner, Mo..... | 130 |
| Prudence 91353, cow and calf, owner J. A. Funkhouser, sold to D. Boone, Kansas City..... | 325 |
| Lois 147715, cow, owner Vermillion Hereford Co., Vermillion, Kans., sold to John Sarr, Cantrell, Iowa..... | 150 |
| Glorious 4th 154401, bull, owned by Mrs. Kate Wilder Cross, sold to Stanton Breeding Farm, Madison, Neb..... | 125 |
| Lady Laverne 136582, cow, owner J. S. Lancaster & Sons, Liberty, Mo., sold to C. W. Wheelock, Humansville, Mo..... | 140 |
| Belmont 155403, bull, owner Cottrell Bros., sold to W. W. Wheeler, Harlan, Iowa..... | 180 |
| Laura Belle 95755, cow and calf, owner R. L. Wilson, sold to Theodore Hesand, Pleasant Hill, Mo..... | 220 |
| Dudley X. 169492, bull, owner A. E. Metzker, Lone Star, Kans., sold to Ira Wilson, Marion, Ohio..... | 105 |
| Haldee's Pride 139597, cow, owner Stanton Breeding Farm, Madison, Neb., sold to C. P. Pendleton, Richmond, Kans..... | 165 |
| Kansas 160795, bull, owner, Miss Lou Goodwin, Blue Rapids, Kans, sold to Stanton Breeding Farm, Madison, Neb..... | 125 |
| Viola 142203, cow, owner T. C. Sawyer, Lexington, Mo., sold to Carl Stowe, Hamburg, Iowa..... | 125 |
| Mastodon 169931, bull, owner Gudgell & Simpson, Independence, Mo., sold to C. W. Armour..... | 150 |
| Peplo 145921, bull, owner C. L. Brownning, Laredo, Mo., sold to D. R. Cook, Miles, Iowa..... | 205 |
| Truth 145362, cow, owner S. L. Brock, sold to W. G. Swinney, Burdock, Mo. (Additional), steer not catalogued, owner Minier Bros., Craig, Neb., sold to O. Harris, Harris, Mo..... | 205 |
| Beatrice 136163, cow, owner C. A. Stannard, Emporia, Kans., sold to C. W. Wheelock, Humansville, Mo..... | 205 |
| Romeo 150729, bull, owner B. H. Downing, sold to W. W. Wheeler, Harlan, Iowa..... | 50 |
| Lincoln 10th 143606, owner Jones Bros., Comiskey, Kans., sold to J. T. Mason, Platte City, Mo..... | 150 |
| Spritley Lady 139655, cow, owner W. B. Waddell, Lexington, Mo., sold to Theo. Hesand, Ord, Neb..... | 185 |
| Cammie 148361, cow, owner J. A. Gibson, Odessa, Mo., sold to R. S. Burcham, Windsor, Mo..... | 100 |
| Alice Britton 123969, cow, owner L. B. Chappell, Mt. Leonard, Mo., sold to R. S. Burcham, Windsor, Mo..... | 140 |
| Bees Columbus 148094, cow, owner E. E. Wall, Leeton, Mo., sold to W. G. Swinney, Ash Grove, Mo..... | 95 |
| Gem's Theodore 161078, bull, owner Stanton Farm, sold to Henry Teepy, Manning, Iowa..... | 210 |
| Madera 68655, cow, owner Minier Bros., sold to J. A. Funkhouser, Plattsburg, Mo..... | 170 |
| Violet 132390, cow, owner J. W. Wampler & Son, sold to Samuel Drybread, Elk City, Kans..... | 95 |
| Utopia 139804, cow, owner D. H. Downing, Sturgeon, Mo., sold to Saml. Drybread, Elk City, Kans..... | 120 |
| Marshall Maid 117791, cow, owner W. B. Waddell, sold to J. M. Cline, Aurora, Mo..... | 115 |
| Columbus Lad 176984, third prize winner in Royal, owner E. E. Wall, sold to I. H. Lukehart, Tarkio, Mo..... | 80 |
| Soldier Creek Columbus 6th 153181, bull, owner F. Rockefeller, sold to Gov. John Sparks, of Nevada..... | 250 |
| Minnie 2d 135794, cow, owner Geo. E. Reynolds, Kansas City, sold to J. W. Cline, Aurora, Mo..... | 110 |
| Belle Donald 55th 121478, cow, owner W. H. Curtice, sold to W. G. Swinney, Ash Grove, Mo..... | 225 |
| Hazel 94237, owner A. Metzker, sold to B. H. Downing, Arden, Mo..... | 150 |
| Jay 154402, cow, owner Mrs. Cross, sold to Frank Rockefeller, Belvidere, Kans..... | 200 |
| Cornelia 134744, cow, owner T. C. Sawyer, Lexington, Mo., sold to G. G. Clement, Ord, Neb..... | 155 |
| Dot 156976, cow, owner J. A. Gibson, Odessa, Mo., sold to G. W. Carmichael, Odessa, Mo..... | 90 |
| See Me 136314, cow, owner S. L. Standish, Hume, Mo., sold to J. W. Cline, Aurora, Mo..... | 100 |
| Blue Valley Rose 126981, cow, owner Cottrell Bros., Irving, Kans., sold to Ed. Harboe, Trenton, Mo..... | 150 |
| Wenona 7th 163997, cow, owner Gudgell & Simpson, Independence, Mo., sold to F. G. Oxshire, Fort Worth, Tex..... | 180 |
| Lincoln Lassie 162889, cow, owner Jones Bros., sold to Marz M. Zimmerman, Kansas City, Mo..... | 145 |
| Julia 115994, cow, owner E. D. Adkisson, sold to J. D. Canary, Wann, I. T..... | 150 |
| Miss Spencer 142240, owner Saml. Drybread, Costello, Kans., sold to J. D. Canary, Wann, I. T..... | 125 |
| Elviras, Salisbury 94185, bull, owner C. A. Stannard, G. L. Levitt, Wilson, Kans..... | 125 |
| Lady Beau Real 14801, cow, owner Miss Lou Goodwin, sold to J. W. Cline, Aurora, Mo..... | 105 |
| Duchess 2d 139012, cow, owner Z. T. Kinsell, Mt. Ayr, Iowa, sold to Frank Brown, Cairo, Kans..... | 135 |
| Madine 142007, cow, owner Z. F. Kinsell, Mt. Ayr, Iowa, sold to R. M. Dotson, Jefferson, Kans..... | 180 |

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| Dorabella 91582, cow, owner J. W. Lenox, sold to F. W. Schielle, Curran, Iowa..... | 200 |
| Lucy 128270, cow, owner C. L. Brownling, Laredo, Mo., sold to C. L. Fickle, Laredo, Mo..... | 200 |
| Miss Pretty Oster 130673, cow, owner R. T. Thornton, sold to J. D. Canary, Wann, I. T..... | 130 |
| Lenora 154066, cow, owner Vermillion Hereford Co., Vermillion, Kans., sold to Frank Brown, Cairo, Ill..... | 105 |
| Rosette 138522, cow, owner C. W. Armour, sold to F. W. Seeley, Durant, Iowa..... | 200 |
| Marcellus 147649, bull, owner L. B. Chappell, Blackburn, Mo., sold to R. H. Harrison, Ottawa, Kans..... | 100 |
| Red Eric 2d 137310, cow, owner R. C. Wilson, sold to Theo. Hesand, Pleasant Hill, Mo..... | 140 |
| SUMMARY. | |
| 22 bulls brought..... | \$3,870.00 |
| Average..... | 175.90 |
| 76 cows brought..... | 11,990.00 |
| Average..... | 157.76 |
| 98 animals brought..... | 15,860.00 |
| Average..... | 161.83 |

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| Plattsburg, Mo., sold to E. T. Gordon, Liberty, Mo..... | 175 |
| Edgewood Secret Lad 2d 209753, bull, owner D. T. Bronaugh & Sons, sold to E. P. Litton, Walker, Mo..... | 230 |
| Orange Blossom 33d, owner F. E. Kellogg, Chardon, Ohio, sold to Jas. McConnell, Carney, Mo..... | 230 |
| Clover Leaf Butterfly 2d (twin), cow and calf, owner F. E. Kellogg, Chardon, Ohio, sold to H. F. Brown, Minneapolis, Minn..... | 290 |
| Glendale Violet 3d, cow, owner C. F. Woolf & Son, Ottawa, Kans., sold to J. B. Robinson, Fairport, Mo..... | 235 |
| Godoy Barinton, 203210, bull, owner E. S. Myers, Chanute, Kans., sold to Merdith & Okens, Humansville, Mo..... | 180 |
| Imp. Beauty 16th, cow and calf, owner S. S. Shelby, Westport, Mo., sold to W. R. Wilson, Arispe, Iowa..... | 300 |
| Queen Waterloo, cow, owner McConnell Bros., Kearney, Mo., sold to M. K. Conklin, Aspen, Mo..... | 170 |
| Parkdale Victor 206223, a blue ribbon winner at this year's Royal, bull, owner T. J. Wornall & Sons, Liberty, Mo., sold to Forest Bros. & Durham, Miles, Iowa..... | 500 |



Champion Herd of Shorthorns at American Royal, owned by E. Bowen, Delphi, Ind.

SHORTHORNS.
At the Shorthorn sale Kansas had the satisfaction of making the highest average. This average was secured by Hanna & Co., of Howard, Kans., and is the third year in which they have topped the American Royal Shorthorn sale. The highest price of the sale was paid for the bull, Parkdale Victor 206223, who went at \$500. The highest price for cows was \$350, brought by Hanna & Co.'s Rose Leaf, although their Circe went for \$345. T. K. Tomson & Sons, Dover, Kans., sold a 2-year-old bull for \$300, and from these prices the bids ranged lower. With few exceptions, however, they remained about the \$100 mark and the average is a very satisfactory one to the breeders of Shorthorns generally. Details of the sale, together with the averages, are given below:
Belle Wakem, cow, owner T. J. Wornall & Sons, Liberty, Mo., sold to G. A. McWilliams, Winston, Mo.....\$135
Imp. Dalmeny Mina 5th, cow and calf, owner Hanna & Co., Howard, Kans., sold to S. A. Bixler, Corning, Iowa... 385

Belted Knight 182517, bull, a white ribbon winner at the Royal, owner T. K. Tomson & Sons, Dover, Kans., sold to McClellan Bros., North Loop, Neb..... 300
Glenwood Grisona, cow, owner C. J. Nevius, Chiles, Kans., sold to Ralph Crayton, Crayton, Mo..... 170
Victor Orange 2d 209727, bull, owner W. E. McKenzie, Colorado, Tex., sold to H. C. Duncan, Osborn, Mo., sold to H. F. Brown, Minneapolis, Minn..... 185
Imp. Roseleaf, cow, owner Hanna & Co., Howard, Kans., sold to Chenault Todd Fayette, Mo..... 350
Imp. Circe 3d, cow, owner Hanna & Co., Howard, Kans., sold to E. H. Hurt, Clifton Hill, Mo..... 345
Grace Greenwood 17th, cow, owner T. K. Tomson & Sons, Dover, Kans., sold to M. K. Conklin, Asbury, Neb. 200
Happy New Year, cow, owner J. F. Stodder, Burden, Kans., sold to Forest Bros. & Durham, Miles, Iowa... 200
Nonpareil Baron 157330, bull, a Royal green ribbon winner, owner Wm.



Geo. McKerron & Sons, Pewaukee, Wis., Champion Southdown and Champion Oxford Rams, and Lincoln Bros., Milford Center, Ohio, Champion Rambouillet Ram, at American Royal.

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|---|-----|
| Sweet Charity 8th, cow, owner S. S. Shelby, Westport, Mo., sold to W. R. Wilson, Gillespie, Iowa..... | 275 |
| Ingliside 187220, bull, owner Hanna & Co., Howard, Kans., sold to C. J. Fuert, Jamison, Mo..... | 155 |
| Crocus, cow, owner S. S. Shelby, Westport, Mo., sold to W. F. Davis, Kansas City, Mo..... | 205 |
| Nellie of Maple Hill, cow, owner H. C. Duncan, Osborne, Mo., sold to C. J. Fuert, Jamison, Mo..... | 175 |
| Loralne, cow, owner T. J. Wornall & Son, Liberty, Mo., sold to S. A. Bixler, Corning, Iowa..... | 165 |
| Mary of Elderlawn, yellow ribbon at this year's Royal, cow, owner T. K. Tomson & Sons, Dover, Kans., sold to F. G. McKenzie, Colorado, Tex..... | 200 |
| Glenwood Ramona 2d, cow, owner C. S. Nevius, Chiles, Kans., sold to H. F. Brown, Minneapolis, Minn..... | 130 |
| Hedgwood Blondine, cow, owner W. A. Forsythe, Greenwood, Mo., sold to L. Woolf, Green Valley, Mo..... | 75 |
| Butterfly of Rocky Hill, cow, owner J. F. True & Sons, Perry, Kans., sold to J. F. Stoddard, Burton, Kans..... | 205 |
| Miss Orange, cow, owner H. R. Clay, | |

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| Scanlon, Fleming, Mo., sold to Geo. Bothwell, Nettleton, Mo..... | 190 |
| Rose of Wood Dale, cow, owner H. R. Clay, Pittsburg, Mo., sold to F. Rockefeller, Belvidere, Kans..... | 185 |
| Golden Drop 8th, a Scotch 11-months heifer calf, owner F. E. Kellogg, sold to F. Clark, Kansas City, Mo..... | 150 |
| Butterfly 52d, cow, owner F. E. Kellogg, sold to F. Clark, Kansas City, Mo..... | 235 |
| Butterfly of Valley Grove 8th, cow and calf, owner J. F. True, Newman, Kans., sold to H. W. McAfee, Topeka, Kans..... | 230 |
| Grove Hill Beauty 16th, cow, owner Powell Bros., Lees Summit, Mo., sold to F. Rockefeller..... | 200 |
| Bapton Countess, cow, owner W. A. Forsythe, Greenwood, Mo., sold to H. F. Brown, Minneapolis, Minn..... | 200 |
| Oakland Orange Blossom, 5th, cow, owner H. R. Clay, Plattsburg, Mo., sold to P. T. Gordon, Liberty, Mo..... | 175 |
| Lady Dillenbeck, cow, owner T. J. Wornall & Son, sold to J. D. Robinson, Fairport, Mo..... | 200 |
| Aldrie Duchess of Oaks, cow, owner Sam'l W. Roberts, Pleasant Green, Mo., sold to S. E. Wernell, Kansas | |

Sleeplessness

Is akin to insanity. Many a woman realizes this as she lies awake hour by hour, peeping the darkness with phantoms, starting at the creaking of the bed or the rustle of the bedclothes.

Such symptoms in general point to disease of the delicate womanly organs, and a constant drain of the vital and nervous forces. This condition cannot be overcome by sleeping powders. The diseased condition must be cured before the consequences of disease are removed.

Dr. Pierce's Favorite Prescription cures the womanly diseases which cause nervousness and sleeplessness. It is the best of tonics and invigorants, nourishing the nerves, encouraging the appetite and inducing refreshing sleep.

\$500 Reward for Women Who Cannot be Cured.

Proprietors and makers of Dr. Pierce's Favorite Prescription now feel fully warranted in offering to pay \$500 in legal money of the United States for any case of Leucorrhoea, Female Weakness, Prolapsus, or Falling of Womb, which they cannot cure. All they ask is a fair and reasonable trial of their means of cure.

"My wife was sick for over eight years," writes Albert H. Fulte, Esq., of Altamont, Grundy Co., Tenn. "She had uterine disease and was treated by two physicians and got no relief. At last I read about Dr. Pierce's medicines and we decided to try his 'Favorite Prescription.' I sent to the drug store and got one bottle and the first dose gave ease and sleep. She had not slept any for three nights. Being sure that it would cure her I sent for five more bottles and when she had taken the sixth bottle she was sound and well."

Dr. Pierce's Pleasant Pellets should be used with "Favorite Prescription" whenever a laxative is required.

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|---|-----|
| City, Mo..... | 105 |
| Cragg Duchess Airdrie 16th, cow, owner Sam'l W. Roberts, Pleasant Green, Mo., sold to J. H. Smith, Troy, Kans..... | 55 |
| Baron's Choice 179637, bull, a Royal yellow ribboner, owner H. C. Duncan, Osborn, Mo., sold to E. T. Wetzel, Guthrie, O. T..... | 120 |
| Airdrie Lad 178293, bull, owner F. M. Marshall, Blackwater, Mo., sold to Dr. J. F. Robinson, Nevada, Mo..... | 260 |
| Blondine 9th, cow and calf, owner Powell Bros., Lees Summit, Mo., sold to J. A. Gifford, Beloit, Kans..... | 226 |
| Queen of Shannon 16th, cow and calf, owner W. A. Forsythe, Greenwood, Mo., sold to J. A. Gifford, Beloit, Kans..... | 260 |
| March On 163976, bull, owner Daniel Donnakell, Appleton City, Mo., sold to Beam Bros., Newkirk, O. T..... | 225 |
| Norwood Rose 6th, cow, owner T. K. Tomson, Dover, Kans., sold to F. R. Kingswinger, Gilman, Iowa..... | 210 |
| Rosebud of Riverside, cow, owner C. F. Wolf, Ottawa, Kans., sold to Ralph Crayton, Crayton, Mo..... | 150 |
| Blondine 13th, cow, owner Powell Bros., Lees Summit, Mo., sold to Marshall Bros., Burden, Kans..... | 110 |
| Butterfly of Valley Grove 9th, cow, owner J. F. True & Sons, Perry, Kans., sold to H. W. McAfee, Topeka, Kans..... | 160 |
| Goldonrod's Duke 16572, bull, owner U. S. Miller, Pulaski, Iowa, sold to O. E. Nickel, Cheyenne, Kans..... | 145 |
| Gazell, cow, owner F. M. Marshall, Blackwater, Mo., sold to J. D. Hayes, Goldby, Kans..... | 100 |
| Lady Wild Eyes, cow, owner E. S. Myers, Chanute, Kans., sold to E. T. Litton, Walker, Mo..... | 85 |
| Roan Beauty, cow, owner R. A. Ford, Lawson, Mo., sold to Jas. L. Root, Kansas City, Mo..... | 85 |
| Maggie Murphy, cow, owner H. A. Barber, Windsor, Mo., sold to M. K. Conklin, Asbury, Mo..... | 105 |
| Barmton Victor 11th 208516, owner H. R. Clay, Plattsburg, Mo., sold to J. R. Young, Savenburg, Kans..... | 55 |
| Glendale Craggs, cow, owner C. S. Nevius, Greenwood, Kans., sold to O. E. Nichols, Cheyenne, Kans..... | 105 |
| Fairy Kirklevington 3d, cow, owner McConnell Bros., Kearney, Mo., sold to F. Rockefeller, Belvidere, Kans..... | 150 |
| Eulala 7th, cow, owner Powell Bros., Lees Summit, Mo., sold to F. Rockefeller, Belvidere, Kans..... | 150 |
| Rose Sterne 7th, cow, owner T. K. Tomson & Sons, Dover, Kans., sold to O. E. Nichols, Cheyenne, Kans..... | 185 |
| Kirklevington Duke of Excelsior 17461, bull, owner Jas. McConnell, Kearney, Neb., sold to Rhodes Bros., Wellsville, Kans..... | 100 |
| Kate Fields 16th, cow, owner A. M. Ashroft, Atchison, Kans., sold to J. D. Hayes, Goldby, Kans..... | 100 |
| Browtheer 206655, bull, owner Kellogg Stock Farm Co., sold to W. E. Gates, Sheridan, Mo..... | 205 |
| Mary Hart 2d, cow, owner S. S. Shelby, Westport, Mo., sold to J. M. Jones, Dodson, Mo..... | 155 |
| Tabulator 205749, bull, owners Hanna & Co., Howard, Kans., sold to J. A. Rankin, Tarkio, Mo..... | 150 |
| Barmton Rose, cow, owner E. S. Meyers, Chanute, Kans., sold to J. R. Young, Savenburg, Kans..... | 105 |
| Graggs of Blackwater, cow, owner F. M. Marshall, Blackwater, Mo., sold to J. F. Robinson, Nevada, Mo..... | 175 |

SUMMARY.

| | |
|-------------------------|------------|
| 15 bulls brought..... | \$3,045.00 |
| Average..... | 203.00 |
| 50 cows brought..... | 9,185.00 |
| Average..... | 183.30 |
| 65 animals brought..... | 12,230.00 |
| General average..... | 187.74 |

AMERICAN ROYAL CHAMPIONS.

1903.

- HEREFORDS- Grand champion male, Onward 4th, Jas. A. Funkhouser, Plattsburg, Mo.
Grand champion female, Rosalie, W. S. Van Natta & Son, Fowler, Ind.
SHORTHORNS- Grand champion bull, Ceremonious Archer, F. W. Harding, Waukesha, Wis.
Grand champion female, Village Belle 2d, D. R. Hanna, Ravenna, Ohio.
GALLOWAYS- Grand champion bull, Imported Worthy 3d, C. E. Clarke, St. Cloud, Minn.
Grand champion female, Dainty of Wavertree, C. E. Clarke, St. Cloud, Minn.
ANGUS- Grand champion male, Juba of Morlich, Chas. H. Gardner, Blandinsville, Ill.
Grand champion female, Vala, Chas. H. Gardner, Blandinsville, Ill.

1902.

- HEREFORDS- Grand champion male, March On 6th, J. A. Funkhouser, Plattsburg, Mo.
Grand champion female, Queenly, W. S. Van Natta & Son, Fowler, Ind.
SHORTHORNS- Grand champion male, Choice Goods, George M. Casey, Clinton, Mo.
Grand champion female, Ruberta, George M. Casey, Clinton, Mo.
GALLOWAYS- Grand champion male, Druid of Castlemilk, O. H. Swigart, Champaign, Ill.
Grand champion female, Gentle Annie A., E. H. White, Estherville, Iowa.
ANGUS- Grand champion male, Juba of Morlich, Charles H. Gardner, Blandinsville, Ill.
Grand champion female, Vala, Charles H. Gardner, Blandinsville, Ill.

1901.

- HEREFORDS- Grand champion male, Dandy Rex, Gudgell & Simpson, Independence, Mo.
Grand champion female, Betty 2d, Overton Harris, Harris, Mo.
SHORTHORNS- Grand champion male, Golden Victor, George Harding & Son, Waukesha, Wis.
Grand champion female, Ruberta, J. G. Robbins & Sons, Horace, Ind.
GALLOWAYS- Grand champion male, Muscosus 3d, E. H. White, Estherville, Iowa.
Grand champion female, Semiramis of Jackson, C. N. Moody, Atlanta, Mo.

1900.

- HEREFORDS- Grand champion male, Perfection, Thomas Clarke, Beecher, Ill.
Grand champion female, Mischief Maker, Gudgell & Simpson, Independence, Mo.
SHORTHORNS- Grand champion male, Lavender Viscount, C. E. Leonard, Bellair, Mo.
Grand champion female, Ruberta, J. G. Robbins & Sons, Horace, Ind.

1899.

- HEREFORDS- Grand champion male, Dale, F. A. Nave, Attica, Ind.
Grand champion female, Dolly 5th, F. A. Nave, Attica, Ind.

AMERICAN ROYAL PRIZES WON BY EXHIBITORS OF BREEDING STOCK.

HEREFORD DIVISION.

Table with columns for exhibitor names and sweepstakes counts (1-13). Includes names like J. A. Funkhouser, O. Harris, W. H. Curtice, etc.

SHORTHORN DIVISION.

Table with columns for exhibitor names and sweepstakes counts (1-13). Includes names like F. W. Harding, D. R. Hanna, T. J. Wornall, etc.

ABERDEEN-ANGUS DIVISION.

Table with columns for exhibitor names and sweepstakes counts (1-8). Includes names like C. H. Gardiner, W. A. McHenry, Parrish & Miller, etc.

GALLOWAY DIVISION.

Table with columns for exhibitor names and sweepstakes counts (1-8). Includes names like Brookside Farm Co., C. E. Clark, J. E. Bales, etc.

HORSE DIVISION.

Table with columns for exhibitor names and sweepstakes counts (1-3). Includes names like McLaughlin Bros., J. Crouch & Son, J. W. & J. C. Robison, etc.

MULE DIVISION.

Table with columns for exhibitor names and sweepstakes counts (1-3). Includes names like W. A. Elgin, Alonzo Bates, H. H. English, etc.

Summary of American Royal Sale.

The sales of cattle in connection with the American Royal Live-stock Show of 1903 are summarized in the statistical matter here submitted. The averages of the four breeds participating are here shown:

Table showing averages for Herefords, Shorthorns, Galloways, and Angus, categorized by Bulls, Cows, and General.

Table showing totals for Herefords, Shorthorns, and Galloways, categorized by No., Value, and Average.

Table showing totals for Herefords, Shorthorns, and Galloways, categorized by No., Value, and Average.

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Advertisement for Electric Handy Farm Wagons, featuring an illustration of a wagon and text describing its features and availability.

of pure-breds, or nearly 50 per cent of the combined number sold by the four breeds, went to the latter section. Last year Kansas purchased 106 head, or 33-1-3 per cent of all offerings.

Table showing the number of head of sale cattle bought at the past three Royals by various States, categorized by Herefords, Short, Gal, Ang, and Tot.

Table showing the number of head of sale cattle bought at the past three Royals by various States, categorized by State and Year (1903, 1902, 1901).

The American Royal Fat Stock and Feeder Awards.

One of the great features of the American Royal to-day is the number of fat and feeding cattle that are exhibited as a part of it. This feature of the Royal was insignificant at first but has developed to such an extent that the show held last week included about 100 cars of fat and feeding stock that were entered for the various prizes.

The exhibits were so many that the judges had difficulty in deciding upon the merits of the various contestants. In this show were fifty-two loads of (Continued on page 1132.)

Where the Cattle Went.

At the Royal sales of the four breeds in 1902 Kansas purchased more animals than did any other State, but this year the Sunflower State has been forced to second place by Missouri, for 148 head

Large advertisement for Globe Stock Food, featuring a globe logo and text: '20 PER CENT SAVED BY USING GLOBE STOCK FOOD WHEN FEEDING CATTLE OR HOGS. It has been proven that a steer absorbs only 60 per cent of the nourishment in his food. By giving him GLOBE STOCK FOOD with his rations, he will absorb 80 per cent of the nourishment in his food. Won't that make an extra gain? Of course it will, and costs less than 17 cents per month per steer. O. ROBINSON & CO. Kansas City, Mo. Des Moines, Iowa'

The Young Folks.

CONDUCTED BY RUTH COWGILL.

DOING HIS BEST.

It somehow seems little enough when you say
That a fellow "is doing his best."
It means that he toils and he hopes day
by day
That heaven will attend to the rest.
He is jostled aside by the hurrying crowd;
Unsought by the lonely; forgot by the
proud.
He earns what he gets, and no more is
allowed
To the fellow who's "doing his best."
But whenever a crisis arises, we look
To the man who is doing his best.
The prince with his splendor, the sage
with his book,
Full of fall to answer the test.
And when there's a home or a country
to serve
We turn to the man with the heart and
the nerve,
The man whom adversity's touch could
not swerve,
The man who kept doing his best.

Her Triumph.

H. E. BURTON.

In a secluded spot surrounded by natural forests, with one double window commanding a view of the clear, sparkling river, its ample porch facing the quiet little village, stood the residence of Mrs. Robert Van Cleve. It had a desolate appearance, and yet there were signs of peace and comfort about the place. Its lonely situation might have been the choice of the mother for rearing her children. At all events it was the home of Mrs. Van Cleve and her two children, a daughter 16 and a son 11 years old.

The place was quite old, the orchards gone to ruin. The once fine drives were grass-grown and showed the need of man's care about the premises. The father had died when the children were 7 and 2 years of age. The mother had been kind and true to her children, almost too indulgent for their own good. The daughter was an art student. The room with the double window was her studio. She was of very little help in the home, and lived in a sphere of her own, the mother parting with her company much of the time that she might acquire an education.

An uncle had volunteered to put her in an art school in New York City as soon as she had graduated at home.

At length, the daughter received the coveted education, and returned home. It was very dull in this quiet spot, in spite of the mother's sacrifices for her pleasure. She escorted her mother in her calls among the sick and poor. Frequent were the visits to the county infirmary, cheering the inmates with pictures and papers. There were woods and pastures, with birds and flowers, but the daughter was discontented. Nothing pleased her, and she wondered that her mother could be so happy in the society of these simple folk.

It grated against her ambitious spirit. She chafed at her surroundings, not so much because she was lonely and longed for pleasant companionship, for friends to love, for opportunities to do good, as that her proud, imperious nature longed for continual admiration and praise. She seemed not to care whether any one really loved her, provided she could be envied and flattered.

When winter began she moped and sulked, and fancied herself the most unhappy girl in the world, until in December an invitation came from her uncle in New York, urging her to spend the winter in that city. She was delighted. She did not ask herself whether her mother and brother might not be lonely in her absence, nor did she for a moment suspect that her mother had written her uncle requesting the invitation. She was simply overjoyed to leave the village and to think that new dresses and invitations to parties awaited her.

Even in New York she was not quite happy. The society in which she was thrown was political, and young ladies were honored quite as much because of their fathers' positions as for their own grace and beauty. It was mortifying to see Miss Maud Nuesbaum leading the contra dance, just because, as she told her jealous

heart, Miss Nuesbaum's father was a great man.

No one had heard of Robert Van Cleve, and she asked herself with tears in her eyes why her father had not done something to render himself famous and confer distinction upon his family.

She returned home more discontented than ever. Her mother and brother greeted her gladly. They had employed themselves during her absence making alterations in the house which might please her fancy. Her mother proposed to invite Miss Nuesbaum to pass the summer with her. She declined the offer ungraciously and met all efforts for her pleasure with an ungrateful manner, a twitch of the nose or curl of the lip. Her mother was very gentle and did not reprove her, but seemed silently trying to find the way to her daughter's heart. There was tender yearning in the furtive way in which she watched her, a flush of the cheek whenever she chanced to bestow a careless caress.

The mother was not strong, but went into society more than formerly and the daughter could not help noticing when she entered a drawing-room that there was a lull in the conversation and people looked at her mother admiringly. The thought struck her, why could not her mother be great, with some high-sounding title? There are many famous women, and some have had audience with the king.

"Mother," she asked one day as they conversed together, "why don't you do something so that people will call you great?"

She looked at her daughter with a sad sweet smile.

"If I became great, I would need great preparation. I would need a daughter that could take the household cares; perhaps I would have to leave the home, bid farewell to my children. Daughter, if I became great, perhaps I could not take you with me. How would you like to be left behind?"

She exclaimed, thoughtlessly, "I should hear people praising you and so would all the girls; and I could hold up my head with any of them."

"And you would not mind, if I left you the care of your brother, to spend my days in the presence of the king?"

"If you did, could you not find some way for us to join you?"

"And give up New York? Are you sure you would care to?"

"Yes, and to prove it I'll not leave you this winter. I am afraid I have been a selfish daughter. I will give up New York if you wish it."

"No, no, the sacrifice would be great. You are acquiring fame in your art, with patience you may become great and stand in the presence of a king. Moses was forty years being educated and another forty in exile, before the Lord felt he was prepared to lead the children of Israel into the promised land, and then, was only permitted to view the land in punishment for his impatience at the waters of Meribah."

As the daughter was leaving for another winter with her uncle, her mother took her hand and spoke hurriedly:

"Daughter, one last word: If I should be called to meet the King—I know you love me, child, but don't grieve—I'll send for you. Be glad of my triumph."

The daughter was delighted! Was it possible that her mother was keeping a secret to surprise her some day? She kissed her often, and sprang into a carriage, waving her hand.

The letters which came to her were touching and tender; brief however, and infrequent. Occasionally a sentence like this, "And he that overcometh and keepeth my works unto the end, to him will I give power over the Nations."

One stormy day, while listening to the moan of the wind, she was a little homesick, and fell to singing:

"How many times discouraged,
I sink beside the way"—

As she finished she began with,

"My home is in heaven,
My home is not here."

These songs were favorites of her mother. She was interrupted by the mail-carrier, who handed her a letter. She hardly recognized the cramped, trembling hand, as her mother's.

"My Dear Daughter:—The message has come at last. I have not long to wait. The test has been severe.

'About me all was darkness,
I hardly dared to pray.'

"But now I am happy, I never more will be alone, but in the presence of the King. Do not be long. I hope to bid you good-bye—my time is not my own. You will be proud to know I have gained the triumph. I am so happy. Your loving Mother."

Her uncle said, "You must go at once." She hurriedly prepared for her journey only thinking how proud she would be of the homage she would receive.

She thought it strange no one was at the station to meet her. As she opened the gate, her brother gently touched her on the arm, and said: "Mother has gone." She did not realize what he was saying, until she stood upon the steps and noticed a long scarf of crape which hung from the knob.

"Gone!" The awful force of the words struck the girl. It seemed she could not be comforted; her grief was intensified by remorse.

"When daughter comes." Her mother had said: "Tell her this book will guide her to the King of Kings."

She became Christlike, taking up her mother's work; she was endeavoring to serve her King. She loved her brother dearly. He also served the King. In the little old-fashioned sitting-room hangs one of the most beautiful of paintings, her mother's portrait. The eyes follow you in all directions.

The mother had found the daughter's heart, in return she had given it into the King's keeping. The inspiration she receives reveals itself in her pictures, making her truly great.

For the Little Ones

THE HILL OF CELLAR DOOR.

I know a hill not far away
Where children always love to play.
The hill is straight and smooth and low;
For little folk 'tis better so.

The coasting there is very nice,
Without the cold of snow and ice;
You slide in summer, fall or spring,
But need not bother sleds to bring.

It is the safest hill I've found;
Sometimes you tumble to the ground,
But 'tis not far you have to fall
And would not hurt a child at all.

It's very near your home, and so
Your mother'll always let you go,
For then she knows you're right near by
And she can hear you if you cry.

So up you scramble, down you slide,
And oh, you have a jolly ride!
You always want to play some more
Upon the Hill of Cellar Door!

—Washington Star.

The Ten Little Helpers.

This is the story I heard a kindergarten teacher telling the children:

"Once there was a little girl named Carlotta who had no mother and no brothers nor sisters. She had a father but he was busy all day long working out in the fields. Carlotta had to do all the work in the house, for there was no one else to do it. There was the sweeping and the cooking and the dishwashing—oh! there were ever so many things to do, and she sometimes grew very tired. One day she was so tired and so discouraged trying to do so much all by herself, that she just dropped her broom and sat down on the floor and cried.

"Presently she heard a very sweet voice saying, 'What is the matter little girl? Why do you cry?' and looking up she saw a sweet little fairy.

"Oh," cried Carlotta, 'I can't get all this work done alone.'

"You need not do it alone," said the fairy. 'I will send some little men to help you.' And then she was gone.

But here came the little men. First came two short, fat little fellows and then two straight little men with pointed hats on their heads. These four began at once sweeping, and dusting, and washing dishes. Then two more came—tall, slim men, who began to sew and mend. Then there were two shorter ones and two tiny tender ones, and they all went to work with a will, and the house was all clean and neat in a little time. Soon the fairy came again.

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CHICAGO



"Did my little men help you?" she asked Carlotta.

"Oh, yes, indeed," answered Carlotta. "They are excellent helpers. But now you will take them away and I never can get my house cleaned up again."

"No, I will not take them away," said the good fairy. "I will put them where they will always help you. Hold up your hands, Carlotta—both hands."

"Carlotta did as she was told, with all her fingers spread out.

"Then the fairy picked up the two short fat little men who had come first and put them into Carlotta's thumbs, and the two straight ones with pointed caps into the fingers, and the two tall ones into the long fingers, and the shorter ones into the third fingers, and the tiny, tender ones into the little fingers. Then Carlotta clapped her hands together and danced for happiness.

"Now the little men will help me every day," she said.

"And she never cried again because she could not get her work done. The ten little men were always her good little helpers."

The Brightest Light.

The cleanest, strongest, steadiest, (made on the cold blast principle,) the one which does not leave you in the lurch by blowing out, comes from

Gold Blast DIETZ LANTERNS.

They are the most convenient lanterns made. You never remove the globe for filling, trimming or lighting. There is no chance for accidents with them. Then there's satisfaction in knowing the lantern you carry is not the dim, quivering, smoking kind. Learn how and why they are better than others by writing us for free lantern book. You can make your choice from many. Then see that your dealer gets it for you.

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The Home Circle.

CONDUCTED BY RUTH COWGILL.

PEOPLE WILL TALK.

(By Request.)

You may get through the world, but 'twill be very slow
If you listen to all that is said as you go;
You'll be worried and fretted and kept
in a stew,
For meddlesome tongues must have some-
thing to do—
And people will talk.

If quiet and modest you'll have it pre-
sumed
That your humble position is only as-
sumed,
You're a wolf in sheep's clothing, or else
you're a fool,
But don't get excited—keep perfectly
cool—
For people will talk.

And then if you show the least boldness
of heart,
Or a slight inclination to take your own
part,
They will call you an upstart, conceited
and vain;
But keep straight ahead; don't stop to
explain—
For people will talk.

If threadbare your dress and old-fashioned
your hat,
Someone will surely take notice of that,
And hint rather strong that you can't pay
your way;
But don't get excited, whatever they say—
For people will talk.

If your dress is in fashion, don't think
to escape,
For they criticise then in a different
shape—
You're ahead of your means, or your
tailor's unpaid;
But mind your own business, there's
naught to be made—
For people will talk.

Now the best way to do is to do as you
please,
For your mind, if you have one, will then
be at ease.
Of course, you will meet all sorts of
abuse;
But don't think to stop them—it's not
any use—
For people will talk.

Domestic Work an Art, Not Drudgery.

MRS. MAY RANLETT, OSAGE CITY.

Carlyle, says, "All true work is sac-
red. In all true work, were it but
true hand labor, there is something of
divineness. Labor, wide as the earth,
has its summit in Heaven."

Domestic work is work done in or
around the house or home. Art is
principles of science practically car-
ried out, and its result shows much of
skill or dexterity, be it manual or men-
tal. The several arts may be arranged
in two groups, (1) the mechanical, and
(2) the liberal or fine arts. The me-
chanical arts are those which may be
successfully followed by one who does
not possess genius but has acquired
the faculty of working with the hands
with the skill which long practice im-
parts. Under this head, then, should
come our domestic work. The liberal
or fine arts are such as give scope,
not to manual labor alone, but to ge-
nius; as painting, music, etc.

A servant is one who labors for an-
other; the term usually implies the
idea of one who performs certain duties
or offices for another, according to an
agreement. The term drudge implies
drudgery. A drudge performs menial
work—tolls hard and receives but lit-
tle reward in return. Then how can
we apply the term "drudgery" to
housework, when we are receiving
so much in return for faithfully fur-
filling our duties in the home? So
much depends upon the atmosphere
and workings of the home and its in-
fluence is felt by every one in it.
Whether it is for good or bad will be
shown by those coming from it; either
they shed sunshine or cast a gloom
over all whom they meet. This art
must be appreciated by the mistress in
the home before it can be communi-
cated to the daughter or the servant.

The idea was once held that any girl
could make a success as a domestic
regardless of her education; but it has
been demonstrated that a girl though
not taught domestic science, with a
good common education, finds the art
sooner and is more of a success than if
uneducated; as she, through her books,
has discovered the need of scientific
cooking and especially its influence in
promoting good health; also the value
of cleanliness and the need of remov-
ing dust and dirt, the presence of
which causes many diseases.

When she can be made to realize
these facts, better results in domestic
work will follow. She will not feel
when told by the mistress to do so

and so that it is a whim of hers, or
that she is being imposed upon by be-
ing asked to do what she could not
see was necessary. So, when we find
that our help has not ascertained
through books the knowledge she
should have of domestic work, we
ought to take great pains to explain
the why and wherefore of cleanliness;
that it is not for you alone that you
ask it, but that it is fulfilling the laws
of health and must be followed or that
terrible disease, dyspepsia, is sure to
follow. Have you taught your help
that it means much to make a success
of domestic work, that it is something
to be proud of to be left in sole charge
of a lady's home and family when she
is away?

We must realize the art ourselves
before we can transmit it to anyone.
If every mother could feel the neces-
sity of and teach her daughter domes-
tic work at home, many homes would
be benefited by it. Besides, mothers
would be saved the struggle later on
of keeping the daughters at home,
when, because of not having been
taught the love of home and domestic
work, they feel no interest there.

Years ago it was thought that a
mother had done her duty when she
had sent her children to school with
face and hands clean and "on time."
But the mother of to-day realizes that
there are other duties she must attend
to; that in these days of a multitude
of foods she must see that her children
have the right kind, well cooked for
breakfast, that they may be in a bet-
ter mood for learning. Many a child
at school, cross and stupid, is suffer-
ing from the effects of ill-cooked food
which his stomach is trying to digest.
It is maintained that the liquor habit
has in many cases been established
by acting as the stimulant of a de-
ranged stomach, the effect of unsub-
stantial, ill-cooked food. I once heard
a lady say she heard Henry Ward
Beecher declare that "there was more
good sound religion in a well-cooked
beefsteak and a dish of mashed pota-
toes than in a peck or sermons."

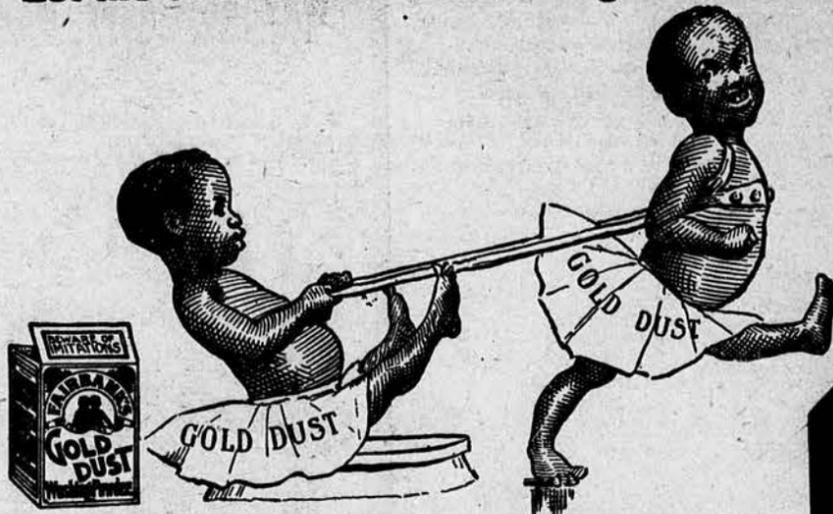
A neighbor last summer taught me
something of the possibilities of art in
domestic work. I imagine that work
not perfectly done has the same influ-
ence over her that wrong lines in a
picture have to an artist, whose desire
is to correct the effect for art's sake
rather for the sake of the artist. Any
piece of fancy-work poorly ironed or
a dress faded unnecessarily would al-
ways bring out the remark, "Let me
take them home and do them right for
you." Everything she touched was
made beautiful.

Knowing I was not well, one Satur-
day morning she sent her 12-year-old
daughter to help me. I dreaded it, as
you all know what a task it is to di-
rect a child when ill yourself. But her
first work that morning convinced me
that she had been taught housework.
The groceryman had broken the sack
of sugar and it was slowly sifting out
on the gasoline stove and down on the
floor. She noticed it without being
told, and but few experienced women
could have done that job as system-
atically as she did. It was a pleasing
experience to me to watch her work
that morning.

Housework was an art to that child's
mother and she was teaching her
daughter. I have often remarked that
I would rather be able to make such
a success of domestic work as she
did than to be considered the bright-
est woman in the State. In our con-
versation, when she would express a
wish to do greater work than she
thought housework, I would tell her
she need not wish for any greater art
than being able to make perfect every-
thing that came under her fingers,
which was an accomplishment to be
envied by all.

At a recent club meeting a very ear-
nest discussion was held on how, as
mothers, we might by some means be
able to influence the young girls of
the ages of from 12 to 14 before it is
too late, and keep them from loafing
around the small depots, attracting the
attention of the boys and men. It was
argued that lack of love for home was
the reason. Just think of it! Lack
of love for the most essential thing
in the world, love for mother, father,

"Let the GOLD DUST TWINS do your work"



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is play for The Gold Dust Twins.

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cleans more thoroughly and quickly than soap
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cleansing bath room, pipes, etc., and making the finest soft soap.

Made by THE N. K. FAIRBANK COMPANY, Chicago—Makers of FAIRY SOAP.

GOLD DUST makes hard water soft

brother, sister, and home. But our
girls should be taught from childhood
love for domestic work and that it
can be made an art. Who can deny
that there is art in dishwashing and
in setting the table? And how many
steps this one task saves the mother.
Even a child of five can learn the
art in this if allowed. My little daugh-
ter at that age always found great en-
joyment in preparing the table, and
there must be a bouquet in the center
of the table if only of wild flowers. I
shall never forget her busy little fig-
ure as it fitted back and forth, talking
all the time of the work she should do
when she grew older. This was the
beloved idea: "To get the breakfast
for my father and bake his cakes." Can
any one convince me that love for
home and mother, established at
this age simply by duty done, and by
encouraging this love—that this child,
had she been allowed to stay with me,
could have been led away from home
influences, and caused her mother's
heart to ache as many a daughter has
done? Teach the girls that being able
to do well all things with the hands
is of more value than fine personal
appearance and bodily attractions.

The discovery that the hands need
to be educated along with the mind
led to the establishing of manual
training schools. This is not learning
a trade, but preparing a boy for a
trade. It is hoped that the influence
of manual training is going to send
the boy back to the farm. Domestic
science is expected to do for the girls
what manual training does for the
boys. It should teach them love of
domestic work and the home.

One thing that we have to contend
with in doing domestic work is the
difficulty of keeping the mind under
control, as this work is such a repeti-
tion day after day. We should give
the mind good thoughts while em-
ployed with the day's work, and never
allow ourselves to brood over some ill-
spoken word or unkind deed of ano-
ther. If something unpleasant has taken
hold of your mind, try to crowd it out
by quoting poetry, making up a pleas-
ant story, or building a house in imag-
ination. You will then wonder why
the unpleasant tasks are diminishing
so rapidly. The love of the Bible and
its teachings should go hand in hand
with work. The Bible in the home is
the remedy for all trouble. The home
is many times rendered unhappy by
lack of mutual understanding between
its members.

The help, man or woman, should be

considered members of the family.
Members of a home should feel that
they are all unitedly working under
the same Master. In conclusion, I
find the following lines appropriate:

"Not understood! How many hearts are
aching
For lack of sympathy! Ah, day by day,
How many cheerless, lonely hearts are
breaking,
How many noble spirits pass away
Not understood."

"O God! that men would see a little
clearer;
Or judge less heartless when they can
not see.
O God! that men might draw a little
nearer
To one another. They'd be nearer Thee,
And understood."

Club Department

OFFICERS OF STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. Cora G. Lewis, Kinsley
Vice-Pres....Mrs. Kate E. Atlington, Council Grove
Corresponding Sec'y...Mrs. Eustice H. Brown, Olathe
Recording Secretary.....Mrs. F. B. Hine, Kinsley
Treasurer.....Mrs. J. T. Willars, Manhattan
Auditor.....Mrs. D. W. Wilder, Hiawatha
State Secretary for General Federation.....
.....Mrs. C. C. Goddard, Leavenworth

Our Club Roll.

Mutual Improvement Club, Carbondale,
Osage County (1895).
Give and Get Good Club, Berryton,
Shawnee County (1902).
Woman's Literary Club, Osborne, Os-
borne County (1902).
Ladies' Reading Club, Darlington
Township, Harvey County (1902).
Woman's Club, Logan, Phillips Coun-
ty (1902).
Domestic Science Club, Osage, Osage
County (1888).
Ladies' Crescent Club, Tully, Rawlins
County (1902).
Ladies' Social Society, No. 1, Minne-
apolis, Ottawa County (1888).
Ladies' Social Society, No. 2, Minne-
apolis, Ottawa County (1889).
Ladies' Social Society, No. 3, Minne-
apolis, Ottawa County (1891).
Ladies' Social Society, No. 4, Minne-
apolis, Ottawa County (1897).
Challitso Club, Highland Park, Shaw-
nee County (1902).
Cultus Club, Phillipsburg, Phillips
County (1902).
Literature Club, Ford, Ford County
(1903).
Sabean Club, Topeka, Shawnee Coun-
ty, R. R. No. 2 (1903).
Star Valley Woman's Club, Iola, Allen
County (1902).
West Side Forestry Club, Topeka,
Shawnee County, R. R. No. — (1903).
Fortnight Club, Grant Township, Reno
County (1903).

The Osage County Federation.

There are many State federations of
clubs, and in this State there are sev-
en district federations; but there is
but one county federation and that is
in Osage County. It was my pleasure
to attend the annual meeting of the
Osage County Federation of Women's
Clubs, recently, at Burlingme. It
began on Friday afternoon, October

23, and closed with a banquet Saturday noon.

There are in this federation seven clubs, two of which are country clubs. There was a most interesting program, a part of which I carried away, in order that they might have the wider audience of the KANSAS FARMER readers. One article appears in the Home Circle, where I put it because I wanted those who are not club women, to have the benefit of reading it. The other will appear next week. These papers controvert the sneer sometimes heard that club women study only abstract subjects at the expense of their homes. I think every woman who heard them went home with a higher ideal of home and home-making, as well as some practical ideas to work out for the comfort and well-being of her family.

Mrs. Garvey, of the State Federation, and known to very many of the club women in the State, took a very lovely part on the program. Her paper, called "Slumber Songs, Illustrated," told us the story of mother-love, the same through all the ages and in all climes, and the various lullabies she sang to us in illustration brought the tears to our eyes by the paths of their simplicity. I think we were better and sweeter women for the half-hour which passed so swiftly.

Everywhere we were reminded that first of all we were home-makers. And this is as it should be. The club must always be a help, not a hindrance, toward our great business in life, making a happy abiding place for our boys and girls, and rearing in them good citizens of the world.

The Chautauqua.

In order to learn more definitely than I already knew about the Chautauqua course of study which many clubs have found helpful, I wrote to Mrs. B. T. Vincent, National president of the Chautauqua Woman's Club. She replied very cordially, expressing her interest in the country-club movement. I quote a part of her letter:

"I think the clubs in the country throughout our land are doing a great deal for farmers' wives in relieving the monotony of their lives and in encouraging social and intellectual effort.

"I know of no course of study that I can so highly recommend for clubs. In the first place it is all comprehensive; in the second, it is all planned out and ready, no time need be wasted

in deciding what to do. I most heartily commend it to you and hope you may succeed in introducing the reading to all the Kansas country clubs."

This course, like the Bay View course described a few weeks ago, is arranged for four years' study. It is "for busy people, who would like to be broad-minded and intelligent, but who are bewildered by the mass of literature constantly thrust upon their attention. It introduces the reader each year to some of the greatest makers of the world's literature, thus helping him to form a taste for good reading and to escape the pitfalls surrounding people who try to keep up with the 'newest books,' regardless of their value.

"The Chautauqua course helps us to appreciate the significance of current events. We understand and enjoy our daily papers and weekly journals better because the broad view of modern history which the C. L. S. C. offers has given us a background which makes the news of the day intelligible to us.

"The four-years' course brings to those who have been denied college opportunities something of the college student's general outlook upon the world and life, and gives college graduates an opportunity to review the studies of earlier years. The circle is not a substitute for college either in its course of study or in its methods of work, yet its influence upon thousands of homes has been to awaken an interest in the higher education among young and old. Since its organization twenty years ago the C. L. S. C. has enrolled more than 250,000 members, of whom more than 40,000 have graduated from the four-years' course."

For this year the topic is America. Following is their outline of the study. Articles on these subjects to appear in their magazine, The Chautauquan, during the year:

1. The Racial Composition of the American People. John R. Commons.
 2. A Reading Journey through the Borderlands of the United States.
 3. American Sculptors and Their Art. William Ordway Partridge.
- The required books are:
1. Literary Leaders of America. Richard Burton.
 2. Provincial Types in American Fiction. Horace S. Fiske of the University of Chicago.
 3. Evolution of Industrial Society. Richard T. Ely of the University of Wisconsin.
 4. Geographical Influences in American History. Albert P. Brigham of Colgate University.

"The American Year in the C. L. S. C. always possesses peculiar interest for Chautauqua readers. However familiar we may seem to be with the history of our own country, it is always possible to approach the subject from new points of view. Events take place so rapidly that we need constantly to readjust ourselves to present-day conditions in order to understand the significance of the great movement of our times. The Chautauqua course will, as in years past, while taking a broad survey of certain historical facts, give special attention to peculiar phases of American life, character and conditions."

Following is their statement of the cost of the course for the year:

COST OF THE HOME READING COURSE FOR 1903-04.

| | |
|--|---------------|
| Literary Leaders of America..... | \$1.00 |
| Provincial Types in American Fiction..... | 1.00 |
| Evolution of Industrial Society..... | 1.25 |
| Geographical Influences in American History..... | 1.25 |
| Membership Book of Helps and Hints..... | .50 |
| The Chautauquan..... | 2.00 |
| Total..... | \$7.00 |
| Discount on complete year's course..... | \$2.00 |

Net price. Transportation prepaid.....\$5.00

Separate books and magazines will be furnished at prices quoted above.

The Chautauqua course of studies is known and used all over the United States. Every year there are assemblies, at which people, whether they have used the course or not, meet, and hear lectures from the best talent in the country. In Kansas there are several of these annual assemblies, and many people attend them, with great pleasure and profit.

State of Ohio, City of Toledo, Lucas County, ss.

Frank J. Cheney makes oath that he is the senior partner of the firm of F. J. Cheney & Co., doing business in the City of Toledo, County and State aforesaid, and that firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of Catarrh that can not be cured by the use of Hall's Catarrh Cure.

FRANK J. CHENEY.
Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.
(SEAL.)

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Notary Public.
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The Veterinarian.

We cordially invite our readers to consult us whenever they desire any information in regard to sick or lame animals, and thus assist us in making this department one of the interesting features of the Kansas Farmer. Give age, color, and sex of animal, stating symptoms accurately, of how long standing, and what treatment, if any, has been resorted to. All replies through this column are free. In order to receive a prompt reply, all letters for this department should give the inquirer's post office, should be signed with his full name, and should be addressed to the Veterinary Department, Kansas Farmer, Topeka, Kans., or Dr. N. S. Mayo, Manhattan, Kans.

Corn-stalk Disease.—What causes cattle to die from feeding on fodder that is left standing on the field? Also please give the best treatment.

Cherryvale, Kans. A SUBSCRIBER.
 Answer.—I infer that you have reference to cattle dying when turned into the stalk-field. The disease is commonly known as corn-stalk disease, and is not thoroughly understood. It seems to be caused by a combination of acute indigestion associated with poisoning, either by some substance in the corn-stalk or from the absorption of ptomaine formed in the digestive system. The only treatment is preventive. Cattle should be turned on gradually, and never when empty and hungry. Green rye or other laxative food in the field is also a good preventive, as is alfalfa, either green or as hay. Cattle should be watered frequently and given small amounts of salt, or allowed free access to salt.

Swine Plague.—I have some hogs farrowed in May that have a severe cough. Will you please give a remedy?
 Stark, Kans. A READER.

Answer.—Your pigs evidently have an infectious pneumonia which is quite common among swine and is known as swine plague. If possible, shift your pigs to uninfected quarters, that are free from dust. Give them laxative food in the form of slops with some of the Government hog-cholera remedy recommended in last week's issue. Feed them but little, if any, new corn, and see that they have plenty of fresh water to drink.

Stifle.—I have a 3-year-old colt weighing about a thousand pounds, large and loose-jointed for his age. He is stifled. The stifle bone can easily be replaced but will not stay in. He has been this way ever since he was a colt.
 B. V. W.

Long Island, Kans.
 Answer.—This is a case of chronic stifle. The external ridge of the femur has probably been absorbed and I do not think there is any help for him. He may be able to do light work but can not pull a heavy load or travel on the road.

Diarrhea.—I have a driving mare 5 years old that whenever she is driven gets loose in her inside. I have tried various kinds of hay but nothing seems to do any good. Is there any remedy for it?
 G. M.

Hudson, Kans.
 Answer.—I infer that your mare scours or has a diarrhea when driven. If I am correct it is due to indigestion. There may be some chronic disease of the digestive organs that is the cause of the difficulty. If you can not correct it by judicious feeding you had better take her to a veterinarian and have her examined. See that her teeth are all right so that she can masticate her food properly. Do not give her any, or but little, water before driving her.

Paralysis in Pigs.—My shoats seem to be ailing; they eat heartily but their hind legs are weak when they try to walk, their toes turn back.

SUBSCRIBER.
 Answer.—Cut down their feed, giving them very little corn, but plenty of bran in slop or mash. Rub their backs over the loin and hips thoroughly once daily with a good liniment, until it begins to blister. Allow them some green alfalfa if possible.

Warts.—I have two steers that have warts on their necks. How can they be removed?
 T. J. B.

Answer.—A strong solution of chromic acid is excellent to remove warts. Sometimes keeping them well saturat-

ed with a mixture of one part of turpentine in five parts of castor oil will cause them to disappear.

Contagious Abortion.—Some of my creamery patrons have infectious abortion in their herds. Can you give us some information regarding it?
 Plainville, Kans. E. B. S.

Answer.—The following press bulletin of the Kansas Experiment Station will give you information regarding it:
INFECTIOUS ABORTION IN CATTLE.

Abortion is the expulsion of the offspring from the womb before it is developed enough to live. Abortion may be due to bad food, and especially the feeding of hay that contains ergot, which is a diseased grain found on wild rye or similar grasses. A lack of sufficient food, injuries, disease, purgative medicines or other strong drugs may also cause abortion. Whenever abortion occurs among cows and can not be traced to the above causes contagious abortion is to be suspected.

Contagious abortion is quite common and frequently causes serious losses among herds of breeding cows, not only from the loss of the young, but also because many animals that have aborted will fail to breed again.

Contagious abortion is caused by a germ or several germs, and the disease is transmitted from one animal to another by contact, or by means of the discharge from the vagina of an animal that has aborted, the after-birth, dead calf, etc. It also appears to be transmitted to healthy cows by a bull that has previously served a cow that has aborted. Infected food, water, stalls, trenches, posts, quarters, etc., may also be the means of spreading the disease.

Symptoms.—Cows may abort at any stage of pregnancy, but it usually occurs after the fourth month. There are few preliminary symptoms; the first thing usually noticed is that the cow has aborted, as shown by the presence of a fetal calf or the discharge of blood, mucus, etc., that soils the tail and adjacent parts. When contagious abortion occurs among a herd of cows, all animals with a discharge from the vagina should be regarded with suspicion as having probably aborted. In some cases the udder becomes distended, and the vulva is often swollen. When a cow is well along in pregnancy the signs of abortion are those of parturition.

Treatment.—When a cow has aborted, or shows signs of abortion, she should be isolated from all other pregnant cows, the aborted calf and membranes burned or buried deeply, and the quarters thoroughly disinfected by removing and burning all litter, and then applying to the floors, manger and stalls a 5 per cent solution of carbolic acid in water, or a solution of one part of corrosive sublimate dissolved in one thousand parts of water. Tablets of corrosive sublimate can be purchased of druggists with directions for use. After disinfecting the stall it should be whitewashed. Cows that have aborted should be washed out with a solution of one part of corrosive sublimate dissolved in one thousand parts of water, or a 1 per cent solution of creolin once daily for two or three days and then once in three days until all discharge ceases. No cow should be bred for a month after all discharge has ceased.

Remedies that are given to pregnant cows to prevent abortion are, 30 drops of carbolic acid dissolved in a pint of water and given as a drench, once in three days. A small tablespoonful of hyposulphite of soda in the feed twice a week is thought to be good.

Cleanliness, isolation and thorough disinfection must be depended upon to combat this disease.

Union Pacific Railway.
 One-way rates in effect daily until November 30, 1903. To Ogden and Salt Lake City, Utah, Butte and Helena, Montana, \$20. To Spokane, Wash., and Huntington, Oregon, \$22.50. To Portland, Oregon, and Tacoma and Seattle, Washington, \$25. To San Francisco, Los Angeles and San Diego, California, \$25. Correspondingly low rates to many points in the same territory. Tourist cars on through trains for passengers to these points.
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 References: Kansas National Bank, National Bank of Commerce.

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IS THE ERA OF COMBINATIONS PASSING?

(Continued from page 1125.)
and not infrequently does find his interest eliminated either by the destruction of the value of his stock through over-issue or by some of the other tricks of the trade.

There are schemes for combining farmers. Many of these come under cover of the good doctrine of cooperation. If promoters of schemes for the combination of farmers are not of different clay than that of the promoters of "industrial" combinations, it will be well for the farmer to know more of the management of the combine's affairs than he usually has time and opportunity to discover. Doubtless farmers' combinations are coming with the others, and doubtless the burnt fingers and lightened pocketbooks will not all belong to those who invest in "industrial" stocks.

Combines and combines are coming like the onrush of a swollen stream. All obstacles placed in their path prove ineffectual. Organized society may control combines so as to make them useful without being harmful, so as to add their force to the productive energies of the country and to eliminate their destructive tendencies. This is one of the problems for the statesmanship of the near future.

Government Hog-cholera Remedy.

Pulverize and mix thoroughly:
1 part wood charcoal.
1 part sulfur.
2 parts sodium chloride (salt).
2 parts sodium bicarbonate (soda).
2 parts sodium hyposulfite.
1 part sodium sulfate.
1 part antimony sulfate.
Dose, 1 tablespoonful for each 100 pounds of weight of hog once a day.

The National Grange.

Wednesday, November 11, is to be made notable in Grange history. On that date the National Grange, Patrons of Husbandry, will begin its thirty-seventh annual session in the city of Rochester, N. Y. There are many reasons for looking forward with interest to this meeting. New York is the strongest Grange State. Its citizens have learned to respect the order for its power and the personal character of its members. In New York the Grange is both useful and respectable. It has a good record for work already done.

The city of Rochester is large enough to entertain all the visitors who are likely to attend the approaching session. There will be plenty of attractions for all visitors; for Rochester is a beautiful and modern city, containing many of the characteristic industries of the most progressive manufacturing centers. It is so situated that many thousands of New York Patrons will be able to visit the National Grange at slight expense. It is near to Michigan, Ohio, Pennsylvania, and the New England States—is practically in the center of the Grange population of the country.

The time, the location of the meeting-place, and the condition of the order throughout the country—all these prophesy that the thirty-seventh session of the National Grange will be one of the most important since its organization. The time is ripe for the perfecting of plans for the rapid extension of the Grange. There is a large and growing fund in the treasury. It should be used wisely to maintain the present financial standing of the organization and to push the work in weak States and where there are no subordinate granges.

It is not to be inferred that we are suggesting the sacrifice of other interests to the extension of the order into new fields. The fact that the work of the organization has been well developed in a few States for a dozen years or more emphasizes the vital importance of methodizing it in every State. It is always necessary to have the machinery of an organization in good working order if the best results are to be achieved. The missionary spirit is to be encouraged at all times; but it is always wise to keep the best organizing ability in the home fields.

The coming session of the National Grange will put new men into positions of responsibility. It is to be

hoped that no changes will be made merely for the sake of change. Men of ideas and organizing capacity are needed in order that all work may tend to the greatest possible profit. The time is here for the Grange to impress its high ideals upon multitudes of people who have not appreciated them. The real captains of agriculture need to be used more and more to further the purposes of the Grange. There must be no needless delay in developing the educational and the cooperative features of our growing order.—Grange Bulletin.

The American Royal Fat-stock and Feeder Awards.

(Continued from page 1131.)

Herefords, sixteen loads of Shorthorns and eighteen loads each of Angus and Galloways. In addition to this were the individual competitors which were not numbered with the car lots.
The following is a report of the awards made in the pure-bred and grade classes, the car lots, and the championships and specials:

HEREFORDS.

FAT STOCK—PURE BREDS.

Steer or spayed heifer, 1 year and under 3—First, Aprilita, John Hutson, Canon City, Tex.; second, Sunny Slope Tom 14th, C. A. Stannard, Emporia, Kans.
Steer or spayed heifer, 1 year and under 2—First, Goldsmith, Minler Bros., Craig, Neb.; second, Spot, J. A. Gibson, Odessa, Mo.; third, Strike Five, John Hutson, Canon City, Texas.
Steer or Spayed heifer under 1 year—

SHORTHORNS.

FAT STOCK—PURE BREDS.

Steer or heifer, 2 years and under 3—First, Hero of Sheridan, Wm. Smiley, Malcolm, Iowa.
Steer or heifer, 1 year and under 2—First, Always in Fashion, Wm. Smiley, second, Lovely Lady, C. D. Bellows, Maryville, Mo.
Steer or heifer, under 1 year—First, Mary's Lamb, Purdy Bros., Harris, Mo.; second, None Such, T. J. Wornall & Son, Liberty, Mo.; third, Prospector, G. M. Casey, Clinton, Mo.
Champion steer or heifer, any age—Hero of Sheridan, Wm. Smiley.

GRADES.

Steer or heifer, 2 years and under 3—First, G. M. Casey; second, C. L. Saylor; third, C. D. McPherson, Fairfield, Iowa.
Steer or heifer, 1 year and under 2—

Steer or heifer, under 1 year—First, C. H. Gardner, second, W. B. Seeley.
Sweepstakes—steer or heifer, any age—A. C. Binnie.

GRADES.

Steer or heifer, 2 years and under 3—First, Silas Igo; second, W. J. Miller, Metz, Iowa; third, W. B. Seeley.
Steer or heifer, 1 year and under 2—First and third, W. J. Miller; second, R. S. Williams; fourth, W. B. Seeley.
Steer or heifer, under 1 year—First, A. C. Binnie; second, W. J. Miller; third, W. B. Seeley.
Sweepstakes steer or heifer—A. C. Binnie.

FAT STOCK—CAR LOTS.

No prizes were awarded in this class, nor were any fat cattle shown of this breed from east of the 98th meridian.
Feeding stock from west of 98th meridian:



QUICK RETURNS IN FEEDING

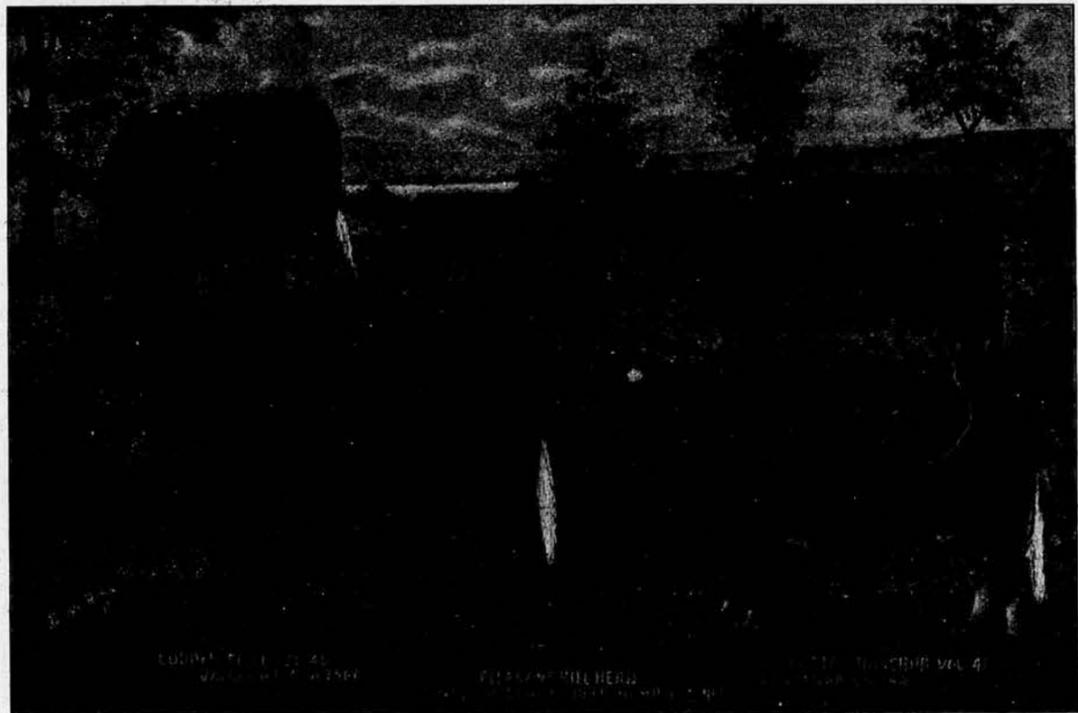
is what feeders desire. It is a sure result of feeding Prussian Stock Food

GAIN 3 LBS. A DAY

I have been using Prussian Stock Food for over one year. My first trial was on 100 head of steers that showed a gain of THREE POUNDS a day. I have since used Prussian Stock Food and find it does all claimed for it.—R. Chisholm, Lanark, Ill.

PRUSSIAN STOCK FOOD is guaranteed to give satisfaction if fed according to directions. If no dealer in your town write us how much stock you have, where you saw this ad and we will send you our 68 page **FARMER'S AND STOCKMAN'S HAND BOOK, FREE.**

Pkg. 50c and \$1.00; Pails, 1200 Feeds, \$3.50.
PRUSSIAN STOCK FOOD AND REMEDY CO., ST. PAUL, MINN.



Sample of Offering from Henry H. Kuper's Well-known Herd of Shorthorn Cattle to Be Sold in the Kuper and Elmore Sale Ring at Humboldt, Neb., November 21, 1903.

First, Sandy, O. Harris, Harris, Mo.; second, Lord Saxon 3d, C. A. Stannard, Emporia; third, Burnside, Gudgeon & Simpson, Independence, Mo.; fourth, Fudge, Steward & Hutcheon, Greenwood, Mo.

Champion steer or spayed heifer, any age—Goldsmith, Minler Bros., Craig, Neb.

FAT STOCK GRADES.

Steer or spayed heifer, 1 year and under 2—First, Dandy, L. M. Todd, Wellsville, Kans.; second, Joe, L. M. Todd, Wellsville, Kans.; third, Headlight, C. A. Baker, Leeton, Mo.

Steer or spayed heifer under 1 year—First, Billy, C. A. Stannard, Emporia; second, George, Steward & Hutcheon, Greenwood, Mo.; third, Nebraska Boy, Stanton Breeding Farm, Madison, Neb.

Best grade steer or spayed heifer, any age—Billy, C. A. Stannard, Emporia.

CAR LOTS, FAT STOCK.

Carload of fat stock from east of the 98th meridian:
Steer or heifers, 2 years and under 3—First, J. A. Barnett, Gallatin, Mo. (one entry).

Steers or heifers 1 year and under 2—First, Stanton Breeding Farm, Madison, Neb.; second, C. A. Baker, Leeton, Mo.
Feeding cattle from west of the 98th meridian:

Steers or heifers 2 years and under 3—First and third, Standard Cattle Company, Ames, Neb.; second, C. C. Slaughter, Dallas, Tex.

Steers or heifers 1 year and under 2—First, Nebraska Land & Cattle Company, Ellsworth, Neb.; second, Wm. Reynolds, Lush, Wyo.; third, C. C. Slaughter, Dallas, Tex.

Steers or heifers under 1 year—First and fifth, L. S. Ranch, Tascosa, Tex.; second, Nebraska Land & Cattle Company, Ellsworth, Neb.; third, C. C. Slaughter, Dallas, Tex.; fourth, Rowe & Company, Kansas City, Mo.

HEREFORD SPECIALS.

Kansas City Live Stock Exchange Special for best car-load—Stanton Breeding Farm.

Traders' Live Stock Exchange Special for best car feeders—Nebraska Land & Cattle Company.
John P. Cudahy Silver Cup for grand champion car-load under 2 years, and breed, from west of 98th meridian—Nebraska Land & Cattle Company, Ellsworth, Neb., on car-load of Herefords.

First, G. M. Casey; second and third, John D. Matthews.

Steer or heifer, under 1 year—First, Purdy Bros., Harris, Mo.; second, G. M. Casey; third, C. D. McPherson.
Sweepstakes steer or heifer, any age—Regulator, G. M. Casey.

FAT STOCK—CAR LOTS.

Steers or heifers, 2 years and under 3—First, David Paxton, Berwick, Kans.; second, G. M. Casey.

Steers or heifers, under 1 year, Live Stock Exchange Special, champion carload, any breed—G. M. Casey.

FEEDING CATTLE.

Steer or heifer, 2 years and under 3—First and second, Standard Cattle Company, Ames, Neb.

GALLOWAYS.

Grade steer or heifer, over 18 months—First, W. M. Brown & Son, Carrollton, Mo.; second, C. D. McPherson.
Grade steer or heifer, under 18 months—First, C. D. McPherson.

FEEDING STOCK.

CAR LOTS.

Car-lot steers or heifers, 1 year and under 2, from west of 98th meridian—First, Chas. H. Jackson, Jetmore, Kans.; second, Geo. K. Lee, Burdette, Kans.

Car lot, under 1 year, from west of 98th meridian—First, J. F. Meserve, Smoky Hill, Kans.; second, Ben Hicks, Smoky Hill, Kans.

Car lot from east of 98th meridian—First, S. S. Strunk, Springfield, Mo.; second, John Jackson, Dresden, Mo.
Car lot, under 1 year, east of 98th meridian—First, John Jackson.

SPECIALS.

Kansas City Live Stock Exchange Special for car lot, any age—W. M. Brown & Sons.
Best car Galloways, any age, west of 98th meridian, Traders' Live Stock Special—Ben Hicks.
Same from east of 98th meridian—S. S. Strunk.

ABERDEEN-ANGUS.

FAT STOCK.

Steer or heifer, 2 years and under 3—First, A. C. Binnie, Alta, Iowa; second, C. H. Gardner, Blandinsville, Ill.
Steer or heifer, 1 year and under 2—First, A. C. Binnie; second, Geo. McCulloch, Hummeston, Iowa; third, W. B. Seeley, Mt. Pleasant, Iowa.

Steers or heifers, 2 years and under 3—First, Lucore Bros., Arriba, Colo.; second, Chas. E. Sutton, Russell, Kans.; third, Parrish & Miller, Hudson, Kans.

Steers or heifers, 1 year and under 2—First, Lucore Bros.; second, M. J. Allen, Richfield, Kans.; third, Chas. E. Sutton.

Steers or heifers under 1 year—First, Halbleb Bros., Brownell, Kans.; second, Chas. S. Batchelder, Warrensburg, Ill. (Russell County, Kans., steers); third, Chas. E. Sutton.

FEEDING STOCK SPECIALS.

Traders' Live Stock Exchange Special for best car lot, any age—Halbleb Bros. Clay Robison & Company Special—C. S. Batchelder.

The Marshall County Hereford Sale.

What would it not be worth to a breeder of Hereford cattle to be able to go to a sale of 100 head of choice registered cattle of this breed where he could name his own price on any of the animals? This is just the condition that is offered by the Marshall County Hereford Breeders' Association in their sale to be held at Blue Rapids on November 10 and 11. Here will be sold 67 cows and heifers from 1 to 6 years old, and 33 bulls from 1 to 3 years old. The cows are nearly all bred or with calves at foot while the bulls are ready for good, active, hard service. These animals are selected by a special committee appointed by the directors of the association to personally see and pass upon the animals offered in this sale. Animals from 25 different herds have been accepted and many others have been rejected. Buyers who attend this sale may do so with the knowledge that the offering both in individuality and condition will be better than that made by the same association last year. Some of the best known bulls in the Hereford breed have their homes in Marshall County, and a number of the herds represented in this association now possess ribbons won at the American Royal this fall. Not for years has there been such an opportunity to get good cattle at your own price as will be found at Blue Rapids. Old breeders and those who desire to become breeders owe it to themselves to be present at this sale and take home some of these good things. If it is impossible to attend, bids may be sent to the secretary or to Col. Sparks and his assistants and they will receive the most careful attention.

Write E. E. Woodman, secretary, Vermillion, Kans., for catalogue. Remember the date and be present.

The Kuper-Elmore Shorthorn Sale.

All lovers of good Shorthorn cattle are invited to attend the big sale of registered cattle to be held at Humboldt, Neb., on November 21. Mr. Henry H. Kuper and W. D. Elmore have joined forces to make this one of the first-class offerings of the season. They are contributing high-class stuff to this sale ring—the very best in fact that their herds afford. They are pioneer farmers of Richardson County, and they know well the kind of cattle that pays from the feed-yard standpoint. Their herds are made up of cattle that embrace scale and quality, the straight red color being in the ascendancy. The great Scotch sire, Baron Surmise, is in service and many cows safe in calf. A long string of calves is to be sold at foot of dam also, the get of other first-class sires. The catalogue shows about 60 head of cattle listed, and the sale will be held in the new sale pavilion in town. Messrs. Kuper and Elmore are ready to send this catalogue to all applicants. They want you to spend the day with them whether you wish to buy or not. It will be noted that a fine lot of Aberdeen-Angus cattle sell in this sale pavilion November 20. Come and see the biggest display of blooded cattle ever seen in a Richardson County sale ring. See advertisement and group illustration elsewhere. Write for catalogue.

Scotch Shorthorn Sale, November 19.

By reference to the advertisement of the great sale of Scotch Shorthorn cattle on page 1148, to be held at Horton, Kans., November 19, 1903, it will be seen by the sample pedigrees shown that this offering of Shorthorn cattle from a breeder's standpoint will hardly be excelled in America this year. This is owing mainly to the fact that Hon. M. A. Low, of Topeka, is making a dispersion offering of his entire herd of imported and Scotch-bred Shorthorn cattle. During the past two years all of the undesirable animals in the herd have been disposed of so that the remainder of the herd is very select, and it is certainly a breeder's opportunity, especially in view of the fact that fancy prices are not being realized but well-bred animals are in lively demand at fair prices. The cattle business is all right and has a good promising future, especially for pure-bred stock. Consequently every farmer or breeder who wishes to make a decided improvement in his herd will not overlook this great Shorthorn event at Horton, Kans., November 19. In addition to the forty head offered by Mr. Low ten head of well-selected produce will be contributed from the well-known herds of M. C. Vansell, Muscotah; D. L. Dawdy, Arrington; and G. Y. Johnson, Willis.

The illustrated catalogue which is now ready for distribution tells the significant story, to the breeder, of this most attractive sale of the year and may be had upon application to O. M. Keats, Mgr., Horton, Kans.

Buggies! Buggies!

The Century Manufacturing Company of East St. Louis, Ill., are the largest manufacturers of buggies and surreys in the United States. They sell direct from their factory to homes at factory prices. They are consequently in a position to save the customer from \$20 to \$40 on the purchase of a buggy and from \$40 to \$60 on the purchase of a surrey. The Century buggies are without a doubt among the best manufactured in the United States. They sell for cash or on easy monthly payment plan, and



they will be pleased to extend credit to honest people living in all parts of the country. They are offering a regular \$75 buggy for only \$33.50, and the buggy is fully guaranteed for three years. The Century brand of buggies are the only buggies in the market that are warranted for three years. We would suggest that our readers write to the Century Manufacturing Company, 225 A., East St. Louis, Ill., for their free buggy catalogue, and in so doing please mention the fact that you were advised to do so by the Kansas Farmer.

Gossip About Stock.

At Chicago last week was held a dispersion sale of Col. Robt. Holloway's stud of Clydesdale horses in which there were sold a total of 31 head for \$14,430, average \$465.48. Of these 25 were mares and fillies which brought \$11,620, average \$464.80. Six stallions brought \$2,810, average \$468.23.

F. C. Kingsley, Dover, Kans., proprietor of the Meadowbrook Shorthorn Herd, has 10 bulls for sale, running from 12 to 24 months old. They are by the Scotch bull, Laird of Linwood, and are all red. He wishes to dispose of these and also 8 cows and heifers, within the next thirty days and makes tempting prices to buyers to buy the same.

The public sale of 86 head of pure-bred Duroc-Jersey hogs at Smithton, Mo., October 30, by Harry Sneed and Imhauser & Co., made a total of \$2,018.50, an average of \$23.47 for 86 head. The top price was \$80, given by Brown Bros., of Harrisonville, Mo., for a February gilt that won first at the Missouri State Fair. One February litter brought \$204. A boar from this litter went to E. Sturdy, of Bradford, Kans., for \$75.

At the great sale of Scotch Shorthorn cattle to be held at Horton, Kans., on No-

vember 19, at which time M. A. Low disperses his entire herd of famous Scotch cattle in combination with consignments by D. L. Dawdy, Arrington, and G. Y. Johnson, of Willis, Mr. M. C. Vansell, Muscotah, Kans., will include four heifers. One sired by Golden Lad 115691, one by Clipper Chief, and two heifers by Royal Prince 160873. These are some of the best selection of Scotch Shorthorns ever offered by Mr. Vansell. A reference to the catalogue which is now ready for distribution gives in detail the splendid breeding of his entire consignment.

The second annual sale of 60 fancy bred Poland-Chinas from the Kanwaka herd of W. B. Van Horn & Son, Lone Star, Douglass County, Kans., will be held at the farm at 1 p. m. sharp, Thursday, November 12, 1903. The offering of spring and fall gilts and boars is a choice selection the resultant of ten years' successful breeding in which the aim has been to breed a hog of large size and prolificness as well as with good finish. The average number of pigs to the litter that will be on sale is 7.1-6 pigs to the sow. Buyers and breeders from a distance will be brought out to the farm from Lawrence or Overbrook, free, by calling at Goddings' livery barn, Lawrence, or Byerly's livery barn, Overbrook. For catalogue address as above.

On Wednesday, October 28, J. B. Davis, of Fairview, held a local auction of Duroc-Jersey males and sold 26 head at an average of \$21.06. The sales were made mostly to farmers and the crowd in attendance was not large on account of prevalence of cholera in some parts of northeastern Kansas. The top price of the sale was \$50 for a March male sired by Ben Butler T. 1774, which went to Ed. Beckwith, Hiawatha, Kans. Among the other purchasers were: Warren Eisenberg, Morrill; W. B. Sharp, Bendena; J. E. Barnett, Netwaka; V. O. Hough, Wetmore; Joe Sewell, Hiawatha; John Lortch, Fairview; Henry Frazer, Hiawatha; Dav. Hamblar, Hiawatha; C. G. Carothers, Sabatha; Chas. Moore, Robinson.

Mr. Davis announces a brood-sow sale to be held February 5, 1904. He still has a select lot of May and June males for private sale.

Our readers are asked to notice the change in the advertising card of Mr. C. J. Huggins, owner of the Wamego Herd of Poland-China swine at Wamego, Kans. Mr. Huggins' herd boar is Dee Expansion 31211 by Old Expansion 26293. Expansion was bred by Dawson & Sons, Endicott, Neb., and is one of the greatest boars of the State. He showed at the Iowa State Fair and received nineteen ribbons on himself and get, seven of these were first prizes. This herd, headed by Expansion, showed against 1,050 Poland-Chinas at the Iowa State Fair and the fact that he won so many ribbons is certainly a credit to him and his breeding. Mr. Huggins' herd boar is considered to be one of the best sons of Expansion and his get are as good as the old hog. If you want to get some of this prize-winning stock write to Mr. Huggins and be sure of a prompt answer and fair, square dealing.

Although not largely nor widely known, one of the most profitable Shorthorn herds in Missouri has been that of H. H. Grimes, of Belton, Mo. Five years ago

in an excellent sale Mr. Grimes sold down to three cows. From these he has grown a good little herd of Rose of Sharons, Coquettes and Agathas, practically pure Bates except where the two famous Cruickshank bulls, Vanquish and Champion of Maplehill, have been used. As will be remembered it was at Mr. Grimes' sale that the Champion of Maple Hill calves created such a stir and won first fame for that great bull. Vanquish was a richly bred Victoria bull, owned by W. A. Forsythe, of Pleasant Hill. The Berkshires in this sale are descended from excellent stock bought from the famous Sunny Slope herd of C. A. Stannard, Emporia, Kans. A fine lot of horses, hay, and grain will also be sold, as Mr. Grimes is giving up farm work. Sale November 20. See advertisement on page 1147.

On page 1142 will be found the handsome advertisement of Mr. Frank E. Guy's Poland-Chinas. Mr. Guy has long been a breeder of the best strains of Poland-Chinas at Oberlin, Kans., and his herd now numbers 116 head. Owing to the fact that Mr. Guy must change location he has decided to offer the entire herd at private treaty. A recent visit to this herd showed them to be in the pink of condition. Like other farmers in the West Mr. Guy has been very successful in raising a crop in addition to caring for his large herd of swine. His hogs are of the finest breeding and are of a type that is particularly desired by western farmers and breeders. His herd boar is the son of Winn & Martin's most famous sire, and his get reflect credit on the breed and on the breeders who produced him. They are characterized by long bodies, arched backs, heavy hams and shoulders, good bone and well-finished head and ears, while the fact that they have been bred and fed under western conditions fits them particularly for a new home in any locality where they are sure to thrive.

As showing something of the condition of the pure-bred market we give a brief summary of a number of recent sales held in different parts of the Union. At Oskaloosa, Iowa, on October 7, was held a combination sale of Shorthorns in which 57 head were sold for an average of \$121.75, forty-eight females averaged \$127.40 and nine bulls averaged \$97.75. At Miles, Iowa, on the same day, was held a sale of Shorthorns in which 47 head were disposed of at an average of \$122, thirty-one females averaged \$115, sixteen bulls averaged \$134. At New Sharon, Iowa, on October 8, a combination sale of Shorthorns numbering fifty-seven head averaged \$68.45. Forty-six females averaged \$71, and eleven bulls averaged \$57. These cattle were very thin in flesh and the owner did not know whether the cows were bred or not. At Delaware, Ohio, on October 13 and 14, was held a sale of Polled Durhams and Shorthorns. A total of 96 head of both breeds were disposed of at a general average of \$100.80. Of these, thirty-seven were Shorthorn females averaging \$112. Thirty-eight female Polled Durhams averaged \$109.45. Eleven Short-horn bulls averaged \$56.80. Ten Polled Durham bulls averaged \$75.50. A combination sale of Herefords at Stewart, Ill., disposed of forty-two head for an average of \$149. Twenty-eight females averaged \$156 and fourteen bulls averaged \$135. A combination sale of Herefords at Geneseo, Ill., on October 17, was held in which fifty



The Youth's Companion.

THE OFFER MADE EVERY FALL TO NEW SUBSCRIBERS INCLUDES AS A GIFT ALL THE REMAINING ISSUES OF THE YEAR FROM THE TIME OF SUBSCRIPTION. THESE FREE ISSUES, WITH THE FIFTY-TWO NUMBERS OF THE NEW VOLUME, GIVE THE NEW SUBSCRIBER SEVEN HUNDRED LARGE PAGES OF THE BEST READING—INSTRUCTIVE, AMUSING, HELPFUL IN THE FORMING OF CHARACTER.

NEW SUBSCRIPTION OFFER.

Free

The New Subscriber who cuts out and sends this slip or the name of this Paper at once with \$1.75 will receive:
 All the issues of The Companion for the remaining weeks of 1903.
 The Double Numbers for Thanksgiving, Christmas and New Year's.
 The Youth's Companion "Springtime" Calendar for 1904, lithographed in twelve colors and gold.
 Then the fifty-two issues of The Companion for 1904—a library of the best reading for every member of the family.

Full Announcement and Sample Copies of the Paper Free.

THE YOUTH'S COMPANION, 201 COLUMBUS AVENUE, BOSTON, MASS.

The KANSAS STATE AGRICULTURAL COLLEGE

Offers short courses in **FARMING and DAIRYING,**

Beginning January 5th, and closing March 25th, 1904. These are practical courses for persons of mature age who cannot afford the time for a four-year course. Tuition is free. Expenses low. For further particulars address

E. R. NICHOLS, President,
 Manhattan, Kansas.

head averaged \$106. Thirty-nine females averaged \$107. Eleven bulls averaged \$103.

Harry E. Lunt, owner of Shady Lane Stock Farm of Shorthorn Cattle, Poland-China Swine and Fancy Poultry, at Burden, Kans., has been making some great sales of Poland-Chinas lately. He says the inquiries are rolling in on him at a very satisfactory rate. He still holds for sale a few choice young boars of last fall and winter farrow together with some spring boars and gilts and some good bred sows. We think that one reason why Harry Lunt's Poland-Chinas have been so popular and have sold so readily is because of the comparatively low price he makes on them when quality is considered. His herd boars are Look-No-Farther 27118 and Perfection Chief 27766, a grandson of Tecumseh 2d. He has also a few choice Shorthorn bull calves of serviceable age and a few younger ones. They are sired by Prince Constantine 177142 and are large, fine-shaped, close to the ground and mellow calves. Mr. Lunt was a prize-winner at several fairs this fall and has reason to be proud of the record he made at the State fair at Hutchinson. At Winfield he won first prize on aged boar, boar under 1 year, aged sow, sow 1 year and under 2, sow under 1 year, sow pig, breeders' herd, aged herd, champion sow, any age, and get of boar. He also won second on boar 1 year and under 2, boar under 1 year, sow 1 year and under 2, which makes a very complete record for one year's showing of these good hogs.

In another column will be found some advice to the students of the Iowa Agricultural College who were in attendance at the American Royal last week. This advice was given by Col. J. W. Robison, than whom there is no more capable man to give advice along breeding lines. We trust our readers will thoroughly digest this advice and then turn to the Armour-Funkhouser sale advertisement on page 1147 and read what will be offered at their great sale of imported and home-bred Herefords on November 17 and 18, at Kansas City. Everybody knows how Mr. Funkhouser won the prizes at the American Royal with his home-bred Herefords, and everybody knows that to have an

(Continued on page 1142.)

SHARPLES TUBULAR DAIRY Separator



Entirely different from any other separator, more simple, durable, convenient, safe and efficient. That is why the demand for

THE TUBULAR

is so great and why Sharples Separator Works is the largest in the world. Examine the Tubular and you will buy no other. Write for free catalog No. 166

THE SHARPLES CO., P. M. SHARPLES,
Chicago, Ill. West Chester, Pa.

In the Dairy.

Conducted by George C. Wheeler, Kansas Experiment Station, Manhattan, Kans., to whom all correspondence with this department should be addressed.

The Farmers' Part in the Production of Good Butter.

According to Joseph Kolarik, associate editor of the Chicago Dairy Produce, the farmer is an important factor in the production of good butter. In a chapter of the Creamery Patron's Handbook he sets forth his views on the subject as follows:

Creamery butter-makers have ever been sensitive to the pulse of the market and strenuously responsive to its every demand for improvement. Creamerymen have installed new apparatus for the improvement of their product and again and again replaced this after a time with later designs of apparatus that gave promise of further improvement. New ways of creaming have superseded the old, new ways of cream-handling have displaced old methods, new ways of churning and working butter are now standard—all, every bit of it, the result of the imperative necessity of making good butter.

What more can the creameryman or the creamery butter-maker do? Let us ask—has the farmer, the creamery patron, advanced in his calling to the same extent as has the creamery butter-maker?

We have the word of no less an authority than Hon. W. D. Hoard, of Wisconsin, on this question, who, after the most careful canvass made from farm to farm by trusted correspondents in creamery districts in several States in the summer of 1901, spoke at a State dairymen's convention as follows:

"I here venture the assertion, and it is founded on evidence of the most convincing kind, that the average patron of the creamery is but little, if any, better educated as a dairyman than he was twenty-five years ago, and that he is producing milk to-day from as poor cows, and just as expensively, as was the case twenty-five years ago. To me it is astonishing that the influences of progress and intelligence should affect all other branches of this great industry to their manifest improvement, and still the farmer remains, with but few exceptions, right where he was a quarter of a century ago!

What is it that has caused this severe criticism of the 'average' creamery patron? In what way has the creamery patron been remiss in his calling?

"The inquiry has developed the fact that hardly any out of one hundred knew what their cows were returning in product above the cost of their keep until the correspondent got what facts he could from the patron and from the creamery books and figured it out. Very few knew except in the most general way which cows were yielding a profit and which were not. A very few fed a balanced ration suited to the purpose of milk-production, and most were keeping cows of a kind that even good feeding and care would not make profitable milk-producers. The general average production of the dairy cows of these one hundred patrons was under 140 pounds of butter per cow per year, while in dairy districts, such as in Jefferson County, Wis., and elsewhere, where dairying is a leading feature of farm work, the butter product averages 240 pounds per cow per year—a clear gain of 100 pounds and more of butter through the exercise of thought both in the selection of cows for the special purpose of milk-production in their care and feed."

This, then, is the farmer's part in the production of good butter:

1. Keeping a sufficient number of cows to make it well worth while to provide for them the kind of feeds and give them the care they should have.

2. The cows must be of a recognized milk-producing type. A cow that does not yield 200 pounds of butter-fat during one year's period of lactation can seldom be kept at a profit. The best dairy herds now produce over 300 pounds per cow per year, and already some have set even a much higher mark.

3. The cows must have an ample supply of nourishing and palatable food both summer and winter, and of course plenty of pure water. For a palatable and nourishing food for win-

Have You Any Milk Cows?

If so, all that is necessary to make you a participant in Separator Contest, is to answer the following questions:

- Your name and post-office address?
- How many cows do you milk?
- Have you a cream separator?
- If so, what make?
- Do you sell cream?

REMEMBER the time is not far distant when it will be decided who gets the

ONE HUNDRED DOLLAR CREAM SEPARATOR FREE

Each letter is numbered and you will be notified of the number as well as received a handsome souvenir. In addition to this we want to again remind you that we are still in the lead on high prices. We are paying at present

21c A POUND FOR BUTTER-FAT

We are placing hundreds of the RENOWN, EASY-RUNNING, SIMPLE, DURABLE AND EASY TO CLEAN EMPIRE SEPARATORS, which make dairying pay.

Write us for any information desired.

Blue Valley Creamery Company

ST. JOSEPH, MO.

"PIONEER OF HIGH PRICES FOR BUTTER-FAT."

DE LAVAL CREAM SEPARATORS

Are in a Class by Themselves
There Being 475,000 in Use
Or Ten Times All Other Makes Combined

FIRST—ALWAYS BEST—CHEAPEST.

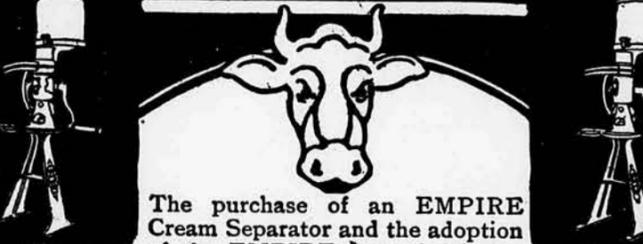
Send for Catalogue and name of nearest local agent.

THE DE LAVAL SEPARATOR CO.

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1218 FILBERT STREET, PHILADELPHIA. 74 Cortlandt St 75 AND 77 YORK STREET, TORONTO.

9 AND 11 DRUMM STREET, SAN FRANCISCO. 248 MCDERMOT AVENUE, WINNIPEG.



The purchase of an EMPIRE Cream Separator and the adoption of the EMPIRE way of dairying have marked the turning point with thousands of cow owners. It has shown them in many instances how to make profit from a branch of their business which had hitherto been tolerated as a necessary evil. There are other cream separators, but only one EMPIRE. There are other cream separators with features of advantage, but there are none which possess so many features of advantage as the EMPIRE. There are none from which the features of disadvantage have been so thoroughly eliminated as in the EMPIRE. There are other ways of dairying, but none so profitable as the EMPIRE way. You can learn all about the EMPIRE machine and the EMPIRE way by reading our book. It's free for the asking.

Empire Cream Separator Co.
Bloomfield, New Jersey.
Western Office,
Chicago, Illinois.

EMPIRE

THE U. S. AHEAD AS USUAL

At the Valley Fair, Brattleboro, Vt., Sept. 30 and Oct. 1, '03, one of the largest fairs in New England, butter made from cream separated by U. S. Separators received the following premiums:

| | |
|---------------|----------------------------------|
| CREAMERY TUB, | First, . . . 98 and Sweepstakes. |
| | Second, . . . 97½ |
| DAIRY PRINT, | First, . . . 97½ |
| DAIRY BOX, | First, . . . 97 |
| | Second, . . . 96½ |
| DAIRY TUB, | First, . . . 96½ |
| | Second, . . . 96 |

Grand Sweepstakes and all the butter premiums except three went to U. S.

Moral:—Buy the U. S. Separator if you wish to make the best butter.



For Western Customers, we transfer our separators from Chicago, La Crosse, Minneapolis, Sioux City, and Omaha. Address all letters to Bellows Falls, Vt.

Write for catalogues and prices.

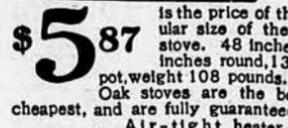
Vermont Farm Machine Co., Bellows Falls, Vt.

Simply Send a Postal

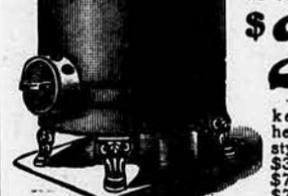
and ask us to mail you our new illustrated stove catalogue, and we will forward postpaid our complete catalogue of stoves and ranges, which illustrates and describes everything in the stove line for cooking and heating worthy of your consideration—all at prices decidedly low. We sell only the best grades, avoiding the very cheapest. If you want an honestly made stove you cannot afford to place your order until you have seen our stove catalogue. A postal card will bring it.



\$4.00 is our price for a good stove with a 9 1/2-inch firepot. It is a much better stove than some firms sell at a higher price, but if you want the best send for our stove catalogue and read about our famous Home Oak stoves. The illustration shows our well known Home Oak stove; a very powerful heater made of No. 18 gauge cold rolled steel and finished with artistic nickel plated trimmings. It is 43 inches high, 9 1/2 inches round and weighs 63 pounds. \$4.53 buys larger size weighing 75 lbs.



\$5.87 is the price of the most popular size of the Home Oak stove. 48 inches high, 13 1/2 inches round, 1 3/4 inch firepot, weight 108 pounds. The Home Oak stoves are the best, not the cheapest, and are fully guaranteed.



\$1.14 Air-tight heater made better than others on the market and cheapest at our price. We do not sell the cheapest that we can make. This air-tight heater at \$1.14 is a better bargain than others at 95 cents up. It pays to buy the best.

\$2.88 for an honestly made kerosene oil heater. Other styles, \$3.35, \$3.68, \$4.80, \$7.00 and \$7.35.

Don't waste your money by purchasing a cheap stove. Get an honestly made one even if it does cost a trifle more. Our stoves are all honestly made and sold at remarkably low prices. Our free stove catalogue describes our handsome base burners, also a score of other styles—all good, all low priced. You cannot afford to buy until you have heard from us. Simply write a postal card and ask for stove catalogue. We will send it promptly. Address **MONTGOMERY WARD & CO.** Michigan Avenue, Madison & Washington Streets **CHICAGO**

ter use there is nothing better than corn ensilage.

4. Fully as important as any other of the many requirements in profitable dairy farming is the care given the milk.

Good milk—good butter-maker—good butter. Here is a trinity that stands all powerful between the dairy farmer and his profit—the willing dollars of the butter consumer. Good butter—good butter-maker—good milk—a trinity one and inseparable, and the farmer is the beginning and the ending. His part is to furnish the good milk—the alpha and omega of getting a fancy butter product, which again means a good market demand and price and a goodly share of honest profit dollars in the pocket of the owners of the cows.

The necessity for producing good milk can not be too strongly impressed on all who have the handling of it. Though many suggestions may be found of great practical utility by the patron, such as prompt removal from the milking stalls, rapid cooling in tanks of water to drive out quickly the animal heat, clean washing of cans followed by exposure of them to sun and air, etc., one general law, well observed, will suffice.

Aim to deliver the milk at the weighing-room of the creamy as clean, as pure and as sweet as though every drop of it was to be used on your own table!

Can dirty milk, unstrained, turning sour, smothered, tainted from stable exposure or otherwise, or carried in ill-smelling cans ever reach the weighing-can of the creamery under that rule?

Whether operated by an association of farmer shareholders, by a stock company, by a corporation located in a distant city or by a locally resident owner, the creamery is ever a cooperative institution. No one patron can deliver milk below grade and flatter himself that because it passed the receiver, he is thereby the gainer. It is true he has gained temporarily what is lost by his more careful neighbors, for he has lowered the quality of their product to his own level, but it is not written that a man shall continue to prosper at the expense of others indefinitely.

Let every milk-can stand on its own bottom. Let every patron feel that in the chain of association for the production of good butter, he forms no weak link, but equally with his neighbors stand steadfast and true, giving his best and asking equal worth of every other. The organization is not perfect if any part is weak or wanting, and thus the milk producer must do his full share toward the attainment of that perfect result—a market for the highest grade butter through a well-managed creamery well-patronized by well-satisfied, intelligent patrons.

Do what the butter-maker may, the purity of the butter will never rise above the purity of its source, therefore the better the milk the better the butter. Every hour, every minute, the milk is exposed in stables, barns, or other surroundings laden with flavor-destroying taints or exposed at temperatures above sixty degrees, its quality is impaired for the making of the best grade of butter. Every time it is closed tightly into the creamery can while warm, or the warm morning's milk is poured into the cold milk of the evening before, it means a loss of butter quality because of "smothered" milk. Every exposure of the cans to the hot sun of summer while the milk is on the way to the creamery means a lessening of that fine delicate taste that is to butter what the fine edge produced by honing is to the axe or other sharp cutting tool. It is not in nature that the stream shall rise above its source—neither may it be that butter shall be better than the milk that it is made from.

Something can be done, it is true, in the creamery to overcome previous neglect of the milk, through the cleaning process of centrifugal cream separation and through the use of heat to stop further deterioration, as cooking will check for a time the spoiling of food. But neither of these processes will restore a tenth part of the fine flavor the milk has lost through neglect of the simplest precautions



A MOTHER'S LOVE.

WHAT IS MORE BEAUTIFUL THAN MOTHER LOVE?

"Who ran to help me when I fell
And would some pretty story tell,
Or kiss the place to make it well,
My mother."

A mother's worries are many. She sometimes forgets her own bodily comforts because of her overpowering love for the child. She becomes broken down, sleepless, nervous, irritable and feels tired from morning until night. Many mothers of experience can tell you that at such a time they have been relieved, benefited and strengthened and put into proper health by taking a prescription which their mothers had told them was the only woman's tonic to be taken at such times. Dr. Pierce's Favorite Prescription has enjoyed an enviable reputation for over a third of a century. In all that time it has sold more largely in the United States than any other tonic for woman's needs, and today its sales are greater than ever. Dr. Pierce made up this prescription from roots and herbs without the use of a particle of alcohol or narcotic and for the single purpose of curing those diseases peculiar to women and when there is a lack of womanly strength to bear the burdens of maternal duty. How few women come to this critical time with adequate strength. The reason why so many women sink under the strain of motherhood is because they are unprepared. Is preparation then required for motherhood? asks the young woman. And every experienced mother answers—"Yes." "I unhesitatingly advise expectant mothers to use Dr. Pierce's Favorite Prescription," writes Mrs. J. W. G. Stephens, of Mila, Va. The reason for this advice is that Dr. Pierce's Favorite Prescription is the best preparative for the maternal function. No matter how healthy and strong a woman may be, she cannot use "Favorite Prescription" as a preparative for maternity without gain of health and comfort. But it is the women who are not strong who best appreciate the great benefits received from the use of "Favorite Prescription." For one thing its use makes the baby's advent practically painless. It has in many cases reduced days of suffering to a few brief hours. It has changed the period of anxiety and struggle into a time of ease and comfort.

A DUTY WOMEN OWE THEMSELVES.

"Good actions speak louder than words," so, too, does the testimony of

many thousands of women during a third of a century speak louder than mere claims not backed by a guarantee of some kind. That is the reason why the proprietors of Dr. Pierce's Favorite Prescription are willing to offer \$500 reward for women who cannot be cured. Such a remarkable offer is founded on the long record of cures of the diseases and weaknesses peculiar to women. If there is an invalid woman, suffering from female weakness, prolapsus, or falling of womb, or from leucorrhoea, who has used Dr. Pierce's Favorite Prescription without complete success, the original proprietors and makers of that world-famed medicine would like to hear from such person—and it will be to her advantage to write them as they offer, in perfect good faith, a reward of \$500 for any case of the above maladies which they cannot cure. No other medicine for woman's ills is possessed of the unparalleled curative properties that would warrant its makers in publishing such an offer.

Miss Emma Petty, 1126 S. Olive Street, Indianapolis, Ind., Past Vice-President, Daughters of Pocahontas, Minneola Council, also Organist, South Baptist Church, Indianapolis, writes: "For several years I suffered with leucorrhoea, which was a serious drain on my vitality, sapping my strength and causing severe headaches, bearing-down pains and a general worn-out feeling, until I really had no desire to live. I had many medicines recommended to me and tried many, but did not get permanent relief until I took Dr. Pierce's Favorite Prescription. In two months I was much better and stronger, and in four months I was well. Have had no more disagreeable discharge, no more pain; so I have every reason to praise 'Favorite Prescription.' I consider it without an equal for ills of women."

MARRIED MEN AND WOMEN

should have a medical book handy, for knowledge is power. They should know about anatomy and physiology. They should have a book that treats of the sexological relations of both sexes out of and in wedlock, as well as how and when to advise son and daughter. Has unequalled endorsement of the press, ministry, legal and medical professions. The main cause of unhappiness, ill-health, sickly children, and divorce is admitted by physicians and shown by court records to be the violation of the laws of self and sex. A standard work is the People's Common Sense Medical Adviser, by R. V. Pierce, M. D. Send 31 one-cent stamps for the cloth-bound book, or 21 stamps for the paper-covered volume. Address Dr. R. V. Pierce, Buffalo, N. Y.

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is but a question of getting all the cream (butter fat) out of the milk. With the old settling system your loss is over 80 per cent greater than with

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A valuable machine you can test in your own home or dairy

10 Days Free
If you like—buy it; if you don't, we take it back and pay all expense—you have nothing to risk. Our catalogue gives full particulars.

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WANTED!!

Every reader of this paper who owns a few cows to send for our new catalogue of

DAVIS

Cream Separators

Sent free upon request. It will tell you why the Davis Separators are money makers for their owners.

THEY ARE GUARANTEED to separate THOROUGHLY and QUICKLY. Dairy men and farmers find the "Davis" the most economical piece of machinery on the farm. Let us send you full particulars about it.

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of family meal or ear corn and grains makes famous the **Monarch French Burr and Attrition Mills**, imported from France. None to compare in speed or character of work is the guarantee.

Sold on 15 days trial. All sizes and styles. Catalogue free. Sprout Waldron & Co. Box 242, Muncy, Pa.



against absorption of taints and the keeping of it at a properly low temperature.

There can be no good butter if the farmer has not done his part to pro-

duce good milk, and if the butter-maker has not done his part to handle that milk in a skillful manner to concentrate its good qualities into the finished product.

The Poultry Yard.

CONDUCTED BY THOMAS OWEN.

Coming Poultry Shows.

November 26-28, Glasco, John Chase, secretary; C. H. Rhodes, Judge.
 November 30-Dec. 2, Clay Center, M. B. Caldwell, secretary; C. H. Rhodes, Judge.
 December 3-5, Cottonwood Falls, Jennie C. Warren, secretary; C. H. Rhodes, Judge.
 December 9-12, Leavenworth, N. R. Nye, secretary; C. H. Rhodes, Judge.
 December 14-16, Fort Scott, Jas. Burton, secretary; C. H. Rhodes, Judge.
 December 17-19, Lawrence, John Manwarring, secretary; C. H. Rhodes, Judge.
 December 21-24, Wellington, Ellen R. Clayton, secretary; Thos. W. Southard, Judge.
 December 28-30, Nortonville, C. D. Stillman, secretary; C. H. Rhodes, Judge.
 January 4-9, Wichita, H. P. Schoff, secretary; I. K. Felch, Judge.
 January 11-16, State show, Topeka, J. W. F. Hughes, secretary; C. H. Rhodes, W. S. Russell, H. B. Savage and J. J. Atherton, Judges.
 January 25-27, Atchison, W. G. H. Frazier, secretary; C. H. Rhodes, Judge.
 February 1-3, Manhattan, Geo. C. Wheeler, secretary; C. H. Rhodes, Judge.
 February 4-10, Manhattan, Kansas State Agricultural College Poultry Institute, Prof. Geo. C. Wheeler, superintendent; C. H. Rhodes, instructor.
 December 7-12, Newton, R. R. Hobbie, secretary; F. W. Hitchcock, Judge.

Blue or Slate-colored Turkeys.

Do you know where I can find the large blue or slate-colored turkeys? want to buy and would be pleased to know of parties having them.

ANNIE M. CLOUSE.

Kingman County.

There is a standard breed of turkeys called Slate turkeys, in color slaty or ashy blue. We presume these are what our correspondent refers to. They are not bred extensively in the West and we know of no one having them for sale. They are about five pounds lighter in weight than the Bronze turkeys and are not considered as hardy. If a smaller turkey than the Bronze is desired, the White Holland is a fine breed, the meat not being so coarse as the other and having the advantage of white pin-feathers.

Poultry-house Questions.

EDITOR KANSAS FARMER:—Kindly answer the following questions in "Poultry Yard" column:

1. What are the objections to the plastered poultry-house, aside from cost?

2. What size and shape of lumber should be used for roosts?

3. How high from floor is best, say for small breeds?

4. Are hinges the best to use for attaching the roost frame to house so it can be lifted out of the way when cleaning the house? JNO. FOX, JR. Marion County.

1. There are two objections to a plastered poultry-house: The first is that the fowls will pick off the plaster as high as they can reach in a very little time. This could be remedied by boarding up two feet all around the parts to which the fowls have access. The other objection is that the plaster absorbs the moisture and is apt to make the house damp. In very cold weather in a closed house, fowls give out considerable heat; this condenses into vapor and is absorbed by the plaster. The remedy for this objection would be to have the house thoroughly ventilated. But for these objections a plastered house is all right and can be made warm and air-tight, which is what laying fowls need in the winter.

2. About one and a half inches square is the right size for roosts. The upper corners should be rounded off.

3. Twelve inches is high enough for the roosts, and all should be of the same height, not one above the other, ladder fashion. The advantages of a low and uniform roost are that it prevents bumblefoot and other diseases of the foot, and obviates all quarreling and fighting on the part of the fowls to gain the topmost roost.

4. We have found hinges to be all right for connecting the roost frame to the house. We also have a cord attached to the outer end of the frame and connected with a pulley, so that the roost frame can be lifted up from the alleyway, without going into the pen where the fowls are confined.

Fattening Turkeys.

As Thanksgiving will soon be here, it is evidently time to think of fattening that turkey for the mid-day feast. While any kind of an old turkey might be acceptable on ordinary occasions, something extra should be provided

for the Thanksgiving dinner! If you have turkeys for sale, it will pay you to fatten them for market as the more flesh the bird lays on the greater will be the price received for it. Since this is the case it is to the owner's advantage to have the birds weigh as much as possible. The manner of fattening a bird may be easy, yet there are two ways of doing it. One way is to do it as cheaply as possible, and another is to pamper and cram them and make them cost more money than you can get in return. There is an intermediate course and this should be adopted. The turkeys which have had a good range and which have been well kept are the ones which are the most easily fattened. If a turkey has been starved and stunted, no amount of feeding will make a prime, juicy, or large table bird of it. Begin to feed them extra food about three weeks before you intend to market them. The turkeys are now unable to secure insects enough for animal food and it is well to feed them meat or beef scraps two or three times a week.

Some breeders advocate confining the turkeys and laying before them all they will eat; but a turkey when confined will pine away almost to a skeleton, and cramming would have to be resorted to in order to put them in flesh. This is not only an unnatural way of feeding them but also a tedious and expensive one. We would give them their ordinary range. Feed them twice a day a mash consisting of a little so as to make it as appetizing as possible. At night let them have all the corn they can eat, and at all times give all the skim-milk they will drink. This method will fatten them thoroughly and do it economically.

Revolutionizing the Poultry Business.

Very few people realize what a revolution is going on in the poultry business of this country. From the beginning of poultry history up to within a very short time, the handling of market poultry in the country has been almost a matter of barter. It was customary for farmers and others to select what poultry they had to sell and take it to the nearest town and sell it for cash or barter it for goods with the merchants of the town. Or a huckster would go about in a wagon and gather up the surplus poultry and either sell it to the merchants or ship it to some commission merchant in the city, each separate transaction involving but a small amount of money and the whole work being conducted on a small scale.

Then the big packing firms which had revolutionized the meat business of the country began to take an interest in poultry. They established packing plants in various places and began to buy poultry, bidding against the country merchants and securing the bulk of the crop. In reviewing the situation in the West an exchange says:

"The poultry business is now just coming under the influence of the same conditions which have so radically revolutionized the meat industry in the last twenty-five years. Cold storage and refrigerator transportation are opening possibilities in poultry-production that will tremendously increase the importance of the industry in the next decade. Under old conditions poultry consumed in any section of the country was of local production, as chickens bear long, live shipment but poorly. With the application of refrigeration will come a change, both in production and distribution. Production, instead of being confined to localities in ready touch with markets, will concentrate in the districts where poultry can be produced most cheaply. In other words, the center of production, as in the case of beef, will be near the grain fields and especially in the corn belt. An-

POULTRY BREEDERS' DIRECTORY.

S. C. B. LEGHORNS—Choice cockerels for sale. Eggs in season, \$1 per 15; \$4 per 100. J. A. Kauffman, Acme, Kans.

INDIAN RUNNER DRAKES and White Wyandotte cockerels for sale. \$1.50 each. L. D. Arnold, Salina, Kans.

BARRED PLYMOUTH ROCK roosters, \$1 each. Satisfaction guaranteed. Ethel J. Williams, R. F. D. 2, Williamsburg, Kans.

BLACK LANGSHAN EGGS for sale, 5 cents a piece. Minnie M. Steel, Ridley, Kans.

BARRED ROCKS ONLY—Heavy boned, vigorous stock, unlimited range. Eggs carefully and securely packed. 100, \$4; 15, \$1. Adam A. Wier, Clay Center, Neb.

FOR SALE CHEAP—Pedigreed Scotch Collie pups. W. H. Richards, V. S., Emporia, Kans.

GEN POULTRY FARM has for sale 400 Buff Plymouth Rock chicks, also 100 last year's breeding stock. Prices reasonable. C. W. Peckham, Haven, Kans.

COLLIE PUPS AND B. P. ROCK EGGS—I have combined some of the best Collie blood in America; pups sired by Scotland Bay and such dams as Handsome Nellie and Francis W. and others just as good. B. P. Rock eggs from exhibition stock; none better; 15 years' experience with this breed. Eggs \$1.50 per 15. Write your wants. W. B. Williams, Stella, Neb.

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A Condition Powder (BERK'S REMEDY) which years of experience has proven a never-failing remedy and preventive of Chicken Cholera, as well as Distemper and Influenza in live stock. Send for list of testimonials of leading Kansas breeders, and a sample box. Price 50c. Manufactured and sold by J. H. SCHLEGEL & CO., Topeka, Ka s.

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- Roup Pills.....25c
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Barred Plymouth Rocks, White Plymouth Rocks, Buff Cochins Partridge Cochins, Light Brahmas, Black Langshans, Silver Wyandottes, White Wyandottes, Silver Spangled Hamburgs, Brown Leghorns, and Belgian Hares. First-class Standard Stock of Superior Quality. Stock For Sale. Eggs in Season. Write Your Wants. Circular Free.

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White Plymouth Rocks

EXCLUSIVELY.

Three Grand Yards of the Best Strains in the Country

White Plymouth Rocks hold the record for egg laying over any other variety of fowls; eight pullets averaging 289 eggs each in one year. I have some breeding stock for sale at reasonable figures. Eggs in season, \$2.00 per 15, expressage prepaid anywhere in the United States. Yards at residence, adjoining Washburn College. Address

THOMAS OWEN, Topeka, Kansas.

BEATS INCUBATORS. New System

best of all. 1723, 2496 and 2633 chicks hatched. Full particulars free.

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

other change will be in the direction of production on a large scale instead of chicken-raising as a mere incident to farming. In the past chickens have either been shipped alive to market centers, to be killed just before being offered to the consumer, or killed on the farm and shipped to the commissionman for immediate disposition. From an economic standpoint either method is wasteful. The by-products in the shape of feathers and offal are practically wasted.—Commercial Poultry.

Read our Blocks of Two offer.



VICTOR Incubators
 are truthfully pictured and their actual working told in about 30 of the 80 pages of our new catalogue. The rest of the book gives information about the chicken business. We begin the story in the egg and end it with the marketing of the fowls. There's a knowledge which will benefit anyone and may mean dollars to you. Our incubators are driving hens out of business. They work regardless of weather or of seasons. You can count on hatching every fertile egg. Money back if not all we claim. We pay freight. The book is free. Just say "Send Victor Book" and we'll do it. GEO. ERTEL CO., Quincy, Ill.

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 F. C. AUSTIN MFG. CO., CHICAGO.

\$10.00 A Sweep Grinder For \$10.00
 We manufacture Wind Mills, Steel Towers, & Feed Grinders. All sizes & styles. Write for catalog & prices.
 CURRIE WINDMILL CO., Topeka, Kansas.

WE PAY FREIGHT
 ON Advance Fence. Sell you the fence at wholesale and allow you 30 days free trial. No other maker of fence offers the farmer so liberal a proposition. We sell you best fence made at lowest price, and save you all intermediate profits. Write for FREE FENCE BOOK and facts.
 Advance Fence Co., 37 E St., Peoria, Ill.

CORN CRIB Holds 400 Bu.
 Cheap, handy and economical, can be set up in ten minutes. Ask your lumber dealer for the "Denning Crib." If he has not got them write us for prices. We manufacture woven wire and lawn fence.
 THE DENNING FENCE WORKS, Cedar Rapids, Iowa

HONEY
 For Kansas, Missouri and Oklahoma.
 Two cans, 120 pounds net—amber, \$7.50; whitest \$9.00. Also small cans, all sizes. Comb honey in one-pound sections, 11 to 12c. See price list. Nothing but genuine bees' honey. (Reference, Kansas Farmer Co.) Address
 Arkansas Valley Apiaries, Check & Wallinger, Las Animas, Colo

WHEN IN CHICAGO
 Stop at the **New Northern Baths & Hotel Combined**
 8 floors. Fine new rooms. Meals a-la-Carte at all hours.
BATHS OF ALL KINDS. Turkish, Russian, Shower, Plunge, etc. The finest swimming pool in the world. Turkish Bath and Lodging, \$1.00. Most inexpensive first class hotel in Chicago. Right in the heart of the city. Booklet on application.
New Northern Baths & Hotel
 14 Quincy St.—CHICAGO—Near State

Michigan Farm and Timber Land ON CREDIT

\$200 on Easy Payments Will Buy 40 Acres of the Best Fertile Land in Michigan Close to Market
For All a Safe Investment—For the Poor Sure Independence

The Upper Peninsula Land Co., Limited, of Detroit, Mich., has acquired, on the most favorable terms, large tracts of timber and virgin farming lands in the Upper Peninsula of Michigan.

These great tracts of high-class timber and farm properties lie along the lines of the Soo, South Shore, Munising and M. & S. E. railroads, and will be disposed of to small investors and settlers.

Full information regarding the Upper Peninsula Land Co., Limited, can be obtained from the Cleveland-Cliffs Iron Co., which has been operating in the northern peninsula of Michigan for 52 years and which any banker or commercial agency will tell you is one of the largest iron companies and owners of iron properties and timber lands in the country.

Before looking up the lands, satisfy yourself regarding us. Ask your home bank to look us up. They can do it through the Marquette National Bank, Marquette, Mich.; Manistique Bank, Manistique, Mich.; First National Bank, St. Ignace, Mich.; The Newberry Bank, Newberry, Mich.; First National Bank, Sault St. Marie, Mich.; Munising State Bank, Munising, Mich.; First National Bank, Escanaba, Mich.; Peoples Savings Bank, Detroit, Mich.; State Savings Bank, Detroit; Colonial Trust Co., New York; Cleveland-Cliffs Iron Co., Cleveland, Ohio; Bank of Commerce, Cleveland; Mercantile National Bank, Cleveland.

Values Can Not Be Questioned.—There is no question about the value in what we have; it can be seen by you as it has been by others.

We employ the most reliable woodsmen to carefully estimate all the timber on every acre we have. On his report on the timber on each 40 acre tract we put our price, which varies according to the amount of timber on each 40, figured at the regular market price for standing timber.

Detailed Information Furnished.—We will send you a copy of our woodman's report, showing the amount of each kind of timber on any given 40 acres, with our timber valuation which you can verify.

A great deal of this land which is heavily timbered will be sold at just the value of the timber itself with no charge for the land; and in other cases where there is only a little timber but amply sufficient for farming purposes we will sell just for the value of the land with no charges for the timber. We will sell land in lots of 40 acres up.

You Get Mineral Rights Also.—Owing to the fact that the upper peninsula of Michigan is known to be rich in mineral resources, especially iron and copper, it is the custom to reserve all minerals from the sale of land.

We, however, give you a clear deed without any mineral reservation so that you will get full benefit of anything that may be found.

The land itself is fine farming land and the taxes are very low. The soil will raise anything and is easily worth \$5.00 per acre without the timber. The lands are increasing in value so rapidly that a purchase of this nature is attractive merely as an investment. It is of a variety of fertility which suits it to the raising of crops now most in demand, fruit, celery and sugarbeets. Fruit is grown as abundantly and as profitably here as in the well known fruit belt of the southern peninsula. We have large tracts of the same black loam which has produced the world famous celery at Newberry; sugarbeets grown here yield a larger percentage of sugar than in any other section of the middle west, from 18 to 19 per cent. being the average. These figures are furnished by the State Agricultural College at Lansing. The demand for these crops needs no comment from us and the opportunity not only for comfort and good living, but for independence, lies waiting for the man who will come and raise them. Stock is raised and bred here with great success, and stock experts, recently over the territory, say it offers extraordinary opportunities for this industry. The staple farm crops grow abundantly and luxuriantly, for the country is blessed with plentiful rainfall. It is a wonderful thought of and general crop failure is unknown. The mines, timber and wood-working industries furnish the best market in the world for your timber and products at your very door.

We will make our terms of payment easy: 1/4 down and balance in 1, 2 and 3 years at 6 per cent. Investigate this at once. When writing us state number of acres and the class of land you desire, and we will send you detailed reports and information for your investigation. Upper Peninsula Land Co., Ltd., 829 Washington Arcade, Detroit, Mich.

J. G. PEPPARD, MILLET CANE SEEDS

1181 to 1117 West 8th St. (Near Santa Fe St.) Kansas City, Missouri. CLOVERS TIMOTHY GRASS SEEDS

Plant Trees For Posts

Catalpa, Osage, and Russian Mulberry Seedlings, one year old for planting. The Catalpas are from seed selected from known Speciosa trees. Write for prices stating number wanted.

Peters & Skinner, North Topeka, Kansas.

We Sell Direct to the Planter

Saves Agent's Commission of 40 Per Cent. Certificate of Genuneness furnished. Send now for Illustrated Catalogue free, if you need TREES of any kind. Freight prepaid. Packing and Boxing Free. Address

Wichita Nursery, Wichita, Kans.

BLACKLEGOIDS

BEST PREVENTIVE OF BLACKLEG.

Blacklegoids afford the latest and best method of vaccination against blackleg—simplest, safest, surest. They are always ready for use; no filtering, measuring or mixing is necessary. Accuracy of dosage is always assured, because each Blacklegoid (or pill) is exactly sufficient for one inoculation. Administration with our Blacklegoid Injector is easy. The operation need not consume more than 3 minutes. Blacklegoids are sold by druggists; ask for them.

Our newly printed eight-page folder on the "Cause and Nature of Blackleg" is of interest to stockmen. Write for it; it is free.

PARKE, DAVIS & CO. DETROIT, MICH. Branches: New York, Kansas City, Baltimore, New Orleans, Chicago, Walkersville, Ont., Montreal, Que., London, Eng.

Stock and Grain Ranch FOR SALE.

2,000 Acres, 400 acres in cultivation, balance divided in five pastures. All watered by continuous running streams. Eight-room residence—almost new good barn and granaries. This is one of the best ranches in southwestern Kansas. Will sell very reasonable and on most liberal terms.

S. B. ROHRER, Topeka, Kansas.

Army

Life Caused Chronic Headaches

Stomach Trouble All His Life

Dr. Miles' Anti-Pain Pills Cured him of Both

As is very frequently found the stomach trouble and headache in the following case came from the same cause. Dr. Miles' Anti-Pain Pills, like all of Dr. Miles' Remedies, are designed to cure the disease, not the symptoms. This readily explains why these sterling medicines can cure such a variety of diseases. There is no remedy, formula or prescription which in any way equals Dr. Miles' Anti-Pain Pills for the speedy cure and relief of headache and kindred ailments. "Up to the age of twenty-three my son was greatly troubled with severe pains in the stomach. After he had served his term of enlistment with the army in the Philippines he came home and was unfit for anything because of terrible headaches. He found that Dr. Miles' Anti-Pain Pills not only relieved him of the headaches, but would prevent an attack if taken in time. He continued their use for some time and to his surprise and delight he found they had cured the stomach trouble also. You may imagine how grateful both he and myself feel to you for the good the Anti-Pain Pills have done him. I may add that I have used your medicines in our family for many years and keep a bottle of Nervine in the house all the time. I think it an ideal household remedy and all the remedies are just what you recommend them to be. You have my permission to publish this."—Mrs. M. L. Farrar, Walla Walla, Wash.

All druggists sell and guarantee Dr. Miles' Anti-Pain Pills. They are non-laxative; contain no opiates, never sold in bulk, 25 doses, 25 cents. Dr. Miles Medical Co., Elkhart, Ind.

HEAT YOUR HOUSE WITH A Compound Radiator Furnace.

It will save one-third of the fuel, keep all of dust and ashes in the cellar, keep the floor warm and all of the rooms an even heat, the same as summer. Will burn four-foot wood, cobs or any kind of coal. Any handy man can set it up and connect the pipes in two days in an ordinary house. Price with galvanized casing, all complete, less than a good stove. Send for catalogue Address—The Iowa Grinder & Steamer Works, Waterloo, Iowa.

FINE DAIRY STOCK FARM FOR SALE.

240 acres located on Badger Creek, Lyon County, Kansas, divided as follows: 150 acres in cultivation (100 acres bottom land), 10 acres orchard, 20 acres good timber, 60 acres pasture and meadow land. Good improvements. Eight-room house in nice grove, new creamery building (cost \$750), two good barns, cattle sheds, chicken house, hog house, coal house, two ice houses, two silos (100 tons each), never-failing water, pond and three wells, elevated tank and windmill, underground water pipes with hydrants, two stock tanks with floating valves and tank heater, 40 acres in alfalfa. Three miles from railroad station, 8 miles from Emporia (county seat), 10,000 population. Long-distance telephone connecting with Emporia exchange and all parts of the State goes with the farm. Fifty cows kept on this farm at present. Would like to lease creamery building of purchaser and will contract to take all milk produced on farm by the year. Price \$50 per acre. Easy terms. Address owner, G. W. PARKMAN, Emporia, Kansas.

LAND FOR SALE OR EXCHANGE

In Barton County, Kans., the Banner wheat county of the State; raised this year over 5,000,000 bushels. You can buy a first-class wheat farm from \$20 to \$40 per acre, with good improvements, three to ten miles from county seat. Barton is one of the very best counties in the State; good schools, churches, fine soil and healthy climate. I will take great pleasure in giving you all information you may ask for, having lived in the county 29 years. I also have for sale a number of choice farms in Pawnee County at such prices that one good crop will pay for the land. The Pawnee Valley in Pawnee County is one of the richest valleys of land on the map. I can sell you the best from \$10 to \$17.50 per acre. I have sold more land in the past two years than all other agents in Central Kansas. For further information call on or address JOE S. EWALT, Great Bend, Kans.

FARMS in CALIFORNIA

52,000 acres irrigated lands in Fresno county, California. Raisin and Fruit Center of the World

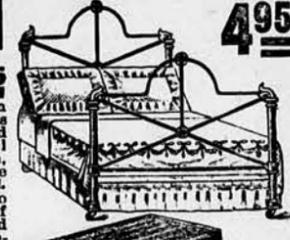
Dairying and Stock Raising. For sale in tracts to suit on easy terms. For particulars and terms address S. N. GRIFFITH, Resident Agent, Fresno, Cal., or 99 Dearborn Street, Chicago, Ill.

THRIFTY FARMERS!

are invited to settle in the State of Maryland, where they will find a delightful and healthy climate, first-class markets for their products and plenty of land at reasonable prices. Maps and descriptive pamphlets will be sent free upon application to H. BADENHOOP, Sec'y State Board of Immigration, Baltimore, Md.

The Greatest BED BARGAIN

Handsome IRON BED, STEAD, WOVEN WIRE SPRINGS and SPECIAL MATTRESSES, all complete, ONLY \$4.95. We defy anyone to duplicate this outfit at retail for less than \$9 or \$10. Our price on this bed is actually lower than it costs to manufacture them. Read this Description: Height of bed 49 inches; has 1/2 in. corner posts; 6-16 in. fillings; wrought steel connections, and is carefully and accurately fitted; full length, widths either 4 ft. 6 in. or 5 ft. 6 in., as desired; side rails same as on regular iron beds. Choice of colors, white or green enamel. The Springs are first class double woven wire, attached to hard wood frame, securely braided. Mattress, good grade of ticking, with special wool top on excelsior. Mattress and bed are carefully wrapped for shipment. Order at Once to secure this wonderful low price. With Your Order for this outfit we will send with the shipment FREE our complete 700 page Catalogue, quoting wholesale prices on everything. If you prefer to have the catalogue before ordering, send 10c, stamps or coin, to cover 1/2 the postage and it will be sent prepaid. You cannot afford to be without it. O. L. CHASE MERCANTILE CO., Dept. K6, Kansas City, Mo.



\$200,000,000 PRODUCED BY CLEAR CREEK COUNTY

Where the Gold Hammer M. & T. Company's Property is Located

Property within 600 feet has produced \$3,000,000. Shaft is now down 220 feet in good ore. We must have heavier machinery and are selling Treasury Stock to buy it for ten cents per share. Write for full particulars. IT WILL MAKE YOU BIG MONEY. Mining with us is a "business, and not a gamble." Live Agents Wanted. W. H. COMBS, Sec'y and Treas., 722 Equitable Bldg., DENVER, COLORADO.

DODD, DOOLEY & CO

A. J. DOOLEY, Manager, Topeka, Kansas. Manufacturers of PURE SOFT COPPER CABLE Lightning Rods. Endorsed by the Farmers' Mutual Insurance Company of Kansas. Prices the very lowest. Send for free booklet on the Laws and Nature of Lightning and how to control it. A good man wanted in every county to handle our goods. References—100,000 farmers in Iowa and adjoining states, and the Kansas Farmer, Topeka, Kans., Iowa Homestead, Live Stock Indicator, Wallace Farmer, of Des Moines, Ia., Cashier of Bank of Topeka, Kan., and The Mail and Breeze.

Going to Move this Fall!

If so, we have just a word for you. It's this: There are portions of the Southwest where it is most desirable to locate. We want you to make a careful selection—we have no land to sell, so don't mistake our motive.

We are interested in building up the country traversed by the Santa Fe. It will be to our mutual advantage if you locate on our line. Can we not assist you? We have illustrated descriptive literature which will gladly be sent. We have also a list of reliable land agents to whom we can refer you, if you wish.

If you think of making an investment in a ranch or farm, write to Address No. 1. If you wish to establish a manufacturing plant, or engage in any industry, write to Address No. 2.

No. 1.
W. J. BLACK,
Gen. Pass. Agt. A. T. & S. F. Ry.
Topeka, Kans.

No. 2.
WESLEY MERRITT,
Ind. Comr., A. T. & S. F. Ry.
Chicago.

Gossip About Stock.

(Continued from page 1137.)

Armour imported animal in one's herd is to make that herd famous at once. The sale at Kansas City will offer the best of both imported and home-bred Hereford cattle, and the writer has never known a purchaser at an Armour-Funkhouser sale who has not made big money out of his purchase. We have in mind an Armour importation, Lady Alberta, whose calf by Lord Earling was a prize-winner at the American Royal last week and whose owner says that she is simply above price. She belongs to the Vermillion Hereford Cattle Company, Vermillion, Kans. In the present condition of the cattle market there has not been such an opportunity for years to engage in the pure-bred cattle business, either by the starting of new herds or by the injection of new blood into old ones. It never pays to buy tolerably good cattle. They are money-losers in the long run. A tolerably good bull is like a tolerably good egg, nobody wants him. A good bull, on the other hand, is a money-maker for his owner and always finds ready sale when it is necessary to change herd bull. The quality of the Armour-Funkhouser offering is such that we should like to see a thousand buyers present in order to do it justice. Remember the date and place, November 17 and 18, at Kansas City, Mo., Fine Stock Pavilion, where 108 head of imported and American-bred Hereford cattle will be sold at the price you make for them.

On October 3, in the new sale pavilion at Ottawa, Kans., was held one of the most remarkable sales of pure-bred hogs that has been held in Kansas for many years. This statement is warranted by the fact that one year ago at the Ottawa fair there were exhibited two herds of Duroc-Jersey swine. As Ottawa is the center of a Poland-China and Chester-White breeding community a majority of the visitors at the fair last year saw Duroc-Jersey swine for the first time. So far as is known there were none bred in Franklin County at that time. This fall at the fair there were more Duroc-Jerseys shown than all other breeds combined, and they were home-bred hogs. Mr. J. F. Staadt, of Pomona, was the heaviest exhibitor and the largest prize-winner and so when his sale was held on October 3, good prices were expected. In this sale he included a number of his prize-winners. The catalogue showed a total of 47 head, which sold for \$1,297.50 average \$27.61. As the market was good Mr. Staadt put in four more head of youngsters with a result that the fifty-one head brought \$1,364.50, or an average of \$26.75. His real average for the sale, however, was \$27.61. The top price of the sale was brought by sow and litter of ten which went to L. A. Keeler, of Ottawa, for \$120. Mr. Staadt is a comparatively new breeder in Kansas, but he has evidently started right and is most heartily welcomed to this State. Among the purchasers were the following: H. R. Gengerich, Ottawa; E. E. Powers, Ottawa; C. H. Falchid, Edgerton; A. K. Allison, Paola; W. H. Hester, Princeton; B. F. Nelson, Richter; Wm. Kreeck, Route 4, Ottawa; E. B. Rozell, Ottawa; J. T. Lawrence, Osawatimie; L. A. Keeler, Ottawa; A. S. McCandless, Ottawa; J. A. Liggett, Ottawa; A. J. Jasper, Lebo; A. E. Carpenter, Wellsville; August Jacob, Le Loup; H. Keith, Ottawa; W. E. Hoag, Ottawa; G. G. Vandresser, Richter, D. W. Fullerton, Ottawa; Ed. Staadt, Paola; F. W. Staadt, Paola; J. M. Everett, Wellsville; M. Runyan, Baldwin; John Litch, Princeton; O. Turner, Baldwin; Robert Blow, Princeton; T. A. Baker, Ottawa.

The Youth's Companion in 1904.

As the years increase The Youth's Companion endeavors to keep pace with them in all that is wise, beautiful, and progressive, and not only to retain but to deserve the honorable and exceptionally high place it holds in the confidence and affection of three generations of readers. The greatest living authors in all branches of literature continue to contribute to it. Among the important series of articles will be one on the occupation of the farmer in many parts of the world—in England, in Ireland, in India, in Argentina, etc. The annual Announcement Number of The Companion, describing the principal features of The Companion's new volume, will be sent to any address, free.

The new subscriber for 1904 will receive all the issues of The Companion for the remaining weeks of 1903 free from the time of subscription; also The Companion Calendar for 1904, lithographed in twelve colors and gold.

THE YOUTH'S COMPANION,
144 Berkeley Street, Boston, Mass.

California, the Beautiful.

Now's your chance—cheap rates to California! \$30 from St. Louis, \$25 from Kansas City. Tickets on sale daily until November 30. Personally conducted excursions on "The Katy Flyer" from St. Louis on Tuesdays of each week. Tourist car through to San Francisco. Ask for tour book and information. George Morton, G. P. & T. A., M. K. & T. Ry., Suite R, The Wainwright, St. Louis, Mo.

Great Success.

2005 East Biddle Street, Baltimore, Md. March 29, 1903. Dr. B. J. Kendall Co., Enosburg Falls, Vt. Gentlemen: I have used your Kendall's Spavin Cure for several years and during that time I have found it a great success. Will you please send me one of your "Treatise on the Horse and His Diseases?" Very truly yours,
THOMAS O'SHEA.

Looked Like a Corpse.

Lewiston, Minn., March 8, 1902. Last harvest, while shocking corn, the weather being very warm, I was taken with cholera morbus so bad I thought I would die; my wife said I looked like a corpse. I went to the house and took some of Watkins' Vegetable Anodyne Liniment, two or three doses, and before night I was able to go to work again. I wouldn't be without the liniment in th house if it cost \$5 a bottle.
John Heltzman.

The Angora Goat Sale.

There was a large attendance at the sale of Angora goats yesterday afternoon and the bidding was quite spirited. The feature of the sale was the purchase of the sweetstakes buck, Dick, Jr., the property of Frank Landrum, of Lagura, Tex., for \$1,300, by E. L. Witt & Sons, of Montell, Tex. A yearling doe, Oregon Beauty 2d, property of Craig Bros., of Macleay, Ore., was sold to J. J. Gentry, of Lagura, Tex., for \$900.

Before the commencement of the sale, addresses were made by Dr. John R. Standley, of Platteville, Iowa, formerly chief inspector of the American Angora Goat Breeders' Association; ex-President J. M. Stewart, of Lewiston, Ill., and Col. L. D. Burch, of the American Sheep Breeder, Chicago. After these addresses sales were made as follows, Zack Wells, auctioneer:

Yearling buck, Dick, Jr., property of Frank Landrum, winner of the sweepstakes, sold to E. L. Witt & Sons, Montell, Tex., for \$1,300.

Yearling doe, Oregon Beauty 2d, property of Craig Bros., Macleay, Ore., which won second place in her class, sold to J. J. Gentry, Lagura, Tex., for \$900.

Two-year-old buck, King Charles, property of C. D. Taylor, Macon, Mo., sold to Mrs. M. Armer, Kingston, N. M., for \$150.

Two-year-old doe, won first prize in her class, property of E. L. Witt & Sons, Montell, Tex., sold to E. D. Ludlow & Co., Lake Valley, N. M., \$210.

Yearling buck, property of Craig Bros., sold to J. J. Gentry, \$175.

Two-year-old buck, Leopold of Kingston, property of Mrs. Armer, sold to L. B. Bellows, Hardy, Iowa, \$145.

Yearling buck, African Prince, imported sire and dam, property of C. P. Bailey & Sons, sold to Kuchen & Weaver, Barksdale, Tex., \$105.

Yearling buck, Oregon Stock, property of J. W. Troutman & Sons, Comiskey, Kans., sold to George H. Baldwin, Mendon, Ill., \$15.

Buck kid, Macleay, property of Craig Bros., sold to E. D. Ludlow & Co., \$200.

Buck kid, property of E. D. Ludlow & Co., sold to L. P. Witt, Montell, Tex., \$35.

Buck kid, property of Troutman & Sons, sold to D. D. Spencer, Lansing, Kans., \$13.

Three-year-old buck, property of A. L. Sellers, Lathrop, Mo., sold to L. W. Allen, Verona, Mo., \$13.

Yearling buck, property of A. E. Burlough, Knox City, Mo., sold to H. H. Hague, Walton, Kans., \$5.

Yearling bucks, three head, property of A. E. Burlough, sold to L. W. Allen, \$10 for the lot.

Yearling does (3 head), property of Jno. W. Troutman & Sons, sold to D. Wizenberg Bros., Sedalia, Mo., \$5.50 each.

Four-year-old does (5 head), property of A. E. Burlough, sold to Dr. W. C. Bailey, \$5.50 each.

Two-year-old buck, property of A. E. Burlough, sold to Jno. M. Smith, Kansas City, Mo., \$7.50.

Roadly—A New Townsite in Bremer County, Iowa.

Opening sale of lots will take place November 10. On that date special trains will be run from Dubuque, Marshalltown, Fort Dodge and McIntire, Iowa, and intermediate stations. For particulars address E. B. Magill, Mgr. Townsite Department, Chicago Great Western Railway, Fort Dodge, Iowa.

Low Rate Excursions

On the first and third Tuesdays of each month to Texas, Indian and Oklahoma Territories via M. K. & T. Ry. Take advantage of the opportunity offered and see the Great Southwest in all its glory. "Texas," "Business Chances," "Indian Territory," and other booklets, brimful of information, will be sent on receipt of two-cent stamp to prepay postage. Address George Morton, G. P. & T. A., M. K. & T. Ry., Suite Q, The Wainwright, St. Louis, Mo.

Publisher's Paragraphs.

Every reader of the Kansas Farmer interested in an advantageous purchase of steel or wood scales, feed cookers, graders, gasoline engines, windmills, pumps, tanks, wagons, carriages, harness, etc., will find some particularly attractive bargains in the new advertisement of the Union Scale Co., Des Moines, Iowa, on page 1143.

The new Sure Hatch 1904 catalogue is now ready for mailing. No poultryman or fancier should be without this valuable book. It is beautifully illustrated and gives dozens of photos of the machines in actual operation in the hands of the people in all parts of the country. The incubators and brooders are described fully in every section and in addition this book contains sound poultry sense. Send for one, free, to Sure Hatch Incubator Co., Clay Center, Neb.

One Fare Plus \$2, Round-trip Rate via Chicago Great Western Railway.

To points in Canadian Northwest, Minnesota, North Dakota, Manitoba, Idaho. Ample return limits. Tickets on sale November 3 to 17. For further information apply to Geo. W. Lincoln, T. P. A., 7 West 8th st., Kansas City, Mo.

THE MARKETS.

Kansas City Live-stock and Grain Market.

Kansas City, Mo., November 2, 1903. Owing to a scarcity of corn cattle among arrivals, best steers sold 10c higher here to-day, while plain grass cows and all canning stuff remained unchanged. A drove of Kansas-fed steers, averaging 1,608 pounds brought \$5.45 for tops. Receipts aggregated 14,000 head. Good heifers also advanced somewhat. The stock calf market ruled extremely dull, with prices demoralized.

Hog receipts totaled 5,000 head, not averaging good in quality. Tops commanded \$5.40 and bulk of sales was at \$5.10@5.30. Compared with a week ago, the swine market is off 10¢@25¢. Receipts are still running light at all points but the packers have taken a stand to bear prices and they are succeeding well. Desirable light-weight stock continues to outsell the heavy kinds.

PITLESS NO PIT TO DIG STEEL FRAME.



Scale complete when it leaves factory, except floor plank.

NATIONAL PITLESS SCALE CO.
22nd and Wyandotte Sts. Kansas City, Mo.

TAKE YOUR OWN WEIGHTS FOR \$29.75



Don't take the other fellow's weight on your grain and live stock. With one of our absolutely perfect **Rollant 5-Ton Scales** only \$29.75 you take to town every trip. No guessing. It saves money and gives satisfaction. Sold under five year warranty on 50 DAY'S FREE TRIAL. Ball Bearings, Interchangeable Parts, Full Compound Beam, No Loose Weights, Best Construction. No risk to you. No better scale made. You can erect it yourself, no expert needed. Remember a 5-Ton FULL Compound Brass Beam Scale for only \$29.75. Send for Catalog. O. L. CHASE MERCANTILE CO., 1485 W. 9th St., Kansas City, Mo.

MAINS' HERD OF POLAND-CHINAS



Over 200 Head with fall farrow, of large, early litters, good length and heavy bone, sired by Perfection Style 3000 S, he by Chief Perfection 2d, Kamp's Perfection 2d, L's Perfection 2d, and other noted boars out of well-selected sows of the latest leading strains. The spring farrow has been reserved for this fall's trade. I think I can furnish what you want.
JAMES MAINS, Oskaloosa, Kansas.

...Cash For Cattle...

Registered cattle, all beef breeds, Shorthorns, Herefords, Angus, and Galloway bulls and heifers, singly or in car-lots, at right prices, always sold strictly on their merits and strictly on commission.

Mr. Buyer: These cattle, from 100 to 300, can always be found in our barns in South Omaha. They are consigned to us by the best breeders in America, and you can get a choice of thirty different men's breeding. We always have some choice herd-heads of the very best breeding; have your commission man select one for you if you can not come.

Mr. Breeder: Adopt new methods and consign your registered bulls to us. We will sell them for what they are worth and entirely to your satisfaction. We sold in the last three months over 1000 registered bulls and heifers. Ship us no cattle without first writing us. Our charges are \$10 per head and 30 cents per day for feed and care. We have stall room for 250 head.

On September 1st we received a large consignment from the noted herd of W. D. Flatt, of Hamilton, Ontario, both bulls and heifers. This is a chance to get some good ones.

Address all communications to us at Lincoln, Nebraska. **WATSON, WOODS BROS. & KELLY CO.**

Special Sale of Poland-Chinas

Preparatory to change of location I am offering at private treaty my entire herd of Poland China swine, consisting of yearlings and spring boars, sows with litters at foot, bred sows, gilts and weanlings. My herd boar, Guy's Corrector, by the \$2500 Corrector, first dam by Proud Perfection, second dam by Perfect I Know, shows a line of breeding that can not be excelled. Sows are fashionably bred and everything recorded or eligible. Send for circular. If you want Poland Chinas, write today as they must be closed out.

FRANK E. GUY, Oberlin, Kansas.
This announcement will not appear again.

SECOND ANNUAL POLAND-CHINA SALE

At the Home of the Kanwaka Herd at
Lone Star, Kans., Thursday, Nov. 12, 1903,
60 FANCY POLAND-CHINAS

Well-fed and grown, and of first-class quality. Those coming by rail to Lawrence or Overbrook will find conveyance, which will leave either place about 10 o'clock and will return in time for trains in evening. Call at Beyerley's livery barn, Overbrook, or Godding's livery barn, Lawrence. See your local agent for time-card on different lines of road. For catalogues address

Auctioneers: { Col. J. W. Sparks,
 { Col. W. Q. Hyatt.

W. B. VAN HORN & SON, Lone Star, Kans.

HEIFERS FOR SALE.

Eight nicely bred Shorthorn heifers, three coming 3 years, and are due to calve next spring; five coming 2. Will price them at a bargain for want of room. Young bulls for sale. Address
DR. C. M. COE,
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NO MORE BLIND HORSES.
For Specific Ophthalmia, Moon Blindness, and other Sore Eyes, Barry Co., Iowa City, Ia. have a sure cure.

by only fair receipts and poor quality offerings. The latter is explained by reason of the fact that farmers are holding back their choice birds for the Thanksgiving trade. A weaker tendency generally prevailed in the poultry market throughout the seven-day period. Prime turkeys, however, are in good request and will be wanted for the next two months. Eggs recorded a slight advance owing to continued light receipts. Dealers are predicting 25¢@30¢ eggs here by Christmas time if the present heavy drain on storage stock is kept up. Hens are worth: 7c; broilers 10c; turkeys 11½c; old toms 10½c; ducks 9c; geese 5¢@7½c; wild ducks 1.25¢@5 per dozen; eggs 20½c; potatoes 65¢@75¢ a bushel.

The grain markets changed but little during the past week. Receipts of wheat aggregated 950 cars, corn 121 cars and oats 127 cars. A good export demand is noted for wheat and receipts in the Northwest continue to run light. To offset these bullish factors, however, there is the tightened condition of Eastern money markets. Corn in some Eastern districts is said to be not husking out well. The market for this grain closed firm and for oats steady to easy. No. 2 wheat is worth 72¼¢@82c; No. 4, 61¼¢@77c; No. 2 corn, 39¢@39½c; No. 4, 38¢@38½c; No. 2 oats, 37¼¢@38c; No. 4 31¢@33c. H. A. POWELL.

Special Want Column

"Wanted," "For Sale," "For Exchange," and small 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.

CATTLE.

FOR SALE—Five registered Jersey heifers, 3 years old, all fresh; and a yearling bull. M. S. Babcock, Nortonville, Kans.

FOR SALE—Choice registered Hereford bulls, 8 to 15 months old. Address, or call on A. Johnson, R. 2, Clearwater, Kans.

FOR SALE—Four thoroughbred Shorthorn bulls, color red, from 5 to 24 months old. Also a few thoroughbred cows and heifers. For prices write, J. P. Engel, Aiden, Rice Co., Kans.

RED POLLED BULLS. Some fine young bulls or sale. H. L. Pellet, Eudora, Kans.

FOR SALE—The imported Shorthorn bull Mark Hanna 127532, also several of his get, serviceable ages. F. H. Foster, Rural Route 6, Lyons, Kans.

FOR SALE—Registered Shorthorns \$50 each. Best of breeding, splendid individuals, cows and heifers bred to imported Royal Briton, calves and yearlings. Must sell carload or more. Write at once. Also some choice Poland Chinas very cheap. M. C. Hemenway, Hope, Kans.

FOR SALE—Two double standard Polled Durham bulls, one my herd bull three years old, one yearling. A. L. West, Garnett, Kans.

FOR SALE—Guernsey bulls from best registered stock. J. W. Perkins, 423 Altman Building, Kansas City, Mo.

POULTRY.

LANGSHAN PULLETS and cockerels for sale; good ones; \$1 each. Mrs. Mary McCaul, Elk City, Kans.

THOROUGHBRED Rose Comb White and Brown Leghorns, Cornish Indian Game cockerels and pullets, \$1.00 each. Mrs. John Holzhay, Bendena, Doniphan Co., Kans.

FOR SALE 40 rich-colored heavy-feathered Buff Cochins cockerels, pullets and hens at half price, \$1.00 each. H. A. Thomas, Scrant, Kans.

BARRED PLYMOUTH ROCK cockerels from \$1.50 down. Good birds. Write your wants. My birds will please you. Eggs in season. Adam A. Weir, R. F. D. 2, Clay Center, Neb.

SWINE.

FOR SALE—Three nice sows, coming 2-years old, and several good gilts; pure-bred Large English Berkshires—very cheap. O. P. Updegraff, Topeka, Kans.

DUROC-JERSEY SWINE—3 yearling herd boars, fine lot of good males and bred gilts, also pigs in pairs Pedigrees furnished. Write for prices. M. H. Alberty, Cherokee, Kans.

FOR SALE—Thoroughbred Poland-Chinas, both sexes at farmers' prices. Our fine herd boar, grandson of Perfect Perfection, after November 20. Langshan chickens. W. H. Piant, Mulvane, Kans.

FOR SALE—A few choice Poland-China boars old enough for service this fall. Also Shorthorn bulls, all reds from 10 to 20 months old, and a few good Plymouth Rock cockerels, cockerels \$1 each. A. F. Huse, Manhattan, Kans.

FOR SALE—O. I. C. pigs both sexes, healthy and thrifty; also one year sows, registered. Satisfaction guaranteed. Asa Chandler, Randolph, Mo.

DUROC-JERSEY PIGS—Recorded; also herd boar, Victor Chief. L. L. Vrooman, Hope, Kans.

FOR SALE—Pure bred Duroc-Jersey pigs, April farrow. Some very choice pigs of either sex. F. A. Hill, Durham, Kans.



Largest Optical Mail Order House in the West.

Any style glasses for \$1. Write for free examination sheet and illustrated catalogue. Satisfaction guaranteed. R. H. Baker Co., 624 Kansas Ave., Topeka, Kans.

FARMS For rich farming, fruit growing, fine climate, write J. D. S. Hanson, MICH.

PUBLIC SALE

I will sell on TUESDAY, NOVEMBER 10, 1903, at the Carroll Farm, one mile north of Seabrook and two miles west of Topeka, the following property: One thoroughbred Hereford bull, 2 years old, fresh cows, heifers, steers, calves, work horses, chickens, and a lot of farm implements. Also corn in the field and cane in the shock, single and double harness, and household goods. Sale at 10 a. m.

J. C. CARROLL.

Col. J. N. Harshberger, Salesmen. A. E. Jenes, Clerk.

LAST CALL FOR THE MORSE-M'GREW PUBLIC SALE OF POLAND-CHINAS

A clean bunch of choice stuff at Mound City, Kan., November 9.

HORSES AND MULES.

FOR SALE—Span of large mules, one roadster stallion. Will exchange part for cattle or sheep or colts. For further particulars address, T. J. Kennedy, Ozawie, Kans.

FOR SALE—Cheap, or will trade for cattle, my two black Percheron stallions, both recorded and one is imported, weight 1,700 each. Address me at Carbondale, Kans., P. O. Box 35, Col. W. Q. Hyatt.

FOR SALE—Cheap, a registered Hambletonian stallion, 16 hands, weighs 1,200 pounds, 5 years old, sound, and all right. Address G. A. Stites, Hope, Kans.

FOR SALE OR TRADE—Percheron and French Coach stallions, and one imported Shire mare, for good native cows, yearling heifers not bred, or heifer calves. W. H. Richards, V. S., Emporia, Kans.

FOR SALE—The best 1/2 Percheron stud colt in Kansas, 28 months old, 1500 pounds, also younger ones of like quality. F. H. Foster, Rural Route 6, Lyons, Kans.

FOR SALE five jacks, one to seven years old, all blacks. One Clydesdale and one Percheron stallion, registered. Would trade jack for mares. J. C. Strong, Moran, Kans.

FOR SALE OR EXCHANGE for sheep or cattle, one imported registered Percheron stallion, black. One black Missouri-bred Jack 3-year-old—will make a large Jack. Can be seen one-half mile south of city limits. J. C. Hentzier, Rural Route No. 8, Topeka, Kans.

WANTED—To buy or trade, a Clydesdale stallion for a span of good mules. H. W. McAfee, Topeka, Kans.

PROSPECT FARM—CLYDESDALE STALLIONS, SHORTHORN CATTLE AND POLAND-CHINA HOGS. Write for prices of finest animals in Kansas. H. W. McAfee, Topeka, Kans.

FARMS AND RANCHES.

WANTED—To rent a farm for crop rent, or on shares. Have my own machinery and team for both grain and stock farming. F. B. Moninger, R. F. D. 5, Ottawa, Kans.

THIS EASTERN KANSAS FARM of 160 acres for \$6,000. Joins town with two railroads, 85 miles from Kansas City, house, barn and fences good and in first class condition, deep well, never-falling water, windmill, tanks and nice orchard, 90 acres plow land, 25 acres timothy and alfalfa, strong lime stone soil. L. W. Webb, Savoy Hotel, Kansas City, Mo.

FOR SALE—A fine ranch of 2,150 acres, 4 1/2 miles from Hazelton, Kans., 600 acres in cultivation, 800 bottom land, 10 miles of 4-wire fence with posts one rod apart, good 4 room dwelling, stable for 8 horses, bins and cribs for 17,000 bushels of grain, watered by 3 miles of running water and 3 good wells and windmills. Price \$1250 per acre. A splendid ranch of 1,284 acres, 4 miles from Hazelton, 800 acres in cultivation, most of the ranch suitable for cultivation, fence in 3 fields, watered by 3 good wells and windmills, small house, small stable, and good bin, and a great bargain at \$10.50 per acre. Also a number of other good farms and ranches, all near railroad, and all at fair prices. For full particulars as to price and terms and any other information, write or call on W. C. Alford, at Hazelton, Barber County, Kans.

FORTY ACRES GOES FREE—Why not buy or sell a home by my method and save commission. W. L. Alexander, Chanute, Kans.

120 ACRES, new buildings, Osage Co., \$2,800. Bargain. Farm, R. F. D. 2, Williamsburg, Kans.

TEN ACRE FARMS—\$100, \$1 down, \$1 week, in Kansas, Louisiana, Florida, Maine, Massachusetts, New Brunswick. All you want at \$10 per acre. Bartlett, 89 Court Boston, Mass.

GOOD CATTLE RANCH—400 acres, 40 acres first and 40 acres second bottom, 8 acres alfalfa, hog light, 5 acres timber, good 5 room house, fair barn, and out buildings, good orchard, fine spring. Price, \$5,500. Garrison & Studebaker, Florence, Kans.

FARMS AND RANCHES for sale. Write for list. Kansas Realty Co., Emporia, Kans.

FOR SALE—Good farms and ranches. Write Verdigris Valley Land Co., Quincy, Greenwood County, Kans.

STOCK FARM—240 acres, 4 miles to railroad and creamery, 1 mile to school, R. F. D., 140 acres broken, balance meadow and pasture, 9 room house, barn 32 by 32, hog house and granary 20 by 40, cattle sheds etc., 8 acres alfalfa, orchard, 2 wells and cistern, good water. Cheap at \$45 per acre. D. M. Trott, Abilene, Kans.

FOR SALE quarter section in Allen County oil and gas fields. No lease, no agent. Cheap from owner. Write if you want a good investment. J. C. Strong, Moran, Kans.

FOR SALE—480-acres improved, good water. Also farms and ranches, containing 160 acres and upward. For description and terms address H. B. Gilbert Wallace, Kans.

SHEEP.

FOR SALE—Shropshire rams; one aged ram, and a few ram lambs. A. M. Dull, Washington, Kans.

COTSWOLD RAMS—Eight 2-year-olds, for sale by W. Guy McCandless, Cottonwood Falls, Kans.

FOR SALE—Registered Shropshire rams, sired by the famous ram, Look Me Over 155469. Closing out sale in December account of health. E. S. Kirkpatrick & Son, Wellsville, Kans.

FOR SALE—250 high-grade yearling Shropshire sheep in Woods County, Oklahoma. 100 ewes and 150 wethers. Time will be given to responsible parties. Address, W. W. Cook, Russell, Kans.

MISCELLANEOUS.

AGENTS MAKE \$10 daily selling solution for making mirrors; cost 2 cents, sells for 25 cents; recipe with full instructions sent for 10 cents. Address G. H. Pixley, Box 731, Wichita, Kans.

WANTED—Man of good moral character, for general work on farm. Good home, steady employment, and fair wages to the right party. Address Midland Stock and Grain Farm, Columbus, Kans.

PALATKA—For reliable information, booklets, and other literature, address Board of Trade, Palatka, Florida.

VIEWS OF TOPEKA FLOOD—Having purchased the balance of the edition of the "Views of Topeka Flood" of which many thousand sold at 25 cents each, we are prepared until the supply is exhausted to send them prepaid to any address on receipt of 10 cents. Address, Kansas Farmer Co., Topeka, Kans.

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J. A. ROSEN, PATENT ATTORNEY 418 Kansas Avenue, Topeka, Kansas.

SEEDS AND PLANTS.

FOR SALE—Texas red oats. Weight forty pounds per bushel. Write for prices and sample. Will Shelton, Sherman, Texas.

WANTED—New crop alfalfa, red clover, timothy English blue-grass, and other grass seeds. Correspond with us. Kansas Seed House, F. Barteldes & Co., Lawrence, Kans.

200,000 FRUIT TREES! Wholesale prices; new catalogue. Baldwin Nurseryman, Seneca, Kans.

EAGLE Triple-Geared Mill Meets Every Demand



GRINDS EAR-CORN OR SMALL GRAIN OF ALL KINDS

With one horse, grinds from 5 to 12 bushels wheat an hour; one bushel ear-corn in three minutes with 12 revolutions of the horse.

MADE OF BEST MATERIAL

Enclosed gearing; self oiling; burrs made of bell metal, interchangeable. Every mill guaranteed; burrs replaced at small expense.

Price \$30 f. o. b. Kansas City, delivered through our agent. See him, or write us.

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The Greatest Pumping Wheel On Earth. Specially designed for Irrigators and Ranchmen. Hardened self oiling, ball and roller bearings; governors automatically.

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MAN'S BEST FRIEND—Dr. Mutter's Quick Cure for Lost Manhood. Acts immediately. "It does the business." Sample Free. Kraigco, Chemist, Dept., 35 Milwaukee, Wis.

The Stray List

Week Ending October 22. Jefferson County—R. H. Delbert, Clerk. PONY—Taken up by Louie Welshar, in Norton tp., (P. O. Nortonville, Kans.), October 1, 1903, one dun mare pony, 10 years old, weight 600 pounds, branded on the left shoulder (K), small star in the forehead, valued at \$15.

Week Ending October 29. Barber County—C. M. Wilson, Clerk. HORSE—Taken up by W. R. Lepper, in Sharon tp. July 6, 1903, one brown gelding horse, about 750 pounds, small W on right shoulder, lump on upper jaw, valued at \$25.

Smith County—Henry A. Clark, Clerk. PONY—Taken up by J. R. Townsend, in Blaine tp., October 15, 1903, one claybank pony, mare, weight about 850 pounds, T on left shoulder, valued at \$15.

Week Ending November 5. Woodson County—J. P. Kealey, Clerk. SOWS—Taken up by C. M. Helstead, in Emblence tp.; (P. O. Yates Center), October 16, 1903, one black brood sow, with 3 pigs; also one black brood sow, with 4 pigs; about 200 pounds each; valued at \$25.

WE ARE THE OLDEST SCALE MANUFACTORIES IN THE WEST! (Incorporated in 1881.) We Have REDUCED PRICES 50 Per Cent and maintained the Quality. We do Repairing, and do what we say. We ship on approval. We pay the freight. WE SAVE YOU MONEY On Steel or Wood Frame Scales, Feed Cookers, Grinders, Gasoline Engines, Windmills, Pumps, Tanks, Wagons, Carriages, Sleighs, Harness, and Patent Specialties. Investigate. THE UNION SCALE CO., Dept. J, Des Moines, Iowa.

Omega The one that Separates The Easy Way, The Best Way, The Only Way to get best results from your dairy operations is to use the OMEGA SEPARATOR. It's the one which turns easiest, skims closest, lasts longest and costs least for repairs. We issue a book called "Milk Returns" which you should see before you buy a separator of any kind. Tells all about the "Omega", and the experience of its users. We mail it free. Write for it today. The Omega Separator Co., 23 Concord St., Lansing, Mich.

HAVING EXPENDED MILLIONS OF DOLLARS On Track and New EquipmentTHE.... B. & O. S-W.HAS.... A Perfect Track, The Short Line to Cincinnati. Through Cars to Louisville. Observation Parlor Cars. Dining Cars Meals a la Carte. 3 Fast Daily Trains to the East Lowest Rates to New York, with Stop-overs at Washington, Baltimore and Philadelphia. For additional information ask an Agent, or address, F. D. GIDERSLEEVE, Ass't General Passenger Agent, St. Louis. A. C. GOODRICH, Traveling Passenger Agent, Kansas City, Mo.

UNION PACIFIC SHORTEST LINE—FASTEST TIME TO Oregon Washington Daylight Ride of 200 Miles Along the Beautiful Columbia River. Two Through Trains Daily Accommodation for all Classes of Passengers. Steam at—Pintch Light. TOURIST SLEEPING CARS A SPECIALTY. Full information cheerfully furnished on appl' on to J. C. FULTON, Depot Agent, F. A. LEWIS, C. T. A., 525 Kansas Avenue

DUROC-JERSEY SWINE.

D. M. TROTT ABILENE, KAS., famous Duroc-Jerseys, Poland-Chinas. Registered Stock DUROC-JERSEYS, contains breeders of the leading strains. N. B. SAWYER, CHERRYVALE, KANSAS.

MINEOLA DUROC-JERSEYS PRINCE 17799 at head. B. P. Rock Chickens. Stock always for sale. L. A. Keeler, Route 4, Ottawa, Kans.

DUROC-JERSEYS—Large boned and long bodied kind. Choice spring pigs for sale—both sexes. Prices reasonable. E. S. COWEE, R. F. D. 1, CARBONDALE, KANSAS.

DUROC-JERSEY SWINE CHOICE PIGS FOR SALE. ADDRESS G. W. BAILEY, BEATTIE, KANSAS.

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

FAIRVIEW HERD DUROC-JERSEYS Combination Sale Oct. 9, at Sabetha. Oct. 28, sale of males at the farm. Feb. 5, 1904, bred sow sale at the farm. J. B. DAVIS, FAIRVIEW, KANSAS.

C. H. SEARLE DUROC-JERSEY HOGS Edgar, Neb. B. P. Rock Fowls.

Duroc-Jerseys Of Superior Breeding and Individuality. RED DUKE 18668 at head of the herd. BUCHANAN STOCK FARM, - SEDALIA, MISSOURI

DUCK CREEK HERD OF Duroc - Jersey Swine. 200 head to choose from. Write us your wants. Mitchell Bros., Buxton, Wilson Co., Kans.

ROCKDALE HERD OF Duroc - Jersey Swine Has for sale 100 head of spring pigs of fashionable breeding, and good individuality. Correspondence and inspection invited. Free rural delivery and telephone from Frankfort. J. F. Chandler, Frankfort, Kans.

PRIZE-WINNING HERD DUROC-JERSEY SWINE Champions at State Fair at Topeka in 1903. Herd headed by Josephus, best son of Big Joe 7363. Choice spring pigs of both sexes for sale. F. L. McCLELLAND, Route No. 1, Berryton, Kansas.

Rose Hill Herd DUROC - JERSEY HOGS. I have some choice February and March pigs for sale out of large, old sows of the most prolific strain and best breeding, sired by four good, well-developed boars. I can supply old customers with new blood, or pigs not related. I have the kind that will please you. S. Y. THORNTON, Blackwater, Mo.

DUROC - JERSEY HOGS. 200 to Select From 200 FOR READY SALE—30 Boars and 70 Gilts of March and April farrow. Inspection or correspondence solicited. Phone 804. George Kerr, Sabetha, Kansas.

COUNTY SEAT HERD DUROC - JERSEY SWINE Higgin's Model 3251 at head of herd, assisted by Improver 13385 and Red Chief I Am 7693. A choice lot of young boars ready for service for sale; also a few gilts. 200 Head in Herd. Geo. Briggs & Son, Clay Center, Nebr

STANDARD HERD OF REGISTERED Duroc-Jersey Swine, Red Polled Cattle, and Angora Goats. Swine herd headed by Big Joe 7363 and Ohio Chief. Cattle herd headed by Kansas 8303. All stock reserved for October sale. PETER BLOCHER, Richland, Shawnee Co., Kans

Cherry Valley Breeding Farm. DUROC-JERSEY SWINE The prize-winning Gem's Victor 19017 and Gold Coin 19005 at head of herd. Choice bred gilts and spring pigs of both sexes for sale. 230 head in herd. BUFF COCHIN CHICKENS. Eggs in Season. 'Phone 735. Mr. & Mrs. W. R. Crow, Hutchinson, Kans

McfARLAND BROS., Route 1, Sedalia, Mo. Champion Herd of Missouri Duroc-Jerseys. Oom Paul 3d 17681 at head of herd. Choice spring pigs of both sexes for sale. Write for prices and breeding.

EYE BOOK FREE! Tells how all Eye and Ear Diseases may be cured at home at small cost by mild medicines. It is handsomely illustrated, full of valuable information, and should be read by every sufferer from any eye or ear trouble. This book is written by Dr. Curtis, originator of the world-famed Mild Medicine Method, which without knife or pain speedily cures most hopeless cases. Dr. Curtis offers to send this book absolutely FREE to all who write for it. Address, Dr. F. Geo. Curtis, 350 Shukert Bldg. Kansas City, Mo.

DUROC-JERSEY SWINE.

DUROC-JERSEYS. Duroc-Jerseys for sale. Choice 1903 pigs, both sexes. Prices \$20 and \$25. 125 head in herd to select from. Newton Bros., Whiting, Kas., and Goffs, Kas.

DUROC-JERSEYS



We have a lot of big, blocky, young boars now ready for service, and at farmers' prices. All out of mature dams, and sired by our great RED DUKE. Address Buchanan Stock Farm, Sedalia, Mo.

POLAND-CHINA SWINE.

FOR SALE Poland-China Hogs, Holstein Friesian Cattle, either sex. Best strains represented. H. N. HOLDEMAN, Rural Route No. 2, Girard, Kansas.

Kansas Herd of Poland-Chinas Has some extra fine gilts bred; also some fall boars. Will sell SEN. I KNOW, he by PERFECT I KNOW. Address—F. P. MAGUIRE, HUTCHINSON, KANSAS.

Elmdale Herd of High-Class POLAND-CHINAS Shawnee Chief 28502 head of herd. Three choice fall boars for sale; also spring pigs of both sexes. W. L. REID, PROP'R, R. R. 1, NORTH TOPEKA, KANSAS

Shady Lane Stock Farm HARRY E. LUNT, Proprietor, Burden, Cowley Co., Kans. A few choice bred Poland-China Boars for sale; also fine B. P. Rock poultry.

Dietrich & Spaulding, Richmond, Kas. Have 8 extra good fall Poland-China gilts sired by Kansas Black Chief and Black U. S. Prize, safe in pig to U. S. Perfection by Perfect Perfection and Chief Ideal 2d. Price \$35 each if taken soon. They are cheap. 25 spring boar pigs for sale.

WAMEGO HERD Poland-Chinas With Dee Expansion 31211 at head of herd; he was sired by Expansion 28293, his dam is Nodine Queen 2d 7377, a grand individual and sire of large, and markings. Large M. B. Turkeys and B. P. chickens for sale. Correspond with me at Wamego, Pottawatomie County, Kansas. C. J. HUGGINS.

Boars and Gilts for Sale Poland-Chinas—Sired by B. F. Tecumseh 68087, and out of aged sows. Big boned and lengthy—\$15 to \$25. A few aged sows also for sale. The kind that farrow eight to ten pigs each time. Write now. I. R. MOORE, Valley Center, Sedgwick Co., Kans.

PRAIRIE DALE Poland-Chinas CHOICEST BREEDING AND BEST INDIVIDUALS. Kansas Chief 28250 and the American Royal prize-winner, Hard to Beat 29612 at head of herd; 180 of the best pigs ever raised on this farm to choose from. C. M. GARVER & SON, ABILENE, KANSAS

Closing Out Rome Park Poland-Chinas and Berkshires. Strictly choice show animals of Gilt Edged breeding. Established 20 years. For Sale—100 sows and gilts bred and not bred, 20 short yearlings and aged boars. Summer and fall pigs of all ages. Reduced prices before sale. T. A. Hubbard, Rome, Sumner Co., Kans.

HIGHLAND FARM HERD OF PEDIGREED POLAND-CHINAS Eighty spring pigs that are hard to duplicate for size and finish, sired by Black Perfection 27312, Cornwin's Improver 25788, and Imperial Chief 3d 28978. Write me a description of what you want and I will guarantee satisfaction. Seven and one-half miles northwest of Leavenworth. (I ship from Leavenworth. Eight railroads.) One mile west of Kickapoo on main line of Mo. Pacific. JOHN BOLLIN, Route 5, Leavenworth, Kansas.

Glenwood POLAND-CHINAS. Choicest strains of Poland-China blood, with Glenwood Chief Faultless 27815 at head. We have the length, size, bone, and quality to suit the critics. Fall gilts, bred or open, and spring pigs, both sexes, for sale. Address C. S. NEVIUS, Chiles, Miami County, Kansas. Telephone on farm.

PECAN HERD OF Poland-Chinas Will you want a few Bred Sows or Gilts for fall farrow, bred to Model Tecumseh or American Royal? Also fall Boars, sired by Model Tecumseh 64133. J. N. WOODS & SON, R. F. D. No. 3, Ottawa, Kansas.

POLAND-CHINA SWINE.

SHADY BROOK STOCK FARM POLAND-CHINAS I keep constantly on hand all sizes and ages of high-class Poland-China pigs. Quality high, prices low. Write for description and price to H. W. CHENEY, NORTH TOPEKA, KANSAS.

PAWNEE COUNTY POLAND-CHINA HERD Nice stuff; different ages, sizes, and sex at reasonable prices. Wilkes, Tecumseh, and Missouri's Black Chief sires. TYRA MONTGOMERY, LARNED, KANSAS.

Chestnut Grove Herds POLAND-CHINA SWINE The prize-winning Missouri's Black Perfection 26517 at head. The best of Missouri's Black Chief, Sunshine, and Chief Tecumseh blood. Young prize-winning stock, both sexes, for sale. I have 20 fine boars to sell cheap for the next 30 days at private treaty, in order to make room for fall pigs. They are out of prize-winning dams and sired by M. B. T. Mascot and W. B.'s Chief. Write at once. J. R. YOUNG, RICHARDS, MO.

Berkshire Swine. Large English Berkshires Pigs of both sex sired by first prize boar at Topeka fair; also a prize winning boar, and 2-year-old herd boar, Highclere Improver 58627. Manwaring Bros., R. R. 1, Lawrence, Kans. Telephone 582-2-White.

EAST LYNN Champion Berkshires Our herd won the Kansas State Prize at the American Royal Show at Kansas City in 1902. ONLY THE BEST. Imported and American-bred stock for sale. A few choice sows bred, at prices that will move them. Inspection invited six days in the week. WILL H. RHODES, Tampa, Marion Co., Kans

KNOLLWOOD FARM HERD BLUE BLOODED IG BONED ROAD BACKED BERKSHIRES... A Fancy Lot of Spring Pigs. E. W. MELVILLE, EUDORA, KANS

East Reno Berkshire Herd Best Imported and American Blood A lot of young stock of both sexes for sale cheap for the next 60 days. Circular free. G. D. WILLEMS, R. F. D. 3, INMAN, KANSAS

The Large Berkshires -AT- Springbrook Farm Will be of interest to all breeders of fancy swine. Some few herd-headers for sale, as well as a few choice gilts. Farm five miles from town. ADDRESS... DAVID G. PAGE, North Topeka, Kansas. Care Mid-Continent Mills.

...THE... WILLOWDALE Berkshires ROYAL BARON 58846, the Greatest Show Boar in the World, at head of herd. Home of the Winners. I will make a special offer for thirty days on all the spring crop, as I will start on my fair circuit at that date and want to sell a lot of pigs before I start. I have pigs good enough to win any place, and a fine lot of herd-headers sired by my prize boars last year, and out of the sweepstakes sows of the show-ring of 1902. G. G. Council, Williamsville, Ill.

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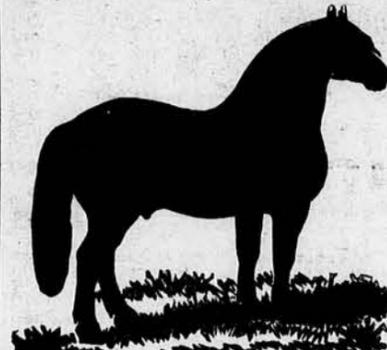
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Auctioneers—Cols. R. L. Harriman, W. D. Ross, C. J. Hieronymus. Cooper County Breeders' Association sale at Bunceton, Mo., on Wednesday, November 18.

BIG CLOSING-OUT SALE

Shorthorn Cattle, Berkshire Hogs,
Roadster-bred Horses, etc.

Belton, Mo., November 20, 1903.

Choice Bates-bred Rose of Sharnons, Agathas, and Coquettes. Berkshires all descended from stock bought at Sunny Slope; only the older ones registered. Send for catalogue, mentioning this paper.

H. H. GRIMES, Belton, Mo.

R. E. EDMONDSON, Auctioneer.

GREAT SALE OF SCOTCH SHORTHORN CATTLE

THE MOST ATTRACTIVE OFFERING OF THE YEAR.
Horton, Kansas, Thursday, November 19, 1903
 SALE BEGINS AT 12:00 O'CLOCK SHARP.



This offering includes the dispersal of the entire Walnut Grove Herd of Scotch-bred and imported Shorthorns owned by M. A. Low, Topeka; 40 head in all; seven cuoicely selected from D. L. Dawdy's Riverdale Fine Stock Farm, Arrington, Kansas; an imported Scotch cow, a Scotch bull and heifer, owned by M. C. Vansell and M. A. Low, and an imported Scotch cow, and some Scotch topped heifers owned by M. C. Vansell Muscotah, Kansas; and two bulls by G. Y. Johnson, Willis, Kansas. Including imported Scotch Cows of the Clipper, Brawith Bud, and Nonpareil families, and pure Scotch cows and bulls of leading Cruickshank tribes, among them the fine Scotch bull, Clipper Chief 174514, by Imp. Orange Chief 144650, which sold for \$1,500 at the Flatt sale in 1900, out of Imp. Red Ruth by the great Star of Morning (58189); Nonpareil Lad 188587 by the pure Cruickshank Brawith Bud bull, Golden Lad 115691, out of Imp. Nonpareil 35th; Golden Chief by Golden Lad 115691, out of Queen of Iowa 2nd, a Scotch cow by Highland Chief 136717, etc; good, Scotch-topped Young Marys, Rosemarys, Adelais, Beauties, Rubys, etc.; in all about fifty head.

For Illustrated Catalogue address D. L. Dawdy, Arrington, Kas., or O. M. Keats, Horton, Kas.
COLS. F. M. WOODS and M. W. HARDING, Auctioneers.

DAN CLARK 2d.
 Red, with white marks; calved April 29, 1903.
 Orange Viscount 157352. W. A. Betteridge
 Rose 4th..... Polo 3d 109416..... Joseph Duncan
 Rose 2d..... Royal Duke of Orchard Home 110017,
 Clark & Son
 Rose..... Loudon Duke of Maple Hill 56821,
 J. B. Kilgore
 Ruby..... Clark's Cherub 28854..... Joseph Duncan
 Cory's Dove..... Clark's Cherub 28854..... Joseph Duncan
 Cory..... Duke of Belford 16709..... Joseph Duncan
 Jenny Lind 2d..... Andrew Johnson 11299..... Stephen Duncan
 Jenny Lind..... Sir Alfred 24827..... J. M. Kinnard
 Fanny Wells..... Goldfinder (2066)..... J. Lawson
 Helen..... Bertram 2d (3144)..... J. H. Powell
 Ruby 2d..... Bertram (1716)..... J. Whitaker
 Imp. Ruby..... Young Dimple (971)..... N. Allison

GOLDEN CHIEF.
 Red; calved November 15, 1902.
 Golden Lad 115691..... C. B. Dustin
 Queen of Iowa 2d..... Highland Chief 132717..... Cookson Bros.
 Pride of Orchard
 Farm 2d..... Royal Duke 77597..... J. W. Aldrich
 Beauty's Pride 2d..... Orange Lad 46679..... John Dryden
 Beauty's Pride..... Imp. Baron Surmise 47342,
 A. Cruickshank
 Queen of Beauty 2d..... Imp. Stanley 21127..... A. Cruickshank
 Imp. Queen of
 Beauty..... Senator (27441)..... A. Cruickshank
 Gem of the South..... Sir Walter Scott (20998)..... A. Cruickshank
 Queen of the South..... Lord Raglan (13244)..... M. S. Stewart
 Queen of Scotland..... Matadore (11800)..... W. Smith
 Edith Fairfax..... Sir Thomas Fairfax (5190)..... Mr. Whitaker
 Fancy..... Billy (3151)..... Capt. Barclay
 Jessie..... Sovereign (7539)..... Capt. Barclay
 Rose..... Satellite (1420)..... Mr. Robertson

CLIPPER CHIEF 174514.
 Red; calved October 31, 1900; Vol. 51, p. 45.
 Dams. Sires. Bred by
 Imp. Red Ruth..... Imp. Orange Chief 144650..... W. Adams
 Ruth..... Star of Morning (58189)..... Wm. Duthie
 Mercy..... Doctor A. Duff (45197)..... J. Williamson
 Charity 2d..... Lord Mayor (38625)..... A. Longmore
 Chastity..... Scotland's Pride (25100)..... A. Cruickshank
 Charlotte..... The Baron (13244)..... M. S. Stewart
 Clipper..... The Baron (13244)..... R. Chaloner
 Favorite..... Billy (3151)..... Captain Barclay
 Keepsake..... Dandy (6918)..... I. Boswell
 Tiptop (7633)..... Captain Barclay

NONPAREIL LAD 188587.
 Red; calved May 15, 1902; Vol. 53, p. 358.
 Golden Lad 115691..... C. B. Dustin
 Imp. Nonpareil 35th..... Kintore Hero 130559 (70723)..... A. Campbell
 Nonpareil Gem..... First Consul 139918 (67314),
 A. Cruickshank
 Nonpareil Pride..... Gravesend 98361 (46461)..... A. Cruickshank
 Nonpareil 20th..... Royal Duke 77593 (35356)..... S. Campbell
 Nonpareil 28th..... Sir Christopher (22895)..... R. Booth
 Nonpareil 24th..... Lord Sackville (13245)..... A. Cruickshank
 Nonpareil 23d..... The Baron (13245)..... R. Chaloner
 Nonpareil 17th..... Matadore (11800)..... W. Smith
 Nonpareil 10th..... Prince Edward Fairfax (9606),
 A. Cruickshank
 Countess of Lincoln..... Diamond (5912)..... Mr. Booth
 Nonpareil 3d..... Young Fredrick (2838)..... W. Bartholomew
 Nonpareil 2d..... Commodore (1858)..... Mr. Oatler
 Nonpareil 1st..... Pathwell Studley (5401)..... Mr. Cartwright
 Twine Tall..... Blyth Comet (85)..... Mr. Champion

VIOLET LAD 191802.
 Red; calved August 8, 1902; Vol. 54; p. 200.
 Golden Lad 115691..... C. B. Dustin
 Scottish Queen..... 17th Scottish Lord 113728..... J. V. Grigsby
 Violet Queen..... Blocky (84800)..... F. J. Barbee
 Violet Glen..... Imp. Favorite (56041)..... W. Duthie
 Imp. Violet Bud..... Barmpton (37763)..... A. Cruickshank
 Rose of Knowlmore..... Knight of Knowlmore (22055)..... J. Peel
 Red Violet..... Allan (31172)..... Sir W. S. Maxwell
 Violet..... Lord Bathurst (13173)..... A. Cruickshank
 Roseate..... Matadore (11800)..... W. Smith
 China Rose..... Hudson (9228)..... W. Linton
 Carmine Rose..... Fairfax Royal (6987)..... W. Torr
 Red Rose..... Jakhorn (6091)..... Capt. Barclay
 Moss Rose..... Grazier (1055)..... S. Wiley
 Cicely..... Sampson (2595)..... W. T. Paley
 Marion..... Wallace (1560)..... Mr. Whitaker

RED BUD.
 Red; calved May 10, 1902;
 Imp. Trout Creek Clan Alpine 139624,
 A. Campbell
 Highland Beauty 3d..... Fifer Joe 119229..... B. F. Myers
 Alice Belle 8th..... Lord Byron 70576..... J. G. Cowan & Son
 Alice Belle 6th..... 23d Duke of Stock Place 69476,
 J. W. Clay & Son
 Alice Belle..... Duke of Amelock 6616..... Wm. Warfield
 Bella Golden..... W. L. Vance 7393..... W. L. Vance
 Snowdrop..... Lawrence 3064..... R. A. Alexander
 Fannie Ward..... Minstrel 5960..... R. A. Alexander
 Sylph..... Young Crescent 3695..... Bred in Ky.
 Anne Reed..... Sir Walter 976..... Dr. Dillard
 Princess..... Faclus 209..... Not given
 Beauty of Wharfedale Brutus (1752)..... R. Booth
 Imp. Adelaide..... Magnum Bonum (2243)..... Col. Craddock



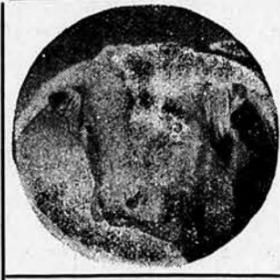
Marshall County Hereford Association



Second Sale, Tuesday-Wednesday, Nov. 10-11, 1903.

Twenty-five Breeders Sell
100 Head Registered Cattle
At Blue Rapids, Kansas.

67 Cows from 1 to 6 years old, mostly bred, or with calves at foot.
 33 Bulls from 1 to 3 years old, a good clean lot of extra quality, some of them of sufficient merit to go into the best herds of the country.
 Don't forget the date, and don't miss this opportunity to get some money-makers.



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