

Volume XLI. Number 8.

TOPEKA, KANSAS, THURSDAY, FEBRUARY 19, 1903.

Established 1863. \$1 & Year

KANSAS FARMER.

Established in 1863.

Published every Thursday by the KANSAS FARMER CO., - - TOPEKA, KANSAS SUBSCRIPTION PRICE: \$1.00 A YEAR E. B. COWGILL. Editor
I. D. GRAHAM. Associate Editor
H. A. HEATH. Advertising Manager Entered at the Topeka, Kansas, postoffice as second-class matter.



ADVERTISING RATES.

ADVERTISING RATES.

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

Special reading notices, 25 cents per line.
Business cards or miscellaneous advertisements will be received from reliable advertisers at the rate of \$5.00 per agate line for one year.

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

Special Want Column advertisements, 10 cents per line of seven words per week. Cash with the order. Electros must have metal base.

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

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

All advertising inheaded for the current week.

well known to the publishers, references are given.
All advertising intended for the current week should reach this office not later than Monday.
Every advertiser will receive a copy of the paper free, during the publication of the advertisement.
Address all communications to

KANSAS FARMER CO., 116 West Sixth Ave., Topeka, Kans.

practice sooner or later. The largest feeders do not cook. Probably the advantages are not great enough to pay the added labor and care re-

quired.

A RATION QUESTION.

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 dol-lar. Address, Kansas Farmer Com-

After it was too late in the week to add more pages to this number of the Kansas Farmer, it became evident that the demands of our advertising

patrons for space would leave less

patrons for space would leave less room for reading than the editor considers his due. Several timely and well prepared articles are crowded over. The matter will be remedied next week by the addition of eight pages to the size of the paper.

many tried it. Reports as to the effects were varied but in the majority

of cases favorable to cooking. It is to be noted, however, that nearly all who began to cook discontinued the

subscriber inquires whether it will pay to cook feed for fattening hogs. This question was much dis-cussed years ago with the result that

pany, Topeka, Kans.

EDITOR KANSAS FARMER:-For fattening hogs what is the difference in tening nogs what is the difference in food value between sixty pounds of shorts and sixty pounds of wheat ground fine? And for fat hogs, which has the greater value as a feed, 100 pounds of shorts or 60 pounds of ground wheat? A Subscriber. Wymore, Tex.

The digestible nutrients in the two feeds per 100 pounds are given in standaru tables as follows:

Carbo-Protein. byd a es Fats. Total. 5...10.2 69.2 1.7 81.1 5...12.2 50.0 3.8 66.0 Wheat, Ibs...10.2 Shorts, Ibs...12.2

In buying and selling feeds the market places a valuation on protein at least ten times as high as it places on carbohydrates. Fats are valued at about double the prices of carbohydrates. Basing the calculation on the general market prices paid for feeds there is therefore not very much difference in the values of shorts and ground wheat for general feeding purposes. The difference is slightly in favor of the shorts. For fattening hogs, however, the difference is probably in favor of the ground wheat in about the ratio of weights of their digestible nutrients.

There are 81 pounds of digestible nutrients in 100 pounds of wheat, while there are but 66 pounds of digestible nutrients in 100 pounds of shorts. On the assumption that values are proportioned to weight of digestible nutrients, a value of 75 cents per 100 pounds of shorts gives a value of 92 cents per 100 pounds of wheat, or for 60 pounds of wheat the value would be 55.2 cents. These figures show an excess of value for the 100 pounds of shorts over the 60 pounds of wheat equal to 75-55.2= 19.8 cents.

These estimates are based on general and not on specific experimental

The price one can afford to pay for a feed depends greatly on what he has to use with it. If the correspondent If the correspondent has plenty of alfalfa to go with the feed, the wheat is worth relatively more to him. If, however, the wheat or shorts is to be fed with corn. It will be better to buy shorts than wheat at the same price, to go with the corn.

The balanced ration is the economical ration. The problems in feeding revolve around the cost of balancing the ration. Feeds may be classified as (1) those which have a deficiency of digestible protein and (2) those which have an excess of digestible protein. True there are some feeds such as oats, which contain the digestible ingredients in about the right propor-tion for many kinds of stock, but the value of these feeds has received such general recognition that the market prices are high. Of the two classes of feed mentioned, those deficient in digestible protein are, or have been ungestible protein are, or have been until recently, far more abundant than those containing excess of digestible protein. The introduction of alfalfa, cow-peas, soy-beans and other leguminous crops has done much to increase the availability of protein.

It may be stated in general that leguminous plants contain excess of protein while most plants producing cereals, as well as most grasses, are deficient in protein. It is therefore well to feed a ration composed of part leto feed a ration composed of part fegumes and part cereals. Exact computations may be made of the portions of
any given feeds that ought to be used
for any kind of stock. This involves
the use of tables of analysis, but with
these and their use, the progressive
farmer who keeps up to date will familiarize himself. The Kansas Farmre proposes in the near future to pub-ER proposes in the near future to pub-lish such tables and to illustrate their use in the preparation of economical rations.

STOCK-BREEDERS' ANNUAL FOR 1903

About March 1, 1903, the Kansas Improved Stock-Breeders' Association will issue the Stock-Breeders' Annual for 1903. It will contain a complete report of the thirteenth annual meeting, the best ever held, also the classified Kansas Breeders' Directory of about 1,000 breeders in over 90 counties in Kansas. A larger edition than usual will be gotten out this year, as the present Legislature contemplates providing a State appropriation for that purpose.

membership should be increased to one thousand by March 1, 1903, as after that date it will be too late to get your name and class of stock in the classified Kansas Breeders' Directory. Every stockman interested in pure-

bred stock or improved methods of breeding and feeding is urged to become a member for 1903. You can be-come a member for 1903 for only one dollar. It is proposed to materially advance the initiatory fee for next year and the present time is the only opportunity to become identified with this great organization for the pres-ent nominal fee. The benefits received are worth many times the cost. In sending in your dollar be sure to mention the class of stock you breed, the number you own, also what you have for sale or wish to buy this spring. Address H. A. Heath, secretary Kansas Improved Stock-Breeders' Association, Topeka, Kans.

OKLAHOMA IMPROVED STOCK-BREEDERS' ASSOCIATION.

Adopting as a suggestion the wonderful success attained by the Kansas Improved Stock-Breeders' Association, the breeders of Oklahoma have organized a like institution which seems endowed with sufficient vitality and enthusiasm to make it great. On Wednesday evening. February 11, the association met in its second annual session in the chamber of commerce at Oklahoma City. There was a good

attendance, though probably not so good as there would have been had there not been so many other attractions in the city at the time. A number of excellent speeches were made which had the merit of being to the point, and extremely well adapted to the encouragement of that enthusiasm which wins success. Our space will not allow an extended report in this term. The proper of the officers electissue. The names of the officers elected for the ensuing year are as follows: President, Prof. F. C. Burtis, Agricultural College, Stillwater; vice-presidents, C. S. Williams, North Enid; Q. L. Lewett Coyle; I. L. Hurbes, Claud; C. Jewett, Coyle; J. L. Hughes, Claud; C. W. Barnes, Cereal; E. E. Alkire, Lexington; secretary-treasurer, E. Bracht, Oklahoma City. Executive commit-tee, Frank D. Northrup, Oklahoma City; Ralph Smith, Perkins; M. A. Watkins, Enid. Mr. John D. Snyder, of Snyder Bros., Winfield, Kans., was present and extended a greeting from the Kansas Association to its younger sister on the south. The association is officered by good men and we pre-dict a creditable future for it.

ALFALFA FOR THE BREEDING HORSE.

form me through the columns of your valuable paper if alfalfa hay is injurious to be fed to a stallion, along with other hay, before or during the breeding season. A. M. SCOTT.

Pottawatomie County.

On account of its diuretic effects upon horses many horsemen are timid about feeding it in large quantities. One of the old English reports on "Lucerne" states that it is "extremely good for horses." In Kansas, the disease called azoturia has been reported from the excessive and long-continued use of alfalfa for horses.

The Kansas Farmer has received no reports of the use of alfalfa in the manner suggested by Mr. Scott, and, in the absence of such experience, would advise that it be used sparingly and the effects carefully observed. The effects to be looked for are increase of urine and the tendency to sweat when the animal is exercised.
Some of the Colorado sheep-breed-

ers have reported notable increase in the percentage of lambs produced from sheep bred on alfalfa. Whether similar advantages are to be expected in the case of horses is largely a mat-

ter of conjecture.

POULTRY ADVERTISING.

One of the most marvelous things in the advertising experience in the KANSAS FARMER is the amount of returns received by our poultry adver-tisers, which indicates that our readers comprise new and anxious buyers of pure-bred poultry of all classes. Every day this office is in receipt of letters from poultry advertisers, giving what to us seems marvelous results for the little money invested. An example in the mail at this writing is similar to many others. It is from Mrs. Fred Cowley, of Columbus, Kans., who writes: "The first issue of your paper brought me fourteen inquiries for turkeys and ducks. I am more than pleased with the Kansas Farm-ER as an advertising medium."

THE OKLAHOMA LIVE STOCK AS-SOCIATION.

During the week ending February 14, there was held an annual meeting of the Oklahoma Cattlemen's Association, which was a notable one both for the association and for that wonderful city ,Oklahoma City, in which it was (Continued on page 205.)

Table of Contents

Alfalfa for the breeding horse
Alfalfa for the breeding horsette (noem) 200
Children used to play, where the (position)
Child's inheritance, a
Alfalfa for the breeding norse
Evergreens transplanting large 204
Country home, possibilities of the 204 Evergreens, transplanting large
"Farmer," answer to
"Farmer," answer to
Farm, leaks on the
Farm, leaks on the
shall the
Farmer learn what he should show 194 shall the
Guineas—the males do the talking
Hens laying, on the 194 Hibner, I. D. 201 Holmes, Oliver Wendell 291 198 198
Hibner, I. D
Holmes, Oliver Wendell
Kansas swine-breeders
Tomo colf
Lame Can
Kansas swine-breeders 206 Lame calf 207 Lecturers, talks with 200
Lie. a
Locust from seed
Locust from seed. 200
Most trust the etc
Meat trust, Incoh
MIRSOUSKY, Sacos209
Monier, J. G
Oklahoma horticulturists203
Oklahoma horticulturists
Oklahoma live-stock association
Oklahoma horticulturists
Pear-trees, treatment of 193 Poultry advertising 200
Poultry advertising 200 Poultry, pure-bred farm. 200 200 200 200 200 200 200 200 200 20
Poultry, pure-bred tarmetions in
Poultry, pure-bred farm. 20 Poultry culture, instructions in. 20 Problem in arithmetic, a. 20
Problem in arithmetic, a
Problem in arithmetic, a
Rathburn blackberry
Ration question, a
Recipes, our weekly
Recipes, our Weekly 20 Riley James Whitcomb 19 Scott, A. M. 20
Scott, A. M
Skim-milk, care of
Skim-milk, care of
Smith Chester20
Smith, Chester
Strawberry beds, treatment of
Steele, Theo
Stock-breeders annual for 1000
Waldren, G. W
Waldren, G. W
Washington's birthday, an ode to (poem)20
Washington as a matchmaker
Washington as a matchinaker
washington a schoolboy to George (poem).20
Washington, a school of to
Washington's boylsh rules of enqueton's boylsh rules of engage (poem).20 Washington, a schoolboy to George (poem).20 Welleville farmers' institute
AZ MATOR CATALON CONTRACTOR CONTR

BLOCKS OF TWO.

The regular subscription price for the KANSAS FARMER is one dollar a 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 year. 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

Buy at Wholesale Prices better goods at lower prices and make quicker shipments than any other firm.

and save 15 to 40 per cent on everything you use. It can be done. Over 375,000 wide-awake, careful buyers sent us their orders last month and got high-grade, honest merchandise—the kind it pays to buy—at a big saving over usual prices. They were the people who knew the value of a dollar saved. You, too, can do it. A FEW SPECIMEN VALUES are here shown, selected from our 1100-page catalogue, which contains pictures

and prices on 70,000 articles of everyday use.



MORRIS CHAIR

Made of golden oak or in mahogany or weathered oak finish. Massive, heavy carved and well-finished frame; reversible cushions covered with imported figured velour plush; adjustable back. An exceedingly comfortable chair.

Retailers charge \$8,00 to \$10,00.

KITCHEN TABLE

A very handy time, space and labor saver; hardwood; top white and frame finished in the golden color. 2 drawers, 2 bins holding 50 lbs. of flour or sugar each, and 2 baking or meat boards. 26x46 in. Weight, 90 lbs. One of the greatest genuine bargains ever \$2.95 offered. Dealers ask \$4.50 to \$5.50.



LACE CURTAINS

Made in imitation of and look like imported, and high-priced goods. Cen-ter has beautiful de-tached design, hand-come without and

some ribbon and floral border, and edge woven to have the effect of the real ruffle. 48½ inches wide; 4 yards long. Exceptional value for the price.



Machine

Our very latest drop-head style. Strongly made, well finished in solid oak, does nice work, is guaranteed for 5 years and is

machine for the price. This is positively the lowest price that any warranted machine is being sold for. Order No. L4550. Price,

We have everything in all grades, from the cheapest that's good to the best that's made. Write for catalogue at once, enclosing 15 cents to help pay the postage.

our 2 Million Customers Montgomery Ward & Co., Michigan Ave. & Chicago. 18 goods, prices and methods.

Montgomery Ward & Co., Michigan Ave. & Chicago. 18

WELLSVILLE FARMERS' INSTI-TUTE.

Following are some of the excellent papers read at the Wellsville, Franklin County, Farmers' Institute, held February 4 and 5, 1903:

How Shall the Farmer Learn What He Should Know?

PRESIDENT'S OPENING ADDRESS-I. D. HIB-NER, GARDNER.

First of all thanking you for the compliment in your choice of chairman, I can not do less than promise to exercise to its utmost, my untrained ability (in presiding over this body) to direct your deliberations to the best possible results; and I beg you to realize that the need of our efforts in advancing the interests of agriculture is great, and the time allotted to us so brief, that it becomes our moral duty to make the best most of every moment, and accomplish all that it is possible for us to accomplish in the limited time at our command.

There are many suggestions I would like to make regarding the importance of our work, the great field that lies open before us needing our councils, and my own judgment as to the best methods to pursue, but I must promise to be brief and not tire you.

As I see it, the book of agriculture,

like the divine volume, derived as they both are from the revealing and creative powers of the same infinite God, is inexhaustible and can be developed and enlarged by the specialist, the genius, and the devotee of knowledge,

even to the end of time.

The diversities and possibilities of plant life have already staggered the plant life have already staggered the genius and exhausted the energies of the most able, brave, and determined investigators, until hand was paralysed and brain benumbed; and even then they were constrained to admit that they had merely wandered along the border-land of this great field of presiston and asked others to take up creation, and asked others to take up the work where they had left off, so that some time in the future, the reading world might have an opportunity to gain an approximate knowledge of plants and plant life.

NEEDS OF THE FARMER.

It is true that the needs of the farmer do not demand that he should become familiar with any save a small when you consider the food-plants only that are adapted to our soil and climate, including orchard and vine, then every flower of the garden, and houseplant that beautifies our home, and add to this the multitude, variety, and wonderful persistency of what we term weeds, that must be fought and held in check, you have a list of plant-life alone, far too great for any one mind to learn, and grasp all the essential conditions of each plant, how best to foster and cultivate, what are its special enemies in fungus and insect life, how best to protect it from these destroyers, its proper soil and seasons, its best varieties and preserving modes, and on, and on, ad infinitum, there does seem to be no end to what a farmer must know in order to arrive at best results.

Surely a farmer to-day should not attempt to cover the whole round of agriculture, horticulture, and stock-raising, or even hope to be equally suc-

cessful with those who take special lines; for while the capacity and energy of different minds and men greatly vary, yet no one mortal at this age and time in life can sufficiently grasp and control the essential conditions of each plant and brute, and give all the attention and treatment that will produce best results. I say "at this age and time in life," for surely some of us can remember when we had to but bury the seed in the virgin soil and return at harvest time to gather the crop; when the yield of the fruit-tree only increased with age, and blight and scale were unknown; when the apple-tree bloomed and ripened its fruit without chemical mixture for its leaf, or dust for the borer that was sapping its roots, for the destroying insect and deadly fungus had not found their way across the sea, and the devouring locust, chinch-bug, and army-worm were strangers to our land.

It is true, the necessaries of life did not come even then without a strug-gle. Wild nature had to be subdued, tamed, and trained to the service of man. At no time in the entire history of agriculture can the producer claim that he has defeated the divine law that tells us "By the sweat of the face we shall eat bread." Providence has ever been careful to provide conditions so that this law, necessitating human industry and activity, will never be violated. Most assuredly, with the discovery and development of the West, with all the advantages of invention, improved labor-saving machinery, steam and electricity, one former could have produced enough in farmer could have produced enough in one year to support five, had not some evil spirit followed fast in the wake of progress and scattered his pestilen-

SHOULD BECOME SPECIALISTS.

While fifty years of progress has revolutionized agriculture, nevertheless the farmer who prepares his ground and plants his crop to-day, has one continual battle, taxing his energies, and ofttimes exhausting his knowledge of science and chemistry, before he markets that crop.

That is why I think the time has now come when farmers, like all other trades and callings, must become specialists, and devote their efforts to certain lines in order to be successful. There was a time when physical entor in farming, but now "the know how" is the essential to success. We find that in medicine, surgery, civil engineering, mechanics, etc., it is necessary to be a specialist in order to succeed, and the preeminently successful are always of this class; so the farmer need not hope to escape from the inexorable law of the survival of the fittest. The complicated conditions that are forcing agriculture into line with other callings are even more imperative than those governing the professions, since every standard work on agriculture will tell you that the farmer should know the exact chemistry of the soil, and what fertilizers to apply to make the proper plantfood for each variety of crop. He should know the nature of each pest or destroying insect, and the chemical treatment that will destroy it, and when and how to apply the same. He should know the feeding and flesh-producing qualities of each variety of

grain, and the time and quantities to feed to produce desired results; and you can continue until you have covered nearly the entire round of the physical sciences.

This, then, is the needed education of the hour for the agriculturist, and I feel that an institute like this could accomplish by far the greater amount of good by devising the best ways and means to give this education to our people, rather than to attempt the impossible, the imparting of it during a few sessions of our institute; and I wish the subject of how best to teach agriculture to the masses, could be made one of the topics to be discussed by this assemblage.

AGRICULTURAL LÎTERATURE.

Will you spare me the time to barely touch this subject in an advisory way? For it is certainly our duty to look the situation squarely in the face and clearly understand present conditions. Our Government, our States, our agricultural colleges and journals have done their whole duty, and their long and faithful labors have filled our homes, our libraries, and our book shelves with volumes, tracts, and publications of the very choicest, practical, and scientific information on every branch of horticulture, agriculture, and stock-raising. These productions have cost millions of money, and the lifetime efforts of many of our most able teachers and many of our most able teachers and writers; and the mill is still grinding on. Yet, I will venture to say that 90 per cent of all this precious literature lies upon our shelves, covered with dust of the passing years, with no well-thumbed pages nor turned-down leaves, nor book-marks that indicate

Within these volumes are stored a wealth of information that would redeem agriculture, and bring it to the highest possible standard, were it only possible to induce every farmer to become a practical student of this liter-ature; and to accomplish this feat should certainly be the leading thought and purpose of every institute and agricultural meeting.

Let me be plain with this people. It is easy to say that it is the fault of the farmer who receives them if the reports are not studied, but is this statement true? Is it human nature? Is it human history? Is it the record

I venture to say that you might supply every home in our land with school books, and yet if you did not call our children together in the little white schoolhouses, and employ competent teachers to instruct them, and afford them that inspiration that only comes with the conflict of mind with mind, the schoolbooks would gather the dust of ages on the shelves in a majority of our homes, and our children grow up untaught, and woefully neglected. I venture the assertion that you may fill our homes with Bibles and our libraries with the divine laws, yet, with-out the influence of preachers, church organizations, and Sunday schools, where religious sentiments can be in-spired and cultivated, as education is in our secular schools, we would degenerate into a race of infidels.

THE GRANGE THE SCHOOL FOR FARMERS.

Then why plead the study of agriculture is an exception? Men and wo-

and the laws of influential instruction remain the same. There lies dormant in the human breast, a latent fire, that can only be enkindled by human voice and human tongue, and the friction of mind with mind; that can only be quickened into life, and blaze and glow through the mysterious magnetic influence that one human being has over another. The spirit of liberty and constitutional government received its inspiration mainly through conventions of the people; and this has been the key to every reform, from the Great Charter of England to our own Declaration of Independence, and we find it just as true through every period of the world's history. It was this mys-terious power that saved Ninevah so many centuries ago, when the voice of that grand old prophet rang along its highways and byways crying, "Yet forty days and Ninevah will be over-thrown;" and I feel sure that had the same warning been emblazoned upon its walls along its main thoroughfares it would not have awakened the people, nor saved that city from its impending doom. The command of the great Teacher was "Go preach the gospel;" "Go tell the people;" and the lesson contained in this thought is the one that I would like to make impressive to-day.

men are only grown-up boys and girls,

It is true there is an occasional "book worm" or recluse student, who, like a meteor in the upper ether, goes careering through space in his eccentric orbit and fairly lights up the world; but this is the exception, and should not be a part of the pleadings in this case.

As you all know, we farmers are a miscellaneous mixture. While many of us were "to the manor born," yet a large percentage among us have drifted in from the various other trades and callings, making our education not only more difficult, but at the same time more essential to our common

I have already referred to the immense outlay of money and effort to produce the agricultural literature that lies on our shelves to-day, while not one-tenth of this information is in our brains or being worked out in the lives of our people. What a waste is this! and how can we "bring the regiment up to the flag?" I have laid my plans before you, and I honestly believe it can only be accomplished through gre-garious conditions, congregated congregated masses, weekly night schools, where mind meets mind in intellectual con-flict in the intensity of discussion, where every branch of agriculture and every advanced idea can be freely discussed and thoroughly impressed upon the mind.

This is why I am such an earnest advocate of the Grange movement; for this purpose it was called into existence; and to educate, elevate, and advance agriculture is the fundamental principle of the order.

It has been tempted, and no doubt, at times, wavered in the infancy of its existence, for there were designing men in its ranks who thought they could use it; but it has stood the test, and grown into manhood; and its

TO CURE A COLD IN ONE DAY Take Laxative Bromo-Quinine Tablets. This on every box, 250 signature

decks are clean, and its life's mission

is to redeem agriculture.
Could that middle wall of prejudice but be broken down, could the Grange but have the confidence of all our farmers as its present efforts merit, it would become a master power in "bringing the regiment up to the flag;" for the standard productions of our agricultural colleges and departments would be its schoolbooks and library, and their most practical suggestions could be constantly discussed in the

forum of the Grange Either through this or some other form of organization we must establish a constant, living, farmers' institure, or the golden wealth of our agricultural literature will be as useless to us as the precious metals that lie buried in our mother earth.

Leaks on the Farm.

C. C. WATERS, WELLSVILLE.

By leaks on the farm is meant the losses that might by proper means be prevented. They are found on most if not all farms. They are of many kinds. They occur in all countries but probably they are most abundant and largest in newly settled, partly developed fortile countries such as ours. oped, fertile countries such as ours. Possibly all occupations and professions have their leaks—small holes through which slowly but steadily escape more or less of the profits of the cape more or less of the profits of the business; but most certainly no other business has so many and such large leaks as that of farming; indeed it is doubtful if any other business would stand the great losses that farmers habitually suffer through carelessness. habitually suffer through carelessness and negligence. Allow me to remark here that I have no intention of directing a tirade of abuse at others. The observations herein made are taken, for the most part, on my own farm. The inquiries made are questions that have come to me, and this paper was prepared from a desire to learn and improve in my own farm management, rather than from any unselfish desire for the betterment of my fellow farmers, or a wish to berate them.

ONE OF THE LARGEST LEAKS

on most farms is that insidious one, waste of manure. What is manure worth? How much do you haul out each year? How much could you haul out if you saved all you might? Many experiments have been conducted to determine the amount and value of manure made by the different classes of farm animals. Much care has been taken and much money spent in mak-ing these experiments, and their accuracy can not be questioned; but for me to go into details would be tedious and unprofitable. Besides, their estimates of value would scarcely be be-lieved. Any farmer upon a little reflection would be willing to admit, that if all of the manure dropped by farm animals could be saved and applied to the land, the amount would be very large. Farmers in States farther east annually spend large sums of money for commercial fertilizers. told that year by year their sale is moving westward. So large have these sales become that the value of the fortilizer is determined by the any fertilizer is determined by the amount of certain elements that it contains. And the value of these elements does not vary more than other commercial commodities. Estimating the value of farm manure by the amount of these elements which it contains we are told that in one year a horse produces an amount of manure worth \$27; each head of cattle, \$19; and each hog, \$12. Considering these figures somewhat too high, Profesor Roberts has suggested \$250 as a conservative estimate of the manure produced, during the seven winter months on a small farm carrying four horses, twenty cows, fifty sheep, and ten pigs. While some may think even these figures too high, no thoughtful, observant farmer doubts that manure is valuable. In fact, manure is the farm. If manure is helps would be farm. nure is being wasted, the farm is being wasted. If your manure runs off into the nearest ravine with each rain it is only another way of saying that your farm is slowly but surely slipping away from you. Armsby says that "The farmer who sells a ton of hay, for example, sells in this ton of hay fertilizing ingredients which, if purchased in the form of commercial fertilizers, would cost him about \$5.10; that, if he sells 2,000 pounds of wheat, he sells an amount of nitrogen, phosphoric acid, and potash, which it would cost him \$7.91 to replace in his soil in the form of commercial fertilizers. Or, looking at it from a somewhat different standpoint, a farmer who sells, for example, \$10 worth of wheat, sells with it about \$2.63 worth of the fertility of his soil. In other words, when he receives his \$10 this amount does not represent the net receipts of the trans-

action for he has parted with \$2.63 worth of his capital, that is, of the stored-up fertility of his soil, and if he does not take this into the account he makes the same mistake a merchant would, should he estimate his profits by the amount of cash which he received, and neglect to 'take account of

"If the farmer, instead of selling off his crops, feeds them to live stock on the farm as far as possible, a large proportion of this fertility, as has been shown above, is retained on the farm; and if the business of stock feeding is carried to the point where feed is purchased in addition to that grown on the farm, a considerable addition may, in this way, be made to the fertility of the farm at an almost nominal cost, since it is assumed that feed will not be bought unless its feeding value will at least pay its cost. This commendable system of indirect purchase of fertilizers in feeding stuffs is practiced largely in England and other Enropean countries, and accounts for no small share of the profits of stock-raising in those countries.

"But it is evident that these advantages will not be secured unless the manure produced is carefully saved

SAVING AND USING MANURE.

Only a superficial view is necesary to show that very often, if not usually, very little thought is given to ways and means of preserving this valuable product. Instances are on record of men moving their stables rather than haul out their manure. Once on visiting a certain farmer in the early spring I found him hauling manure out of a large basement under a barn. The manure was mud, knee deep. He explained apologetically that he usually did not haul out his manure until along in the summer as there was not much more than half as much weight then. But that it had got so bad that he had to clean it out. Those cattle went down to the pond and drank two or three barrels of water and just came up there and emptied it all out. You would have supposed that manure was one of the drawbacks, a hindrance, a necessary evil, a job that was to be performed with the least possible labor, rather than a valuable resource. If you had questioned him he would probably have admitted that it was valuable. Yet his usual method of handling it allows much of its value to be lost. But that method, namely, haul-ing the winter manure the next summer or fall, is perhaps a common prac-

Again, it is a common sight, in riding through the country, to see piles of manure that has been thrown out of the doors or windows, lying directly under the eaves of a barn where it receives the accumulated water from the roof at every rainfall.

Are these ways of handling manure the best? After conducting a series of experiments at our agricultural college at Manhattan, Prof. Sheldon says: "The moral which the experiments plainly emphasize is, that farm-yard manures must be hauled to the field in the spring; otherwise, the loss is sure to be very great, the waste in the course of six months amounting to fully one-half the gross manure, and nearly 40 per cent of the nitrogen that it contained."

Many similar experiments have been conducted by other men and similar conclusions arrived at. Prof. Bailey says: "Some of the most valuable constituents of manure are soluble and are therefore removed by water. Consequently manures should be housed to protect them from rain. If it can not be sheltered, it should be spread in the fields as fast as made. There is practically no loss of plant-food from evaporation, and the part which leaches is caught by the soil." Quot-ing Roberts again: "At many a farm-stead conditions are found which at first glance appear to have been brought about by a well-laid plan persistently carried out for wasting manures, thereby obviating the labor and expense of removing them to the fields. The manures are thrown out of windows under the great eaves of the wide-extending roof, or out of the stable door, where, during a portion or all of the rainy months, they are leached into the streams and the fine particles washed over large areas or partially burned by self-generated heat, and robbed of the larger portion of their potential nitrogen. Washed by the potential nitrogen. Washed by the rains, dried by the winds, burned by slow combustion, rooted over by swine, punched into the mud by the hoofs of animals, and scratched into the fence corners by the ever-industrious dung-hill fowls, is it any wonder that this mixture of mud, water, and leached manure is described as the "at-

The Great Opportunities in the Canadian Northwest are attracting large numbers of settlers from the United States.

The Canadian Bank of Commerce

Eighty Branches throughout Canada and the United States

Paid-up Capital, - \$8,000,000.00

SAVINGS BANK DEPARTMENT AT EVERY branch. Deposits of One Dollar and upwards received, and interest allowed at current rates.

BRANCHES IN THE CANADIAN NORTHWEST:

CALGARY—N. W. T. C. W. Rowley, Mgr. CARMAN—Manitoba. E. C. Complin, Mgr. DAUPHIN—Manitoba. J. S. Munro, Mgr.
EDMONTON—N. W. T.
T. M. Turnbull, Mgr.
ELGIN—Manitoba.

G. H. Horne, Mgr.

GILBERT PLAINS—Manitoba
H. E. P. Jemmett, Mgr.

WINNIPEG—Manitoba.

F. J. Macoun, 1

TREHERNE—Ma

H. B. Haines, M

H. B. Haines, M

GRANDVIEW-Manitoba. H. E. P. Jemmett, Mgr. MEDICINE HAT—N. W. T., F. L. Crawford, Mgr. MOOSOMIN-N. W. T. E. M. Saunders, Mgr. NEEPAWA—Manitoba.

G. M. Gibbs, Mgr.
SWAN RIVER—Manitoba.
F. J. Macoun, Mgr.
TREHERNE—Manitoba:
H. B. Haines, Mgr.

Address any of the above managers for maps and reliable information concerning his locality if you contemplate removing to Canada's Great and Fertile Northwest.

Remittances to Europe

Drafts issued payable at all points in Europe, Asia, Australia and America.

FARMERS' NOTES DISCOUNTED, SALES NOTES COLLECTED AND A GENERAL BANKING BUSINESS TRANSACTED.

BANKING BY MAIL.

Deposits may be made and withdrawn by mail. Out-of-town accounts receive every attention.

LONDON (ENGLAND) OFFICE, 60 LOMBARD ST., E. C. HEAD OFFICE, TORONTO, CANADA.

tenuated corpse from which the spirit has long since departed?"

EUROPEAN METHODS.

In many, if not all European countries, much greater care is taken to preserve manure than in the United States. One method commonly employed in France is thus described: "The manure is placed on slightly inclined plats of packed earth or cement, so arranged that the leachings drain out into a pit from which they are pumped up and distributed over the manure heap. It is usual to provide two manure plats so arranged that when one if full, when the manure is eight to ten feet high it may be allowed to fer-ment undisturbed, while the other is used. The manure is carried from the stables to the top of the manure heap in wheelbarrows over an inclined plane of boards. Care is also taken to smooth down the sides of the heap to prevent the too free access of air and

the loss of leachings."

This method is given, not in the expectation that it will be considered a good one to adopt here, but to show how much thought and labor are expended in other places to preserve manure. While it is expensive both in the necessary equipment and in labor, yet it can be easily seen that it would result in a fine quality of manure. Many other methods might be described varying largely in the amount of labor necessary as well as buildings, water-tight floors, etc. Any farmer takes a long step in advance when he realizes the value of the manure made on his farm and plans to pre-serve as much of it as his circumstances will permit.

OTHER METHODS.

In considering methods of preserving manure it should be borne in mind that the liquid manure is also valuable. Indeed, we are told that it contains a much larger percentage of nitrogen than the solid manure; and nitrogen is probably the element that we need to preserve most of all. Under the conditions common to this part of the country the liberal use of bedding is the cheapest and best method of pre-

serving liquid manure. Many stacks of straw are allowed to stand and rot down. If they were hauled to the barn and sheds, and used as bedding during the winter, the stock would be much more comfortable, and much of the manure would be saved that now is lost. A Government bulletin rec-ommends that "In cases where different kinds of animals are kept, one of the most effective means of securing moderate and uniform fermentation of the manure-heap is to see that the moist 'cold' cow- and pig-manure is intimately mixed with the dry 'hot' horse and sheep-dung. The former makes the heap more moist, and checks the too rapid fermentation and 'fire-fanging' of the latter." Let megive an illustration where this method was used. "From October 1, 1884, to March 2, 1885, 191 tons of mixed ma-"From October 1, 1884, to nure from horses and cattle accumulated in the covered barnyard at Cornell University. This manure was the product of 12 spring calves, 7 winter calves, 24 cows, 1 bull, 12 horses, and 1 colt for the five months. It was well compacted by the tramping of the cattle, which were kept for the greater part of each day in the covered yard," Nearly 200 tons of manure in five months from 44 cattle and 13 horses. with an equivalent amount of stock would not save onefourth that amount. Notice that this manure was kept under cover, which prevented much of the loss that would otherwise have resulted from exposure to sun, rain, and wind. And another thing, the stock was well bedded, which saved the liquid manure.

Along the same line let me mention an incident in my own experience. One winter I was milking nine or ten cows. They were tied at night. Just back of their stable was a shed in which other cattle took shelter at their pleasure. During the winter, I bedded the cows liberally with straw, and cleaned their stable out daily into the shed back of them. Of course the other cattle also added to the accumulation. No accurate account was kept of the number of loads of manure or of the number of cattle running loose in the shed. I can only say that during the winter a great amount of manure accumulated in that shed. It looked as if it were going to get full. Visitors would smile, and my own family made fun of it. My time to smile came when the manure was hauled out into the field.

Another leak common to many farms, aggregating many dollars of loss annually, is the care, or rather, the lack of care given to farm machin-ery. A hundred years ago, farming was conducted with the use of but little machinery, and the little used was inexpensive. But machine after ma-chine has been invented to lighten the farmer's labors, and enable him to ac-complish more. In the early days, be-fore the great prairies of the Mississ-ippi Valley were broken, when only the timbered country along the Atlan-tic Ocean was settled, building mater-ial was cheap and abundant, and the amount of machinery being small, places for sheltering it when not in use were easily found. But conditions in the early history of this State were entirely different. Building material was scarce and high. Land was cheap and abundant. The more that could be farmed the larger crops could be raised. Naturally, a great amount of machinery was used to take the place of hired labor. A man who, in the East, would place every piece of machinery carefully under shelter when not in use, soon fell into the habit of sheltering nothing.

EXPOSED MACHINERY. Our climate is especially severe on exposed machinery. Our hot suns and drying winds will peel off the paint and shrink the wooden parts of any machine exposed to its withering force, while rain and snow rust the iron parts, weaken where strength is needed, and corrode the polished surfaces. Allowing machinery to stand exposed to the weather is often a matter of habit and carelessness; oftentimes a machine being allowed to be exposed when but a few moments would be required to put it away, and when a place is at hand. I once saw lying in a farmer's woodyard a good saw, one of those commonly known as a "oneman saw, that usually sell at about \$2. It was lying half covered with chips and dirt, and wholly covered with rust, and had evidently been lying there for weeks if not for months. Moreover, it lay in plain sight, not twenty feet from the path which led from that man's the path which led from that man's house to his barn. Not long ago I saw a new plow, one that had never been used, lying on the ground in plain sight, not ten feet from a wagon-shed, and it had evidently been lying there for a long time. Similar cases might be multiplied indefinitely. I have sighted these because in each case one minute, if not less, would have been amply sufficient to have placed a valamply sufficient to have placed a valuable tool under shelter. The shelter was at hand and the tool was evidentwas at nand and the tool was evidently depreciating in value, nor could the owner plead that he did not know of its being exposed. It is a common sight to see all classes of farm implements standing where there is no prements standing where there is no pre-tence of shelter. Possibly the poor can not afford to build sheds, and the rich can afford the loss of the machine. Grain-binders, hay-loaders, corn-bind-ers, as well as cheaper machines are "Warmed by the sun and wet by the dow," and when in a few years they "Warmed by the sun and wet by the dew," and when in a few years they wear out, "Why, they don't make machines as good as they used to." Possibly they do not, but that is only another reason for giving them the best possible care. Much of the highest possible care. Much of the highest possible care. priced machinery is in use only a few week, often only a few days in the Is there any doubt that, if allowed to stand exposed to the weather for the rest of the year, it will lose more by exposure than by use? If that is the case, would not good care double the life of a machine, or ,in othed words, would not one machine with good care last as long as two without good care? And it so, cheapest way to buy the second ma-chine? A good tool-shed will undoubtedly cost money, especially if built in a substantial manner of new lumber; but it will last a long time and protect machinery of many times its value. Allow me to make a few suggestions. I do not think that usually about a barn, either in the driveway, or in a shed attached, is a good place for machinery. In case of fire the loss may be very large. In the driveway it is often in the way, and must be removed in haying time. The most convenient shed I ever saw was much longer than wide. One side was composed almost wholly of doors. This made it convenient to put machinery in, and one machine could be taken out without moving everything else in the shed. It is impor-tant to have a shed so arranged that a machine may be put in it without much labor, otherwise few men will EAVO RUTE

IODAYS FREE TRI \$25.90 BUYS OUR EMPRESS TOP BUGGY, exactly as illustrated, complete with top, back and side curtains, cushion back, carpet, anti-rattlers and shafts; a thoroughly reliable and spring top buggy, the very latest style for 1903.

\$20.75 BUYS OUR FAMILE REAUTY LEATHER QUARTER TOP BUGGY, exactly as illustrated, or an extension top, full length side and back curtains, panel back, plane body, end springs, Sarven's patent wheels, everything complete, including shafts.

\$25.90 latest style for 1903, complete with handsome cushion, back, carpet and shafts.

\$49.75 BUYS OUR FAMILY FAVORITE LARGE SIZE SURREY OR CARRIAGE, exactly as illustrated, complete with handsome canopy top, full length side and back curtains, large 43.10 illustrated, complete with handsome canopy top, full length side and back curtains, large handsome fenders, handsome lamps, full spring cushions, sarven's patent wheels, carpet and shafts.

31.75 BUYS OUR BIG ROAD KING COMBINATION HALF PLATFORM SPRING WAGON, exact to be a support of the same statement of the same spring was likely as illustrated, complete with two seats, full spring cushions and back, including shafts,

IO DAYS' FREE TRIAL. WE SHIP VEHICLES ON TEN DAY'S FREE TRIAL, with the understanding and agreement that if you do not find them better in quality and lower in price than you could buy elsewhere, return that it is not find them better in quality and lower in price than you could buy elsewhere, return that the transfer is not any attention of the price of

OUR INDIANA BUGGY FACTORY IS ONE OF THE THE WORLD, and our low prices on all kinds of vehicles, open and top buggles, road wagons, runabouts, surreys, phaetons, carriages and other vehicles will surprise you.

Our Prices Barely Cover the Cost of Material and Labor, with but Our One Small Percentage of Profit Added.

WE GAN MAKE IMMEDIATE SHIPMENT OF ANY RIG, AND OUR FREE VEHICLE CATALOGUE explains how we make the freight charges very low by shipping from the will surprise you. Write for our FREE VEHICLE CATALOGUE explains how we make the freight charges very low by shipping from the surprise you. We can be considered to the will surprise you. Write for our FREE VEHICLE CATALOGUE explains how the freight charges very low by shipping from the freight charges very low by shipping from the freight charges very low by shipping from the freight charges of the freight

Address, SEARS, ROEBUCK & CO., Chicago, III.

take the necessary time to put it away when work is pressing. As a result it stands day after day until weeks and finally months pass before a convenient time is found.

ANOTHER SOURCE OF LOSS

on many farms is the loss occasioned by failing to do a particular piece of work at just the time it ought to be done. Usually the cause is that the farmer undertakes to do more than the force he has can do. He does not make proper allowance for time lost through rainy days, sore shoulders, horses worked down, accidents, breakages, and numberless other things that will interfere with the work. The amount of this leak can not easily be estimated. Much is lost when corn is planted two weeks later than it should have been, or when the ground for lack of time was not put in as good snape as it should be, or when it is not cultivated as early as it should have been by a week, or the later cultivations do not follow as closely as they should. How much loss in value does the farmer realize from hay that is cut one or two weeks later than he would have realized had it been cut at the right time? How much does he lose by letting a crop of oats, flax, or wheat stand a week or ten days too long? Oftentimes the margin of profit in these crops is small at best, and any unnecesary loss comes off of the profits. Through a rush of work, the road-sides are not mowed wnen they should be and large crops of weeds grow up and go to seed. The hedges are not trimmed in time and they grow tall and unsightly and an extra amount of labor is then required to trim them. The front yard and adjacent to the house is neglected and the farm lacks that thrifty, well-kept appearance of the man who always does everything on time. Manure is allowed to accumulate and waste, machinery is not put away as soon as it should be and rapidly depreciates in value. The cockle-burs are allowed to stand a little too long in the cornfield and go to seed. The spring crop of pigs or calves are not attended to as soon as they should be, and a larger loss than necessary follows. Nearly every operation connected with the business sooner or later is apologized for with "We got busy at something or other and by the time we got around to this it was too late." There can be little question that it constitutes one of the most serious leaks on the farm. What is the remedy? Do you expect me to say, "Pitch into work and keep up with it"? Well that depends—that might do for the man who has not been working as hard as he should. But probably the average farmer works hard enoughperhaps too hard. If you have been working as hard as you wish to and are continually behind with your work, either lay out to do less work next year, or hire more help. You say you must raise that much crop in order to make both ends meet, and that you can not afford to hire more help. I say you can not afford to raise a crop and lose a large per centage of it by neglect. I think the leaks I have mentioned are so common and so large

that if they were stopped on all farms

the results would be marvelous. They are the most comon and most serious.

LOSS OF OPPORTUNITY. But I wish to mention one more. This one is not a loss of what we have, but a loss of opportunity to make more of ourselves, and more off our farms. chance gone by. What do you do with your spare moments? With your evenings? You do not work all of the time. What do you do while you are resting? You send your children to school that they may learn. Why do you not put in a part of your time in the same way? By steady systematic effort a man once read the books of a large library by giving just twenty minutes each day to reading. What could not one of us who had a strong, earnest desire for knowledge accomplish by giving leisure hours to steady, systematic study? How much better could we conduct our farms if we would give one hour per day to the study of farm management! much better corn we could raise if we would give one hour per day to the study of that great cereal! How much better stock we would raise if we would make a careful study of stock-breeding and feeding! We would be well repaid not only in dollars and cents, better corn, better hogs, better horses, and better cattle, but we would find ourselves better men and women, better citizens of the grandest State now on earth. In time gone by it has been said: "Any fool can farm." If by farming is meant conducting a farm so as to make a decent livlihood and a respectable citizen, perhaps it never was true, certainly it is not true now. Not long ago, Prof. Cottrell resigned his position at the State Agricultural College to assume the management of a large farm. He was already receiving a large salary; the supposition is that he would not have left that position for one less profitable. He was wanted on that large farm, not for his muscular ability; they probably could have hired men by the dozen, stronger than he, at one tenth of his salary. They wanted his brains, his head, his ideas, his thought, his ability to plan and manage; his knowledge of crops and how to grow them; of stock, how to raise it and nt it for market. And what was needed on that large farm is just what is needed on every farm in the State of Kansas, be it large or small

We live at a time and in a country where men are learning and putting their knowledge into practical use. A time of new ideas, when science is lending herself to agriculture. Our land is continually advancing in value, and that means that there must be a continual increase in value produced from that land. We must farm better than our fathers did, or than we used There is continually increasing competition, and the standard of excellence is being advanced from year to year. In this new time leaks must be found and stopped, sources of loss located and corrected. Manure must be saved and utilized; implements, tools and machinery housed and taken care of, the odd moments must be improved and the brain made to do an increasing amount of the work of the farm.

The Meat Trust, Packing-House Merg-er, and mansas City Live-Stock Exchange.

G. W. WALDREN, PRESIDENT KANSAS CITY LIVE-STOCK EXCHANGE.

When your executive committee approached me I was given to under-stand that I would not be confined to any specific argument on any given subject, and therefore give you my humble opinion, very hurriedly pre-pared, on three matters of vital interest to the producer, viz., the meat trust, packing-house merger, and Kansas City Live-Stock Exchange.

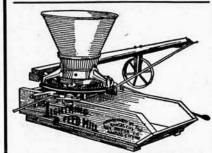
I recall very vividly one among my very limited number of public addresses. My subject was, "The Live-Stock Industry in Its Relation to the Drouth of 1901," delivered before the fifth annual convention of the National Live Stock Association, held in Chica-

go, in December of 1901. Unfortunately I drew a picture of calamity attending a severe drouth in this great State. In consequence, the Hon. F. D. Coburn, the efficient secretary of the State Board of Agriculture, gave me a newspaper drubbing, which had the good effect of making me very cautious in public addresses, also much free advertising.

From an experience covering a period of thirty years of active service in handling live stock, much has been noted in the wonderful evolution of this important industry, from the first, when the packing industry was limited to hogs, to the present, when every animal produced on the farm for the consumption of mankind, as well as the game offered by our prairies and forests, is slaughtered.

No season of the year but what the cold storage departments of the great packing houses can be drawn upon for meat products other than beef, mutton, veal and pork. If you don't see what you want in an up-to-date packing house, ask for it, as its hidden treasures reveal every kind of game known; and while the great market centers afford continuous demand for your beef, mutton, pork and veal, your woods and farms furnish the prairie chickens. quails, plovers, rabbits, squirrels, chickens, turkeys, ducks, and geese. You also have a ready market for milk, cream, butter, eggs and fruit of every variety. There is absolutely





Greatest Capacity, Lightest Draft, Quintruple Gear, Roller Movemen KANSAS CITX HAY PRESS CO., 139 Mill Street, Kansas City, Mo nothing produced upon the farm that is not in demand at the packing houses; and while the papers are continually reminding us of meat trusts and mergers (of which I will say a word later), they would seem to lead us to believe that the packing industry is the enemy of the farmer and the is the enemy of the farmer and the consumer, as well as we poor commission merchants. While I deplore the possibility of calling down upon my humble self the wrath of the agricultural department of the government, and of certain States, I do not hesitate to assert that the so-called investigation by the government of an imagination by the government of an imagination by the government of an imagination. tion by the government of an imaginary meat trust cost the farmer and stock raiser of the great live-stock producing States of the West millions of dollars. The law of supply and de-mand is inexorable; the advance of meat prices was due solely to natural causes best known by the great army of feeders. The disastrous drouth of 1901 was responsible for the scarcity of fat cattle, sheep and hogs; and just about the period when the feeder was realizing a fair profit on his investment, the meat trust scare was precipitated, and the demand was reduced to such an extent by the inability of the mid-dle classes and labor organizations to purchase, that the loss fell upon the men who fed the cattle, hogs, and sheep. Every investment in an honest enter prise is entitled to a fair profit; and after the mistake of the so-called investigation of the so-called meat trust was suddenly and mysteriously called off, supply and demand again brought about higher prices for meat products, and enabled the feeder to realze a fair profit. As well try to prove an immense trust has been operating for some weeks in the cattle industry, en-deavoring to force all the fed cattle to market at once, with the result that prices have declined from \$1.50 to \$3 per hundredweight from the high point of a few months ago. If a meat trust existed, why would it not prevent the consumer from huving his beef the consumer from buying his beef from two to five cents per pound cheaper than during the time of the govern-

The packing industry has made it possible to place American meat products in every quarter of the civilized world. Some foreign countries place serious embargo, and have caused much agitation and talk of retaliatory measures; but one fact has been proved—American beef has no equal, and the competition of no foreign country is serious against our corn-fed steer. Australia and the Argentine Republic are competitors in the cheaper grades of meats, Russian exports are small, and the export trade of American meats is an established fixture. The vast and unprecedented improvement of the different breeds of beef cattle, hogs and mutton, and the rigid inspection by the government of every carcass and piece of meat intended for export, gives America the supremacy of the world for superiority and purity, and just so long as Uncie Sam keeps his argus eye upon the present system of inspection, Europe will demand our surplus meat products.

ment investigation?

THE MERGER.

We have given our opinion of the meat trust, and will devote just a mo-ment in passing to the gigantic merger of the packing houses of the West. We do not fear it nor believe in its consummation along the lines of newspaper reports. Whenever a trust so all powerful is formed, whose object is to control prices of a food supply as all important as meat products, and rear unjust profits in this Godgiven. reap unjust profits in this God-given land of plenty, the strong protecting arm of the government will reach out and call a halt. And while I fear to touch upon the political phase of trust legislation from the standpoint of the great leading political parties, my faith is so well grounded in the intelligence and patriotism of my countrymen that any scheme of class legislation will be handled properly to the end that the greatest good to the greatest number will be the result.

THE LIVE-STOCK EXCHANGE.

I am asked to say a word regarding the Kansas City Live-Stock Exchange, and its benefit to the producer of live stock, who is also a feeder and shipper. While not an old man, I antedate the formation of such organizations in the West, and am a daily living witness to its incalculable benefits to the patrons of the second largest live-stock market in the world. In its workings there is no perceptable difference from the exchanges in their operation at all the market centers of the United States, and as all organizations formed upon moral obligations for mutual benefit should be, it is founded upon principles of honesty and integrity.

The detail of enforcement of its laws

\$100 CASH PRIZE FOR ANY
STUDENT OF AN COLLEGE OR FARMER



SHETERRATIONAL STOCK FOOD" EF'S FEEDS FOR ONE CENTURE is Prepared from Roots, Herbs, Seeds and Barks and Wen the Highest Medal at Paris Exposition in 1900 High-Class regetable, medicinal preparation to be feet to stock in small hounts as an addition to the regular feed. It is a Great Aid in Growing or Fattening stock because increases the appetite and Aids Digestion and Assimilation so that each animal obtains more nutrition from the grain eaten. We positively guarantee that its use will make extra money over the usual Plan of Growing and Fattening stock. "Instruction for the grain eaten. We positively guarantee that its use will make it is absolutely Harmless even if taken into the Human System. You insist on sating medicinal ingredients with your Own food at every meal. Saltis as atomach tonic and medicine, Pepper is a powerful stimulating tonic, Hustard is a remedy for dyspepsis, Vingars is a diuretic. For east these medicinal ingredients amoust with every mouthful of medicine, Pepper is a powerful stimulating tonic, Hustard is a remedy for dyspepsis, Vingars is a diuretic. For east these medicinal ingredients almost with every mouthful of medicine, Pepper is a powerful stimulating tonic, Hustard is a remedy for dyspepsis, or desire to keep them in the best possible condition. "International Stock Food" contains pure vegetable medicine in the best possible condition. "International Stock Food" is sendorsed by Forry High Class Farm Paper. If purifies the blood, stimulates and permanently strengthens the entire system so that disease is prevented or cured. "Estwerming Stock Food" is seld on a "Spot Cash Guarantee" by Tiffy Thousand Dealers throughest the Werld. Eff Your Honey will be Fromptly Refunded in Any case of Et will make your Figs or Honey error paper. Afgregated in Any case of Et will make your Figs or Honey error paper. He found in Any case of Et will make your Figs or Honey error paper. Afgregate the blood, the Huntard Paper Stock Food" is seld on a "Spot Cash Guarantee" by Tiffy Thousand Dealers th

\$3000.00 STOCK BOOK FREE

IT CONTAINS 183 LARGE ENGRAVINGS OF HORSES, CATTLE, SHEEP, POULTRY, ETC.



Cover of this Book is a Beautiful Live Stock Picture as Frinted in Six Brilliant Colors. Book is 6½ by 5½. See engraving for greatly reduced design of cover. It sees us \$3000 to have our Artists and Engravers make these life Engravings. This Book contains a Finely Illustrated Veteriaary Department that will Save You Hundreds of Bollars. It describes common Diseases, and tells not treat them. It also gives Description, History and Illustrations of the Different Breeds of Horses, Catle, Sheep, Goats, Hogs and Roulsty. It contains testimonials, and Life Engravings of many very noted Animals. The Editor Of This Paper Will Tell You That You Ought To Have This Book in Your Library For Reference.

\$10.00 CASH, we will send you, IF BOOK IS NOT AS STATED. Halled Free, Feetage Propaid, If You Write Us (letter or postal) and Answer These 2 (

is vested in a board of directors, who

serve without remuneration. If any shipper present can go back to the

days when he sold his own consignment on the market, and recall the

vexation-and too often loss-by the schemes of unscrupulous dealers to get his money, and compare that to the present splendid system, he would be my best advocate in favor of live-stock

exchanges. While you farmers occasionally are unfortunate enough to find

a scrub in some branch of your live

stock family, born upon the farm, you get rid of it as speedily as possible. We sometimes let a scrub get into our

membership, but under the watchful eye of our officers and committees ap-

eye or our omcers and committees ap-pointed for the purpose, Mr. Scrub is made to "tote" square with the patrons of our market; and when we find one who can not do business upon high moral and honest principles,we do as you do with your sorry scrub, we get rid of him, or discipline him so severe-ly that it pays him to get right.

It has often been reported that a sipper can not buy stock or sell his own consignments on the market. This

is erroneous, and when told to injure the members of the exchange, is a lie.

On eligibility for membership our law reads: "Any man can become a mem-

ber who is vouched for as reputable,

upon the payment of the membership

sponsibility attached, we must know

that his financial standing entitles him to handle your property. While a man

may be honest, if not possessed of suf-

ficient means, he is not wanted, as once

he becomes a member of the Kansas

City Live-Stock Exchange, he is stamped as reliable as well as honest.

No avenue should be closed to an honest man who seeks a field of business

he is able to prosecute; but to be a member of the Kansas City Live-Stock

Exchange requires a knowledge of con-

ducting a commission business, and with sufficient finances to stand be-

tween the patron and the buyer for matters of convenience and expedien.

cy as well as safety.

I do not want to be misunderstood.

We go further. Knowing the re-

ly that it pays him to get right.

International Stock Food Co., MINES., U. S. A. Mundreds of Thousands of Testimo

DON'T FEED "WORMS" "BAD BLOOD" OR "RUN DOWN" STOCK BUT GET REX CONDITIONER

25c, 50c, 75c, AND \$3.00 BAGS, GUARANTEED Stock Food, Rex Poultry Food and Rex Lice Killer.

For "wormy" or "out-of-condition" stock of all kinds, \$1.00 worth of Rex Conditioner will do more work than \$19.00 worth of any kind of Stock Food including our own. It is made expressly for "wormy," "poor-blood" or "rundown" stock of any kind and is Endorsed by State Veteriarians. Insist on your dealers furnishing you "Rex" or write to us. We also make Rex Hog Remedy, Rex

REX STOCK FOOD CO. OMAHA, NEB.

Among other benefits to the patron, aside from expert service in handling live stock to obtain best prices, as aforesaid, is the expediency and safe-ty. Before the organization of exchanges I have known shippers to be three and sometimes four days collecting money from sales. Now, when the shipper is sold out, even within the hour, his returns are in his possession.

Another and most important benefit to the patron of the Kansas City mer-ket, which obtains at all others, is that through the membership of the exchange, interest rates have been very greatly reduced. While not all members of the exchange are commission merchants, all the latter are advised to take out memberships, and through this much abused class have rates of interest by the country banks been reduced. From a close study and con-nection with four leading exchanges, and as the executive officer of the second largest live-stock exchange of the United States for three years, I unhesitatingly say, without fear of contradiction, the Kansas City Live-Stock Exchange is indispensable to the shipper of live stock, and their best interests are subserved by entrusting their busines to its care.

Another one of the important benefits conferred upon the patrons of this market, and which obtains at all others, is the system of market literature disseminated broadcast by the members of the exchange. The government has never, in my estimation, inaugurated a system of such universal value to the farmer as the rural route delivery. Through its operations we are enabled to transmit daily reports to market conditions; and while the speculator (and

by this term I mean the man who drives through the country buying a few head here and there) may grum-ble at the widespread information given, the great army of live-stock raisers can not but commend the government and the members of the different livestock exchanges of the country for valuable market information.

Not alone are our members in touch with the vast industry of live stock, but they are in touch with every forward movement that has for its object the betterment and upbuilding of Kansas City.

We are not here to give advice to the farmers assembled, but we might add this timely suggestion that, in our experience it has been proven that the producer of live stock and all farm products, is the consumer as well. His cattle produce the leather used in his harness and for his boots and shoes, his sheep the wool, his cotton comes back to him in his clothing, bedding, etc., and even the bristles from the backs of his hogs come back in the form of brushes for all uses; and we might go on ad libitum. But the point we desire to make is that the raiser of live stock must, to be successful, start with the best breeds of all live stock. You certainly will not use an inferior seed for wheat, corn, oats, barley, and rye, much less should you use inferior breeds for meat purposes.
In closing, I desire to thank your

committee for the high honor conferred upon me in permitting me to address men who represent not only the bone and sinew of the nation, but the very foundation of American independence.

Horse Owners! Use Caustic Balsam

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

The Stock Interest.

THOROUGHBRED STOCK SALES.

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

February 20, 1903-S. S. Spangler, Milan, Mo., ercheron horses. Percheron horses.
February 25, 1903—Croft, McCandless, and Lindsey,
Galloways, at Denver, Colo.
March 3, 1903—L. M. Monsecs & Son, Smithton,
Mo., Jacks, jennets, saddle horses, and Poland-China

Mo., jacks, jennets. saddle horses, and Poland-China swine.

March 8 and 4, 1908—C. H. Gardner and M. A. Judy, Aberieen-Angus cattle, at Chicago.
March 13, 1903—H. W. Weiss, Westphalia, Kans., Shorthorns, at South Omaha.
March 19, 20, and 21, 1904—tombination horse sale at Riverside Sarn, W. hita, Fans., 300 black class horses. J. 9. L. fur., Eldorado, Kans., and others.

April 1-2, 1908—Shorthorn cattle. H. O. Tudor, Boton, Kans.
April 22, 1903—Shorthorn Breeders' C'mbination Sale, Bunceton, Mo. C. P. Tutt, Sec. etary.

KANSAS SWINE-BREEDERS.

Following is the program for the special session of the Kansas Swine-Breeders' Association to be held at



H. W. CHENEY, SECRETARY KANSAS SWINE BREEDERS' ASSOCIATION, NORTH TO-PEKA. KANS.

Manhattan, Kans., March 12 and 13, during the week of the swine judging at the Kansas Agricultural College:

THURSDAY EVENING, MARCH 12, 7 O'CLOCK. "The Berkshire-History and Stand-of Excellence"-G. W. Berry, Em-

ard of Excellence"—G. W. Berry, Emporia, Kans.

2. "The Poland-China—History and Standard of Excellence"—C. M. Irwin, Wichita, Kans.

3. "The Duroc-Jersey—History and Standard of Excellence"—D. Trott, Abilene, Kans.

4. "The Chester White—History and Standard of Excellence"—D. L. Button, North Topeka, Kans.

FRIDAY EVENING, MARCH 13, 7 O'CLOCK. 5. "The Rearing and Caring for Brood lows"—Thompson Bros:, Marysville,

Sews'—Thompson Bros., Marystine, Kans.
6. "The Feed and Care of Young Pigs from Birth Until Weaned"—A. M. Jordan, Alma, Kans.
7. "The Pig-from Weaning Time Until
He Is Marketed"—M. Patterson, Blue
Rapids, Kans.
8. "Arrangements of Hog-pens, Yards,
and Pasture"—L. P. Fuller, Morrowville,
Kans.
9. "Fads and Fools"—H. W. Cheney,
North Topeka, Kans.

Note.—The papers in the foregoing program will be subject to pertinent discussion, and swine-breeders are urged to be prepared. The judging of swine by the students of the Agricultural College under the tutelage of a competent expert will be in progress during the entire week of March 9-14, and the college management have promised a slaughter and cooking test to which all breeders of swine are invited, and it is hoped the swine-breeders of the State will attend both the judging school and the meeting of the association, and thus assist by your presence and council to place the business of swine-breeding upon that high er plane which by reason of its importance it should justly occupy.

Casey's Shorthorn Sale.

Amanda Ellersile, Jas, Luke... 328
Nellie of Ellersile, Guilford Dudley,
Topeka... 320
Duchess of Surrey, J. S. Fergis, Lenexa... 155
Oakland's Queen, A. A. Wallace,
Bunceton, Mo... 165
Kirklevington Belle, E. H. Rutledge,
Little River... 125
Kirklivington of Tebo Lawn, E. H.
Rutledge... 115
Lady Brough 12th, S. E. Wornall... 130
Matilda of Maple Hill 18th, A. D. Robbins & Son... 200
Amanda Rosedale 2d, E. S. Stewart... 180
Ellersile Crest, E. H. Rutledge... 180
Golden Crest, Albert Gaddis, McCune, 200
Beautiful Belle 3d. J. S. Fergus... 180
Lelia C. 2d, S. S. Heberling, Overbrook 210
Georgia Pride, E. H. Rutledge... 215
Red Bird, Grantford Smith, Carthage,
Mo... 255
Primrose May 2d, E. H. Rutledge... 270
Ruby Abbottsburn, Dr. Keith, Sturgeon, Mo... 200
Lena Venable, E. K. Tomson & Sons, Peerless, Frank Harding, Waukesha, Wis. 155
Lena of Tebo Lawn, E. H. Rutledge. 105
Lady Sharon, C. D. Benner, Weston, Mo. 150
Effic Knight, Sanford Smith, Carthage, Mo. 115
Lady Audley, C. D. Banner. 200
Adel, Robbins & Son. 100
Lottie, V. R. Ellis, Gardner, Kans. 120
BULLS.

BULLS.

The Wornall & Son's Grassland Shorthorn Sale.

horn Sale.

The Shorthorn sales held last week at Kansas City were representative in cnaracter and realized satisfactory averages. On February 10, T. J. Wornail & Son, Liberty, Mo., sold ten bulls for 3,120, an average of \$312, and forty-two females sold for \$8,520, an average of \$202.85. The fifty-two head sold for the neat sum of \$11,640, a general average of \$227.84. The top price for females was the Scotch cow, Posy Queen and helfer calf, which sold or \$525 to J. J. and J. W. Prather, Williamsville, Ills. The top price for bulls, and of the sale, was the herd bull, Valley Count, which was at the head of Wornall's show herd last year. This bull brought \$605 and went to Jas. Luke, Carthage, Mo. Another notable sale was the bull, Ravenswood Admiration, sired by the celebrated Lavender Viscount, which sold for \$360 to the Kansas State Agricultural College.

The sales in detail were as follows:

tural College.

The sales in detail were as follows:

FEMALES. Victoria of Grassland, C. D. Bellows Victoria of Grassland, C. D. Bellows & Son. 400
Princess Royal Queen, H. J. Givens,
Fayette, Mo. 535
Countess Mary 8th (imp.), J. D. Robbins, Horace, Ind. 440
Butterfly's Lustre, T. K. Tomson, Dover. 200
Flora D., A. Alexander & Sons, Bedford, Iowa. 305
Cloverleaf Butterfly 12th, Purdy Bros.,
Harris, Mo. 195

Gwynne of Maple Hill 16th, J. J. Mason. Overbrook. 245

Fannie Sloan 6th, J. J. Mason. 245

Mary of Wildwood 38th, Purdy Bros. 135

Peach, Frank Harding, Waukesha, Wis. 330

Julia K., T. K. Tomson & Sons. 205

Viscountess of Grassland, J. G. Robbins, Horace, Ind. 200

Queen Louise, D. T. Bronaugh & Son, Mashua, Mo. 160

Grassland Lily, Geo. E, Ward, Sloux City, Iowa. 100

Buena Vista, I. N. Bailey, Shebbina, Mo. 105 Gwynne of Maple Hill 16th, J. J. Mason. Overbrook. BULLS. Money Bags, W. R. Helmuth, Frank-Sel Murray, T. J. Collins, Bell Rapids, S. D. 130

Davis' Duroc-Jerseys Average \$48.

Davis' Duroc-Jerseys Average \$48.

J. B. Davis, of Fairview, Brown County, held a very successful sale of thirty-five Duroc-Jersey bred sows and glits at his farm on February 5. This was the first brood-sow sale ever held by Mr. Davis, and the average of \$48.06 realized on thirty-five gilts and sows was very gratifying to Mr. Davis and the breeders in attendance. It was the best average ever made for the breed in the auction ring in Kansas. The range of prices was from \$34 to \$30. The sows and glits sold to buyers in Kansas, Nebraska, Missouri and Oklahoma.

The Nebraska breeders were lively and enthusiastic bidders and that veteran Missouri breeder, A. F. Russell, of Savannah, was gratified to note that animals of his breeding were top-notchers at this sale. The local auctioneer and breeder, Eli Zimmerman, was assisted by the Nebraska auctioneers, Cols. Harding and Callahan.

The sales in detail were as follows:
Nini 16104. H. B. Louden, Clay Center.

The sales in detail were as follows: Nini 16104, H. B. Louden, Clay Center, Neb. Lady Reserve 30698, W. H. Bell, Everest, Kans. Kans. 44
No. 12, sow, L. Van Burgan, Dawson,
Neb. 46
No. 13, gilt, L. A. Sherman, Hiawatha,
Kans. 50
No. 14, gilt, W. E. Irwin, Holmesville, Neb. 0. 15, A. F. Russell 0. 16, sow, B. F. Acker, Everest..... 0. 17, gilt, J. L. Livingston, Burchard, No. 1., Neb... 18,

40 No. 31, gilt, P. Neison, Neb. No. 32, gilt, W. R. Crow, Clay Center, 31, gilt, P. Nelson, ClayCenter,

 Neb
 36

 No. 33, gilt, Fred Shiveley, Fairview, Kans
 34

 No. 34, gilt, L. H. Schwitzer, Holmesville, Neb
 36

 No. 35, gilt, W. E. Franklin, Sabetha, Kans
 50

 No. 36, gilt, Will Veatch
 52

 No. 37, gilt, T. J. Livingston
 80

 Paul F., boar, J. M. Dickinson
 21

 36

Hoover's Poland-China Sale.

Hoover's Poland-China Sale.

The second annual public sale of Poland-Chinas held on the 14th inst. by Frank Hoover, of Columbus, was quite a satisfactory sale. Thirty-two bred sows averaged \$25.53, nine boars averaged \$26.22, and eight unbred gilts averaged \$15.25, making a general average of fortynine head of pure-bred Poland-Chinas of \$25.61. Col. Jas. W. Sparks, Marshall, Mo., did the honors of auctioneer in h's usual inimitable manner. The complete list of purchasers were:

Wm. Bannum, Sanders; A. B. Saunders, Columbus; Ed. McDanield, McCune; Wm. George, Columbus; O. C. Rummel, Baxter Springs; W. O. Crawford, Baxter Springs; C. B. Koogler, Columbus; Zeigra Bros., McCune; A. N. Williams, Baxter Springs; Wm. Flizler, Galena; R. B. Francis, Columbus; B. E. Fast, Columbus; J. O. Haucks, Columbus; W. J. Honeyman, Mad.son; Chas Reinhart, Columbus; Jas. Grant, Scammon; C. E. Beaman, Sherman; R. Nugent, J. L. Jackson, Jas. Armstrong, J. L. Berce, G. F. Anderson, A. Bowlby, Chas. Bartlett, H. A. Schreiner, C. Hensley, A. Walke, S. D. Newton, W. E. Tay-

Don't neglect little ills. They soon grow to big troubles. Keep on hand a supply of WATKINS' STANDARD REMEDIES and be prepared for emergencies. Our bonded agent will call upon you with 52 standard household preparations, direct from our \$500,000 medical laboratory, the largest of the kind in the world. He guarantees everything and lets you try before you pay. Send to-day for one free copy of Watkins' Home Doctor and Cook Book, giving home treatment for all diseases of man and beast. The J. R. Watkins Medical Co., 28 Liberty Street, Winona, Minn.

lor, and A. Dixon, Columbus, Kans; W. R. Crowther, Golden City; H. M. Holdeman, Girard; G. M. Gordon, Neutral; A. D. Watts, Halloweyy; H. H. Schlessman, Cresline; A. J. Cunningham, Cherokee; E. S. Wright, Hallowell; and A. M. Duncan, Weir City.

One litter of six glits by Hoover's Wilkes out of Sally Teel 58848 by Idle Chief 24695, of April, 1902, farrow, sold for a total of \$167-a sample of one sow's semi-annual dividends. The top price of the sale was given for one of this litter at \$45 by Zeigra Bros., of McCune, Kans., who are accounted unusually good hog judges. Ed McDanleld, of McCune, Kans., bought a choice March glit at \$40. H. N. Holdeman, of Girard, Kans., secured a bargain in an I Am Chief yearling sow at \$40.

American Berkshire Association.

American Berkshire Association.

The twenty-eighth annual meeting of the American Berkshire Association was heid in the office of the association, Springfield, Ill., January 23, 1903. The meeting was largely attended, members being present from several States.

The auditor's and treasurer's reports showed that the receipts for the year were \$6,996.80, and the disbursements \$6,696.88. As there was a balance on hand at the beginning of the year of \$1.399 45, the balance in the treasury was \$1,745.37.

The stock of the association that has been held in blocks by individuals was purchased by the association, and a resolution was adopted hereafter restricting the holding of more than one snare of stock at \$100 or four shares at \$25, by any one individual or firm. A committee was appointed to make necessary arrangements to reduce the shares of stock to \$25.

The following officers were elected; President, Geo. S. Prine, Oskaloosa, Iowa; vice-president, Geo. F. Weston, Biltmore, N. C.; secretary, Frank S. Springer, Springfield, Ill.; treasurer, D. W. Smith, Springfield, Ill.; auditor, Thomas Rees, Springfield, Ill.; directors, N. d. Gentry, Sedalia, Mo., and Geo. F. Weston, Biltmore, N. C.

The holdover directors are: Geo. S. Prine, Oskaloosa, Iowa, A. J. Lovejoy, Roscoe, Ill., Geo. W. Jessup, Rockv.ne, Ind., June K. King, Marshall, Mo., Geo. P. Lilliard, Seguin, Tex., D. W. Smith, Springfield, Ill.

Meet Me at Kansas City February 25

Meet Me at Kansas City February 25 and 26, 1903.

The offering of 140 head of typical Herefords at auction at the fine-stock sale pavilion, Kansas City, on February 25 and 26, is a Hereford event of much more than ordinary importance to the Whiteface fracternity. It is a very large offering of ideal and representative young stock, animals of the best blood lines known to the breed and, at the same time, of such individual excellence that will reflect credit to the famous breeding establishments represented in the select contributions to this sale.

This grand public sale comprises the

This grand public sale comprises the annual contribution of the best produce



NO MONEY TILL CURED. 25 YEARS ESTABLISHED.
We send FREE and postpaid a 200 page treatise on Piles, Fistula and Diseases of the
Rectum; also 100 page illus, treatise on Diseases of Women. Of the thousands cured
by our mild method, none paid a cent till cured—we furnish their names on application.

DRS. THORNTON & MINOR, 1007 Oak St., Kaneas City, Me.

CARELESS MOTHERS

THEY ARE RESPONSIBLE FOR MUCH SUFFERING.

any a Woman Can Trace the Cause of Her Trouble to Neglected Girlhood. One of the Exceptions,

Three-fourths of the women who are unfering could truthfully say that their mothers are to blame for their trouble. Perhaps the proportion is even greater. How grateful then must be the woman whose prudent mother brought her safely through the criti-cal period of her girlhood, guarded her health and fitted her for perfect womanhood. Such was the case with Mrs. A. L. Luckie, of 419 Lindenwood

Avenue, St. Charles, Mo. She says:
"When I was 14 years old, I was afflicted like many girls upon arriving at about that age and the credit is due my mother and Dr. Williams Pink Pills for Pale People that I came through it safely. In addition to the trouble mentioned I was so pale that it seemed my veins were empty of blood. I was delicate and without strength or ambition. But my mother gave me Dr. Williams' Pink Pills and a few boxes restored me to health and

brought good color to my cheeks.

"Later on in life I used this remedy again with just as good results and now we always keep them in the house. I am now regular and I am in excellent health, thanks to Dr. Williams' Pink Pills."

Dr. Williams' Pink Pills for Pale People cure cases like this because they go to the root of the disease. Other remedies act on the symptoms —uses marvelous vegetable pills remove the cause of the trouble. Not only have they cured hundreds of cases similar to Mrs. Luckie's but they have proven themselves to be an unfailing specific for all diseases arising from impure or improversibled. unfailing specific for all diseases arising from impure or impoverished blood and weakened nerves—two fruitful causes of nearly all the ills to which humankind is heir. They are an unfailing specific for locomotor ataxia, partial paralysis, St. Vitus dance, sciatica, neuralgia rheumatism, nervous headache, after-effects of the grip, palpitation of the heart, pale and grip, palpitation of the heart, pale and sallow complexions and all forms of weakness either in male or female. Dr. Williams' Pink Pills for Pale People are sold in boxes at 50 cents a box or six boxes for \$2.50, and may be had of all druggists, or direct by ma'l from Dr. Williams Medicine Co., Schenec-

tady, N. Y.

of several of the most famous herds in America, viz.: Gudgell & Simpson, Independence, Mo., will sell twenty-five helfers and five bulls; C. A. Stannard, Emporia, Kans., fifteen helfers and eighteen bulls; Scott & March, Belton. Mo., twenty-five helfers and eight bulls; F. Rockefeller, Belvidere, Kans., fifteen helfers and eleven bulls; Fritz & Shea, Blakesburg, Iowa, four helfers and two bulls; Mrs. C. S. Cross, Emporia, Kans., two bulls; Walter B. Waddell, Lexington, Mo., three helfers; Geo. B. Baker, Maryville, Mo., three bulls. Each of the contributors to this sale is sending the very best young cattle on his farm that he will sell. There are among the consignments prize-winners at the shows of 1901 and 1902, both bulls and helfers, so that the wants of all can be supplied—the rangeman who wants bulls to turn on the range and the breeder who wants a bull to head his herd. The breeder who needs more and better foundation stock will find in the ninety head of bred females an opportunity, sendom offered, to secure some of the very best specimens of the breed, and what is more important to the buyer is the fact that high prices are not likely to obtain, as public sales of all breeds of stock have settled down to a practical basis, so that, as a matter of fact, the intending purchaser can now secure desirable breeding animals at a less price than he can at private sale. In a breeders' combination sale of this character, each breeder is quite anxious that his consignment shall compare favorably with those of his fellow breeders. In this sale Mr. F. Rockefeller, of Belvidere, Kans., is making his first contribution of consequence and like his notable associates, has a desire that his cattle shall make reputation for his splendid establishment.

It certainly is a great offering of grand Hereford cattle with the advantage unmistakably in favor of the buyers. And in behalf of the breed, this sale should be an occasion for a veritable rally of the Whiteface fanciers. A big lot of good cattle should attract a great att

Dispersal of Dairy Cattle and Duroc-Jerseys.

The dispersal sale of Burton & Burton's celebrated herd of eighty very select young dairy cows and bred heifers of Shorthorn, Red Polled and Holstein high-grades, and the fine herd of Duroc-Jersey swine and Kentucky saddle horses established by G. G. Burton, of Topeka, is a live stock event of more than ordinary importance to many of our readers who

need first-class stock of this kind. Ow-ing to a change in other business the Burtons very reluctantly part with their entire herds at public sale at Topeka, on February 8, as per advertisement in this issue.

Gossip About Stock.

At Chicago, on January 21, John E. Griffith, of Washington, Iowa, and S. Melvin, Greenfield, Ill., held a sale of Aberdeen-Angus cattle in rather thin condition, just off grass, and made an average of \$143.

We are in receipt of a notice from Robt-J. Evans, secretary of the Nationel Du-roc-Jersey Swine Record Association, that Vol. 10 will close in a few days, and that already about 4,000 pedigrees have been entered in the book.

D. L. Button, breeder of improved Chester White swine, North Topeka, Kans., reports that he has for sale twenty bred sows of April and May farrow, also a number of good October males ready for shipment.

The popular headquarters for stockmen who visit Kansas City is the Coates House. Direct car lines from the Union Depot and to the Stock yards. Whenever public sales of fine stock are held at Kansas City you can depend on meeting the crowd at the new Coates House. Special rates to stockmen.

Our friend and subscriber, J. S. Dow, Reeding, O. T., had the pleasure of carrying off the highest-priced buil in the Hereford sale at Oklahoma City. This was Stannard's Cavalier 2d 106072, a grandson of Hesiod 2d and a good example of the breeding which made Jas. A. Funkhouser rich. Mr. Dow paid \$270 for this 2-year-old buil, and many judges present conceded that he secured him at little more than one-fourth his value.

E. A. Smith, proprietor of the Norwood Stock Farm, Lawrence, Kans., one of the best horse breeding establishments in the West, is closing out his stock and this week advertises at a special price his famous stallion, Sela Boy 18124. He is 15½ hands high, standard bred and was sired by Sealskin Wilkes. To those interested in this class of horses this is one of the bargains of the year.

Look out next week for some horse news of a sensational character regarding the achievements of one of the celebrated breeding establishments of Kansas and the West. Owing to the crowded condition of our columns this week we have deferred the announcement until next week's issue; meantime, write to R. I. Lee, Wanamaker, Kans. for catalogue of his dispersion sale of horses, to be held at the fair grounds, Topeka, on March 5.

Manwaring Bros., breeders of Berkshire swine, Lawrence, Kans., in changing their advertisement say: "Our sales this fall have been exceptional, and we only have a few gilts for sale that are bred, and a very limited number of fall pigs. We purchased three head at the Kansas city sale, February 6, that were choice animals. One of our own sows farrowed the same day ten pigs, our first litter for 1903. Stock have done well and are looking fine."

Mr.A. C. Bartlett, of Route No. 5, Wellington, whose advertising card appears on page 212, is a breeder of Red Polis of the prize-winning type. At the Wellington fair last fall he won first on aged bull, Maxse 2211; first on 2-year-old bull, Leo 2360; first on aged cow, Kyrene 1863; first on 2-year-old cow, Kyrene 1863; first on 2-year-old cow, Beauty 4294; first on Sunflower 5532, and first on helfer calf, Brown Bess 5788. He has plenty more of the same sort. Write him for information.

On Thursday, February 26, there will be held a public sale of stallions and horses at the barn of R. Kimbell, Yates Center, Kans. The offering will consist of two registered draft stallions, one English Shire, one high grade draft stallion, a registered trotting stallion, registered saddle stallion and one jack, also several head of well-bred young horses and mares. For further particulars send for catalogue to R. Kimbell, Yates Center, Kans.

We call attention to the advertisement on page 213 in this week's Kansas Farmer of the Johnson County Jack Farm owned by G. A. Fewel, breeder of fine jacks and jennets, Leeton, Mo. The demand for this class of stock was never better than at present and our readers need have no hesitancy about dealing with this well-known breeding establishment. The farm is very accessible, being located between Kansas City and Sedalia, and intending purchasers would do well to visit this establishment.

Henry Avery & Son, of Wakefield, Kans., call attention to the fact that "With one exception, every one of our Percherons in the consignment to the Wichita combination sale, were bought by experienced Percheron horsemen. This shows that our stuff with its rich breeding and quality had the call with men, who are competent to find the good things in a sale; not only this but another thing which substantiates an old theory of ours, nearly all of the purchasers were old customers—our sales and satisfied customers have been our best advertising medium."

The public sale of thoroughbred Shorthorns from the Blue Grass Herd, owned by J. S. McIntosh, Eudora, Kans., heid at Manhattan, Kans., February 16, as the dedicatory event of the new sale barn of C. P. Dewey, of Manhattan, was quite a successful sale despite the blizzard and cold weather prevailing at the time. Three bulls averaged \$118.33 and forty-four cows and helfers \$118, making at total sale of \$0.675, making a general average of \$118. The auctioneers at this crowning event were Cols. Jas. W. Sparks, Marshall, Mo.; Lafe Burger, Wellington, Kans.; and L. R. Brady, Manhattan, Kans.

The late F. J. Knapperberger, of Penalosa, took great delight in his show-herd of Poland-China swine with which he was so successful in the fairs of Kansas the last season. The last day of his life he sent for R. J. Simonson, the manager of the Ruby Red Hereford ranch, of Cunningham, Kans, to commit the care of his swine to worthy hands. Mr. Simonson advised Mrs. Knappenberger to continue

FREE ADVICE TO STOCKMEN.

An Eminent Veterinarian Offers His Services Free of All Charge Dur-ing February to Readers of this Paper.



NY reader of this paper.

NY reader of this paper may now have—free—consultation, advice and prescription for any animal, from—the eminent veterinary surgeon. Dr. Hess. He is a graduate of famous American medical and veterinary colleges and these insented in the profession generally recognize his written works as authoritative and his preparations for cattle, horses, sheep and hogs as standard remedles.

No matter how much money you may be willing to pay'a veterinary, you could not get better service than Dr. Hess will give absolutely free during February. But this offer is goed only for this month.

If you have an animal that is alling from disease or injury, write at once. The only conditions are that you send a 2c stamp for reply, and state what stock you own; what stock food you have fed, and mention this paper. Address Dr. Hess & Clark, Ashland, Ohlo.

This offer is intended to cover specific cases—to demonstrate Dr. Hess' ability. It is not an offer of general advice on the training and care of stock.

While you are waiting Dr. Hess' reply it would be well to get a package of Dr. Hess' Stock Feed (100 lbs., \$5.00; smaller packages a little higher proportionately) and begin conditioning all your stock. It is a scientific preparation that nourishes the vital organs of an animal and gives to all foods the elements of strength and vitality they may lack—producing perfect condition, vigorous health, greater weight. A wonderful tonic; a marvelous invigorant; a positive weight producer.

The use of this wonderful tonic and remedy is so simple that anyone may em-

ous invigorant; a positive weight producer.

The use of this wonderful tonic and remedy is so simple that anyone may employ it without further direction than is shown on the wrapper. But if any of our readers would like to make a study of the diseases of stock and poultry, he can get a copy of the comprehensive Dr. Hess' Stock Book free of all cost by mentioning this paper, stating what stock he has; what stock food he has fed, and addressing Drs. Hess & Clark, Ashland, Ohio.

addressing Drs. Hess & Clark, Ashland, Ohlo.

This is a standard work written for the use of the people at large.

With the ald of the Dr. Hess' Stock Book you can become a master of all diseases of cattle, horses, sheep, hogs and poultry; you will not only be familiar with all the disorders of stock, but will know the remedy to be applied. It may save you great sums of money; it may make you a local reputation that will be very useful.

the management of the herd but she felt unequal to the task and has recently sold the entire herd to Mr. Simmons and Mr. Landon, the proprietor of the Ruby R.ds. Mr. Simonson is an enthusiast over fine stock and will give the herd his best at-tention.

W. J. Snodgrass, Gordon, Kans., who won reputation as a breeder of show Shorthorns, has decided to dispose of his herd buil, Scott Jr. 124222. This buil stood first 'in class at the El Dorado fair and at the Winfield fair and was sweepstakes buil any breed or age at the latter. He is a buil of unusual merit, both as an individual and a breeder and he is a good flesh carrier. In these fairs he has been in keen competition with the best known breeding buils that were shown, and he has stood first in each show. To anyone who is in need of a first-cass Shorthorn buil to stand at the head of his herd we recommend Scott Jr. and suggest wrang to Mr. Snodgrass for any details not given in his advertisement.

on February 11 was held a combination sale of Poland-China swine which was contributed to by E. Bracht, V. L. Bath, A. J. Henthorn, G. G. Baker, and W. G. Moore, of Oklahoma City, and O. L. Jewett, Coyle and Frank Duck, Stillwater, O. T. Twenty-eight head were sold for 482. The prices ranged from 71 up to \$39, with an average of \$17.21. The buyers were as follows: G. G. Baker, Jas. Mc-Cormick, A. J. Henthorn, N. G. Jones, T. A. Cook, Chas, Lloyd, J. R. Gilleland, J. D. Davis, J. A. Rettenhour, and W. E. Gresham, all of Oklahoma City, John W. Jones, Caspon, J. H. Hefner, Vernon, J. T. Hughs, Weatherford, W. E. Craig, Guthrie, M. M. Barnard, Perry, R. K. Parks, El Reno, Ralph Smith, Perkins.

Last week a representative of the Kansas Farmer made a trip of several hundred miles through Oklahoma, and was pleased to note the splendid condition of the wheat. If the present prospects are fulfilled the Territory will have a recordbreaking crop. While it was reported, eraller in the season, that the early sown wheat had suffered from the ravages of the fly in certain sections, the present appearance of the crop gives no indication of the and the talk about it has ceased. pearance of the crop gives no indication of it, and the talk about it has ceased. The wheat plant now is much more advanced and in much greener color than in general in Kansas and much of it is still being lightly pastured. Everywhere throughout the Territory inspected the farmers were busy plowing for their spring crops, and are evidently making ready early to force a continuance of the prosperity which has made their land famous.

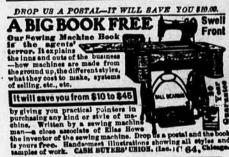
There will not be many opportunities this year to secure Galloway cattle at auction. The first chance to secure some of the best Galloways bred in Kansas will be during the cattlemen's convention at of the best Galloways bred in Kansas will be during the cattlemen's convention at Denver February 25, at which time S. M. Croft & Sons, of Bluff City, Kans., will sell twenty-three head, sixteen cows and hefters and seven bulls; and forty-eight head more will be contributed to this sale by G. W. Lindsey, of Red Cloud, Neb., and W. Guy McCandless & Sons, Cotton-wood Falls, Kans., as per the advertisement in this issue. We specially commend this offering as representative Galloway cattle to cattlemen of the fange country, and a class that will be found specially desirable, coming from notable herds of the highest sharacter of breeds



CAR-SUI CURES Mange and Itch; KILLS Lice, Ticks and Screw-Worms; HEALS Cuts, Wounds, Galls and all Sores. GUARANTEED to do the work without injury to eyes or other parts of animal. At dealers or by express, prepaid, \$1.50 per gallon. 25 cent cans—dealers only. Special price in quantities. Write to-day for book and free trial Car-Sul. Address MOORE CHEMICAL CO., 1501 Genesee St., Kansas City, Mo

HERD BULL For Sale Or Trade.

Having used my herd buil on my small herd of shorthorn cows as long as plactical I offer him for sale or trade. He is ont of a pure Duchess coward by a pullebred Cruick shank bull. Guaranteed a breeders and all right. For particulars, address DR. C. M. COE, 1915 Walnut St., Kansas City, Mo, 2



BEES If interested in bees subscribe for the Progressive Bee-Keeper 50c per year. Sample copy free, also copy of catalogue of Bee Keepers' Supplies. LEAHY CO., HIGGINSVILLE, MO.

ing. A more desirable lot of Galloways has never been offered to the Western ranchman than will be included in this sale. Consult their advertisement on another page and write the different consignors for catalogue.

sale. Consult their advertisement on ahother page and write the different consignors for catalogue.

An important sale of Shorthorn cattle from a Western man's standpoint is that to be made by Coupe Bros., at Falls City, Neb., on March 7. This sale of more than fifty Shorthorns marks the dispersion of one of Nebraska's good business herds of registered beef-making cattle. Coupe Bros. established their breeding business in 1890, and they say that the cattle have made them money ever since its foundation. They are issuing a catalogue showing fifty-five head of cattle for this sale, ten of these being bulls. The 4-year-old Cruickshank-Lovely bull, Scottish Model, by the well-known sire, Courtler 2d, at head of the Clay herd at Plattsburg, Mo., is included, and with one exception the young bulls are all his get. The dam of Scottish Model is Lovely Maid by Baron Knight 114357, 2d dam Lovely 27th by Golden Prince, 3d dam Lovely 27th by Golden Prince, 3d dam Lovely 27th by Golden Prince, 3d dam Lovely 28th, Lovely Maid was the bargain price of \$300. It was one of her young bulls that sold to T. J. Cummings, Howe, Neb., for \$150, and, that, following a term of efficient service, resold in his sale this winter for \$250. Scottish Model is a red bull of about 2,200 pounds, low-dow, straight, evenly balanced, a good doer, and a sure breeder of a good type of calves. There are eight of his heifers of breeding age in this sale, and all are bred to McClennan's Prince is also in the sale, and he will be a good bull to buy. He will be 2 years old in May. The oldest buil in sale got by Scottish Model is commander, coming 2 years old in June. He is out of Necklace 14th, a good cow also in sale. Commander is the very picture of his sire, and the other young fellows are sure to develop satished very picture of his sire, and the other young fellows are sure to develop satished to let them go until sale day. They will be ready for good service in the spring. Coupe Bros, says they have always head a most satisfactory trade in young bu

The Houng Folks.

Conducted by Ruth Cowgill.

WHERE THE CHILDREN USED TO PLAY.

The old farm-home is mother's yet, and

mine
And filled with plenty and to spare,
But we are lonely here in life's decline,
Though fortune smiles around us everywhere.
We look across the gold
Of the harvests, as of old—
The corn, the fragrant clover, and the

hay,
But most we turn our gaze,
As with eyes of other days,
To the orchard where the children used
to play.

Oh, from life's full measure And rich hoard of worldly treas-

we often turn our weary eyes away,
And hand in hand we wander
Down the old path winding yonder
To the orchard where the children used to play.

Our sloping pasture-lands are filled with herds, The barn and granary-bins are bulging o'er;

o'er;
The grove's a paradise of singing birds,
The woodland brooks leap laughing by
the door;
Yet lonely, lonely still,
Let us prosper as we will,
Our old hearts seem so empty every way.
We can only through a mist
See the faces we have kissed,
In the orchard where the children used to
play.

—James Whitcomb Riley. -James Whitcomb Riley.

Washington as a Matchmaker.

We are all familiar with George Washington, as the model boy who would not tell a lie, as the great general, and the first president; but in these capacities, he is to us almost a mythical character, being, as we say, "almost too good to be true." It is only when we read of him at home, among people whom he loved, that we lose the impression of unreality, and he becomes to us a man of flesh and blood.

Martha Custis, whom he married, had two small grandchildren, Nellie and George Custis. On the early death of their father, George Washington adopted them and brought them up with all the affection and care of a father.

When he retired to Mount Vernon, to end in peace and tranquility an eventful and war-filled life, Nelly had eventiul and war-filled life, Nelly had grown to be a charming young lady, the especial pet of her grandmother. Finding the duties of hospitality too heavy for him at his age, he wrote to his nephew, Lawrence Lewis, asking him to make his home at Mount Vernon, in order to relieve him of the hurnon, in order to relieve him of the burdens of entertaining. Lawrence had already met Nelly Custis and was not insensible to her charms which doubtless increased his readiness to serve his uncle.

Miss Nelly, it seems, was of a gay and sprightly disposition, who got a great deal of pleasure out of life, and loved to do as she pleased. When her grandfather saw poor Lawrence's sad plight, because of her charms, he espoused his cause. But, as usual, there was another suitor in the case, a highborn youth of Virginia, just returned from foreign travel, and with grace and the charm of unfamiliarity, a somewhat formidable rival to Lawrence.

General Washington was uneasy lest the attention and admiration his lovely ward attracted might lead her into unhappiness, but she said she felt a ' fect apathy toward the youth of the present day, and a determination never to give herself a moment's uneasiness on account of any of them.'

Miss Nelly loved to take long walks alone by moonlight through the beautiful grounds of Mount Vernon, to which her grandmother very naturally obj ed, as both unsafe and indiscreet. She told of it afterward. "I was young and romantic then, and fond of wandering alone by moonlight in the woods of Mount Vernon. Grandmamma thought it wrong and unsafe, and scolded and coaxed me into a promise that I would not wander in the wood unaccompa-nied! But I was missing one evening, and was brought home from the interdicted woods to the drawing-room, where the general was walking up and down with his hands behind him, as was his wont. Grandmamma, seated in her great arm-chair, opened a se-vere reproof." Nelly received meekly the chiding she deserved, admitting that she had done wrong, but proudly offering no excuse. As she turned to leave the room she heard the general whisper to his wife, "My dear, I would say no more—perhaps she was not

Instead of touching Miss Nelly's

heart by his kindliness, this well-meant intercession, which, however, implied deceit on her part, aroused her indignation. She returned into the room with firm step and marched up to the great general. "Sir," she said, "you brought me up to speak the truth, and when I told grandmamma I was alone,

I hope you believed I was alone."

It is in little things that one betrays
the stuff of which he is made, and I am glad that it is recorded of Washington that he took this rebuke like the truly great-hearted man he was. "My truly great-hearted man he was. child," he said, with his courtly

child," he said, with his courtly bow,
"I beg your pardon."

When pretty Miss Nelly was about to
go to her first ball, Washington wrote
her a letter touching upon the attention of the young men whom she would meet. He seems to have had no more faith in her protest that she "cared nothing for young men," than in this

day such remarks receive.
"Men and women," said Washington, "feel the same inclination towards each other now that they always have done, and which they will continue to do, until there is a new order of things; and you, as others have done, may find that the passions of your sex are easier raised than allayed. Do not, therefore, boast too soon, nor too strongly, of your insensibility. . . Love is said to be an involuntary passion, and it is, therefore, contended that it can not be resisted. This is true in part only, for like all things else, when nourished and supplied plentifully with aliment, it is rapid in its progress; but let that be withdrawn, and it may be stifled in its birth, or much stunted in its growth. . . Although we can not avoid first impressions, we may assuredly place them under guard. When the fire is beginning to kindle, and your heart growing warm, propound these questions to it: Who is this invader? Have I a competent knowledge of him? Is he a man of good character? A man of sense? For, be assured, a sensible woman can not be happy with a fool. What has been his walk in life? . . Is his fortune sufficient to maintain me in the manner I have been accustomed to live, and as my sisters do live? And is he one to whom my friends can have no reasonable objection? If all these interrogations can be satisfactorily answered, there will remain but one more to be asked; that, however, is an important one. Have I sufficient ground to conclude that his affections are engaged by me? Without this the heart of susceptibility will struggle against a passion that is not reciprocated."

Thus sagely speaks the great general and statesman on a subject one would think far outside his consideration. We hope Miss Nelly profited by his wise advice. At any rate, she finally married to suit him, and became the happy wife of his nephew, the wedding taking place on his birthday, February 22, 1799. "And they lived happily ever afterwards," at least we hope they did.

Some of Washington's Boyish Rules of Etiquette.

In all the records of Washington, there is little that is funny. A grave and stately dignity pervades his life. I have seen something, though, that ems to me just as comical as anything can be. It is a set of rules writ-ten by him when he was a boy ten years old. He seems to have thought a good deal for a boy of his size, of the appearance of things. Perhaps among his acquaintances he had seen some gross breaches of good breeding, which so aroused his disgust that he felt he must write down some regulations for his own conduct, lest he, too, be an offense to some one. A few of them are given below as a curiosity, and, though most well-bred boys of to-day would not think of writing many of them out, considering them so much a tor all that they course, vet are by no means poor rules to follow:

"Do not Puff up the cheeks, Loll out the tonge, rub the hands or beard thrust out the lips or bite them or keep the lips too long open or Close.

Shake not the head Feet or legs rowl not the Eyes, life not one eyebrow higher than the other wry not the mouth and bedew no man's face with your spittle by approaching him while you speak.

Put not off your cloths in the presence of Others nor go out of your chamber half drest.

SHIFT not yourself in the sight of others nor Gnaw your nails. KEEP your Nails clean and short, also your Hands and Teeth clean, without showing any great concern for

WHEN you Sit down Keep your feet firm and Even without putting them one on the other or crosing them.

IF YOU Cough Sneeze or yawn do it

not Loud but; privately and Speak not in your Yawning, but put Your hand-

STRENGTH Twenty-five years ago in acquainting Jewelers with the strength of the Jas. Boss Stiffened Gold Watch Cases, an enterprising salesman used the method here shown.

Jas. Boss Cases are still the strongest cases made. As good as solid gold in appearance. Better than gold in wearing quality. Less than solid gold in cost. In a

JAS. BOSS Stiffened Watch Case

there is a layer of very hard composition between an inside and outside layer of solid gold reducing the cost of the case, and adding greatly to its strength.

BOSS Cases are guaranteed to wear for 25 years; are recognized as the standard, and sold as such by all jewelers. Write us for a booklet,

The Keystone Watch Case Company, Philadelphia.

By This Mark 707 You Know Them

kerchief before your face and turn

Spit not in the Firee not Stoop low before it neither Put your hands into the Flame to warm them nor set feet upon the Fire especially if there be meat before it.

At Play or at fire it is good manners to give place to the last-comer, and affact not to speak louder than ordin-

WEAR not your Cloths foul unript or Dusty but See they be Brush't once every day at least and take heed that you approach not to any uncleanness.

In your apparel be modest and en-deavor to accommodate Nature rather than procure Admiration Keep to the Fashion of your equals Such as are Civil and orderly with respect to Times and Places.

BEING at meat scratch nor neither Spit cough nor blow your nose except

there be a necessity for it.

TAKE no Salt nor cut Bread with

your knife greasy. If you soak Bread in the Sauce let it

be no more than what you put in your Mouth at a time, and blow not your Breath at Table but stay till (it) Cools

Put not your meat in your Mouth with your knife in your Hand neither Spit forth the Stones of any fruit put upon a Dish nor cast anything under the Table.

Put not an other bit into your Mouth til the former be swallowed let not the Morsels be too big for the jowls.

Cleanse not your teeth with the Table Cloth, Napkin, fork or knife, but if Others do it let it be done with a pick

"Rinse not your Mouth in the Presence of others.

Puzzle Corner

Old Riddles Retold.

- 1. Why is a caterpillar like a pancake?
- 2. What colors can a blind-man feel?
- 3. I saw you where you never were, And where you could not be, And yet within that very place Your face I often see.

TONGUE TWISTER.

- 4. Say this as rapidly as you can: Shoes and sox shock Susan.
- 5. To behead a word is to take off the first letter. Behead a guarantee and leave a shelf-like ridge; behead again, and leave the sharp part of a
- 6. My first is a letter near the end of the alphabet; my second is several of that letter which comes seventeenth from the beginning.
- To square a word is to arrange it with others so that they will read the same horizontally and vertically. Thus, to square the word circle:

circle rarest

create lustre

leon Bonaparte.

esteem Square the word maid. The answers will be given in next

Posterity will talk of Washington with reverence as the founder of a great empire, when my name shall be lost in the vortex of revolution.—Napo-

For the Little Ones

A SCHOOLBOY TO GEORGE WASH-INGTON.

- O. Washington, George Washington,
 When you were a boy like me,
 I wonder if your teacher knew
 What sort of a man you'd be!
 My teacher says boys she can trust
 Can be trusted when they're men,
 But boys who cheat and do mean things
 Will probably do so then,
- I guess you tried most every day
 To do your very best.
 And all the while that you were good,
 You were helping all the rest.
 I don't believe the little ones
 Ever said, "George made me cry!"
 My teacher thinks the bravest boys
 Are kindest; and so do I.
 Mary E. Plummer,

A Lie.

Once there was a little boy whose name was Ralph. He was usually a good boy, but one day he told a lie. The day on which he did this was the 22d day of February, and this is how it happened: He wanted to go with his father to town that morning. His mother said, "Yes; you can go, Ralph, if you have fed the chickens."

"Oh, yes," said Ralph. "I have fed the chickens."

But he had not! It was the first time he had ever told an untruth, and he felt unhappy about it all the morning, and just as soon as he came home, he went straight up to his mother, and his face was red and he was so ashamed he wanted to run away— and he said, "Mama, I didn't feed the chickens. I told a lie about it."

You may know how sorry his mother looked when she heard that! She took her little boy by the hand, and led him into the other room where it was all quiet, and then she began to

tell him a true story.
"Once," said his mother, "a great

many years ago, there was a little boy who had a new hachet. He wanted to try it to find how sharp it was, so he went out to his father's young orchard, where there was a nice little apple-tree, and what did he do but chop down that tree with his hatchet! He did not think how sad his father would feel to lose his tree, but when his father called him to him sternly, and said, 'George, do you know who chopped down my little apple-tree?' then he felt that he had done very wrongly, indeed. But he was a brave boy who was not afraid

to speak the truth.
"'Yes, father,' said George, 'I can
not tell a lie—I cut down your apple-

"His father said, 'I would rather lose a hundred apple-trees than that my boy should tell a lie.' So, of course, George was glad he had told the truth, though it was so hard.

"That boy grew up to be a great and good man-first in war, first in peace, and first in the hearts of his countrymen—and to-day, the 22d of February, is his birthday. Who was that boy, Ralph?

Ralph knew, quick as a wink. "George Washington," he said. "And I wish I hadn't told a lie."

The immortal Washington could "mingle a rebuke with an apology" very skilfully as the following incident will show.

At dinner-parties, according to the story, Washington allowed five minutes for the variation of time pieces, and then, when tardy members of Congress appeared after the dinner was begun, his sarcastic apology was: "Gentlemen, we are too punctual for you!" or, "Gentlemen, I have a cook who never asks whether the company has come, but whether the hour has come!'

The Some Circle.

Conducted by Ruth Cowgill.

ODE FOR WASHINGTON'S BIRTH-DAY.

Welcome to the day returning,
Dearer still as ages flow.
While the torch of faith is burning,
Long as Freedom's altars glow.
See the hero that it gave us
Slumbering on a mother's breast;
For the arm he stretched to save us,
Be its morn forever blest!

Hear the tale of youthful glory,
While of Britain's rescued band.
Friend and foe repeat the story,
Spread his fame o'er sea and land;
Where the red cross, proudly streaming,
Flaps above the frgate's deck,
Where the golden lilles gleaming
Star the watchtowers of Quebec.

Look! the shadow on the dial
Marks the hem of deadlier strife;
Days of terror, years of trial
Scourge a ration into life.
Lo, the youth became the leader!
All her baffled tyrants yie.d!
Through his arm the Lord has freed her;
Crown him on the tented field.

Vain is empire's mad temptation;
Not for him an earthly crown;
He whose sword has freed a nation
Strikes the offered scepter down.
See the throneless conquerer seated,
Ruler of a people's choice;
See the patriot's task completed;
Hear the father's dying voice.

By the name that you inherit,
By the sufferings you recall,
Cherish the fraternal spirit;
Love your country first of all;
Listen not to idle questions,
If its bands may be untled;
Doubt the patriot whose suggestions
Whisper that its props may slide.

Father! we whose ears have tingled With the words of doubt and shame, We, whose sires their blood have mingled In the battle's thunder flame. Gathering, while this holy morning Lights the land from sea to sea. Hear thy counsel, heed thy warning:

Trust us while we honor thee.

—Oliver Wendell Holmes.

Possibilities of the Country Home.

In a recent number of Home and Flowers, is an article entitled "The Possibilities of a Country Home," which contains much that is suggestive. Though the rural telephones are not so well distributed throughout Kansas as they are in some of our sister States, and though we have but one interurban trolley line—which runs between Leavenworth and Kansas City yet we see the day not far distant when these luxuries of the country will be widespread, and our farmers will be deprived of their one great and con-

stant complaint, isolation.

The average country home is not what it will be when social changes now going on are perfected, says the writer. In the first place the house will not be planted close by the street, to catch the dust and get the rattle of passing teams. This was a device when farm life was isolated, to reduce isolation to as low a degree as possible. The rural dweller found some society in living as near the public drive as he could set his house—and where he could see his neighbors drive by. Every stranger was a god-send to break monotony. This sense of isolation is rapidly passing away, since any farmer can talk with his neighbors for miles around. The trolley is rapidly spreading its tracks to the remoter hamlets, and making intercommunication as easy as in the city. The country house will now naturally find its location farther from the street, and where the occupants will be in the pleasantest, completest contact with nature. It will naturally be built on a rise of ground commanding the landscape; so that the occupant can practically own the val-leys and hills far beyond his legal limits. As Emerson says:

One harvest from your field Homeward fro ght your oxen strong, But another erop your acres yield Which I gather in a song.

* Having given this general view of our coming blessings, the writer makes some very wise and sensible suggestions as to the house itself. He has some ideas which are well worthy of

consideration. Says he:
The country house will not be a copy of the city house, but will have an idiosyncrasy of its own. The city ideal is the worst possible ideal for the country. The limitations of the city house require a certain number of restrictions; and these are compensated for by having a few conventional ornaments. There is not the least reason in the world for adopting this type in the country. The first conception of a house in a large field ought to be roominess—nothing pinched or contracted. Little bits of verandas mean nothing; so with balconies and observatories that are too small for use. The countryman needs a house not to live in, but to go into in bad weather. In good weather he should live

out-of-doors; and practically sleep outof-doors. His verandas should run mostly around the whole building; and be amply large and full of welcome. The lawns should be as generous as the house and full of great trees. A tree is the badge of the country, in the city it always has a borrowed look. A city house has modern conveniences—the country house should have the ancient conveniences—sunshine, light, good air, quiet, peace, play. So there should be nothing too conventional to be made familiar. A chair should not look out of place almost anywhere; and a sewing machine should have as cozy nooks the old-fashioned spinning-wheels occupied. But a country house should always be somebody's—as if it grew out of the needs and individuality of sombody. A city house is almost always the creation of an architent; not the growth of the soul. It is for rentfifty families move in and move outnobody owns it except to make use or
money out of it. The country house is
another thing; it is, or ought to be, the
outermost self of a human being—the expression of the life of the family.

The country home should not only be beautiful, but there is absolutely no reason why it should not be strictly sanitary. Here should dwell health. This requires among other things a cellar removed from the house; a driv-en well with water coming out of the rocks; a cesspool with perfect drain-age; and, if possible, oldfashioned fireplaces. These are not costly luxuries, but simple necessities. Most of the sickness in country homes is from bad drainage, bad cellars, bad water, and bad ventilation. Doctors' bills will more than cover all the comforts of life and the cost of securing most of the luxuries.

Taking this in connection with the articles read at the annual meeting of the State Horticultural Society, which we published some time ago, on the "House Beautiful," we should have a very comprehensive and also practical plan for an ideal home in the country.

A Child's Inheritance.

It is interesting, and hopeful, as well, to note that men are beginning to feel an interest in what was once left to the mother's care; namely, the rearing and care of children. Some one has remarked that the universal motherhood of woman began with the birth of Christ, but the universal fatherhood of man is just developing. Women love children, as children, no matter how unattractive they may appear. An ap-peal from anybody's child has always found instant response in a waman's heart, and she will soothe and "moth-er" any little heart-broken, dirty, piece of humanity. So it has ever been with women. But men are different. They have generally loved their own chil-dren—though sometimes the child never found it out-but other people's 'brats" have been a nuisance, and a squalling baby was simply an outrage. But now a new characteristic is growing up in men's hearts, a strong, tender, chivalric care and thought for the little ones. Or perhaps it is not a new characteristic, but an old one given a new direction; they require—not less devotion—but less of that chivalry which used to be wasted in tourna-ments and duels, for the favor of a woman has taken a nobler trend, and devotes itself to preserving the happiness and innocence of childhood.

Dr. Frank Strong, chancellor of the University of Kansas, gave an address at one of the meetings of the State Temperance Union, the title of which was, "The Child and His Inheritance." He outlined the kinds of inheritance which every child has a right to expect, devoting most of his attention to the

J. W. Doesn't Scare Folks to be told the truth about on Coffee

The scare-crow coffees are those that hide under a glazing of factory eggs, glue and such stuff.

Lion Coffee is pure, wholesome, unglazed, rich in flavor and uniform in strength. The air-tight, sealed package insures cleanliness, freshness and uniformity.



one which bore a relation to the occasion on which he spoke. A brief resume of his speech may be interesting. "The child," said Dr. Strong, "has a right to a good heritage of ancestry, and environment. The coming nation is to be made up of the children of to-day, and upon their rearing depends the safety of our commonwealth. It is in the time of infancy that the stamp is set upon the child, whether he shall be a true man or a criminal. In childhood he is largely at the mercy of his environment, and what surroundings he has then, determines what shall be

he has then, determines what shall be the outcome of his life.

"Nature," said the speaker, "is the first requisite to the environment to which every child has a right. Out in the open air, with eyes wisely directed, the child will learn what he will never forget of God's world and its laws, and what in later years he would have to study laboriously and erringly from books.

"The child has a right to inherit a good home—a father and mother of intelligence and righteousness, whose thoughtful care will teach him the way of life and prepare his young feet for the pitfalls that will lurk in their way, and arm his young hands with weapons for future battles.

"Beauty, also, should help to fill out the environment of every child. In our wide, free Kansas there is always some beauty at the service of our children. Though the house be plain and una-dorned without, in the mid-day sky, in the setting sun, in the evening stars, in the far-stretching prairies, among the birds and beasts and wild flowers there is beauty, beauty for everyone. And yet within the homes there should be something of loveliness, lest the children care not to abide there and be drawn to other and, perhaps, less safe retreats. The religious element is an essential part of the child's in-heritance. The lesson taught him by a godly father and mother will never quite leave his soul, and they will be a safeguard many a time when father and mother are gone and there seems no one to care what becomes of "some-body's boy.'"

These were the few and simple elements which Doctor Strong insisted upon as the right of every child born into the world, elements within the reach of every parent to provide for his child, powerful for good, yet many of

them so often sadly lacking to the consciousness of childhood.

Our President, in whose sturdy, wholesome commonsense we delight, has given incidentally some good advice to parents: "Parents should be neither too strict, nor too indulgent," said he, "for in the first place the children grow up sullen, and in the second they often become an offense to themselves and a curse to others. Moreover" -and this is a characteristic sentence, and, therefore, a noteworthy one—"all children should have as good a time as they possibly can."

> Our Weekly Recipes. HOME-MADE CANDIES.

Fudge.-Two cups sugar, one cup milk, butter size of a walnut, two squares of chocolate, teaspoonful of molasses. Boil until it balls in a glass of cold water. Then beat until it be-

gins to harden: turn out into buttered pans, and cut into squares.

Fondant.—One cup of sugar, a pinch of cream of tartar, and enough water to cover. Boil until it ropes, then pour into a platter and set aside for a few moments to cool. When it is solid it will leave a dent, then beat this vigorously with a spoon, until it is white and creamy, when it must be kneaded. This makes the foundation for delicious candies, which may be varied in innumerable ways. If so wished, this fondant can be put into a jar and covered with

can be put into a jar and covered with a damp cloth and set aside for several days before being made use of.
Chocolate Creams.—Make the fondant into little balls, and dip them into melted chocolate, by means of a hatpin,

melted chocolate, by means of a hatpin, and set aside to cool and dry.

Stuffed Dates.—Take the seeds from dates, put in their place a small roll of the fondant and roll in sugar.

Nut Loaf.—Chop any kind of nuts fine, mix them thoroughly into the fondant, roll out rather thin, and cut in little squares little squares.

These few variaions will suggest an immense number of others, and with different flavorings and colorings you can have as dainty a box of bonbons as any one could wish.

Peppermint Drops.—Half as much water as sugar. Boil until it balls in cold water. Take off the stove, flavor with essence of pepperment. Beat until it begins to whiten, and drop upon buttered paper, so as to make little flat wafers.

Nut Candy.—Make as above, without the peppermint, and pour over chopped nut-meats when it begins to whiten.

FOR OVER SIXTY YEARS
An old and Well-Tried Remedy. Mrs. Winslow's Soothi g Syrup has been used for over sixty Years by Millions of Mothers for their Children while Treathing, with Perfect Success. It soothes the Child, softens the funs, allays all Pain; or res Wind Colle, and is the best remedy for Diarrhoes. Sold by drugists in every part of the world. Be sure and ask for Mrs. Winslow's Soothing Syrup and take no other kind.

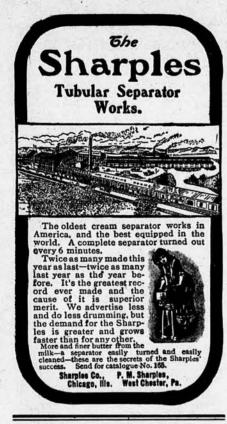
Twenty-Five Cents a Bettle.



WATER WANT

and you want BUSINESS! Buy one of our latest and best Well Drilling Outfits and you will get both. Our machines are money makers. Address

LOOMIS MACHINE CO., Tiffin, Ohio.



In the Dairy.

Conducted by Ed. H. Webster, Professor of Dairy Husbandry, Kansas Experiment Station, Manhattan. Kans., to whom all cerrespondence with this department should be addressed.

A Problem in Arithmetic.

The following letter suggests a prob-

"January 30, 1903.

"Dear Sir:—The skimming station at —— will likely stop skimming tomorrow on account of so many of its large patrons buying hand separators. I think the hand separators are altogether too high—cost too much—especially for the small farmer. They want \$50 for a separator that will separate 200 pounds per hour and \$100 for a 500-pound machine. Is there anything on the market that will do the work for less money? We paid 5 cents per 100 pounds to have our milk skimmed. Will a hand separator pay better? Please let me hear from you at once, and oblige,

Yours truly,

There are plenty of dairymen figuring on this same question. At 5 cents per hundred for skimming 3.8 per cent milk it cost 1.3 cents per pound butterfat.

Different compannies adopt differet methods of paying for cream. Perhaps the greater number of users of hand separators get 2½ cents under New York quotations for their butter-fat on track. Others get practically the same price based in some other way. Some companies charge 1 cent per pound for handling hand separator cream. If our inquirer can get the same price per pound of butter-fat on track at his express station as he got for his milk and save this 1.3 cents per pound, he would save on one cow giving 250 pounds butter-fat in a year \$3.25, or on ten cows he would want a \$100 machine. This would be \$32.50 on the investment in one year.

There is another point to this question not mentioned by the writer. It costs the farmers of Kansas an average of 12½ cents per hundred to get their milk to market, or the station. On 3.8 per cent milk this is 3.3 cents per pound butter-fat. A cow giving 250 pounds butter-fat in one year would pay \$8.25 for hauling that milk to the station. On ten cows the amount would be \$82.50; add this to the \$32.50 and we have a grand total on \$115 as the cost of hiring the milk hauled to town and paying some one for skimming it. The separator costs \$100, or the total cost paid back and \$15 for the children to spend in the way that makes the young heart glad.

The next year this will be repeated and again pay 115 per cent on the investment, and so on for several years. Better than stock in an oil well. This whole calculation, however, demands some extra work of the farmer. He must turn the separator from twenty to thirty minutes twice a day, or better still, buy a small calf-power and put some of the calves to doing this for him. He must hitch up the top-buggy and send one of the small children to the station with the cream as often as a ten-gallon can is full. Maybe he hasn't the children; well, he sught to have.

Our present system—or rather the one that is doomed to die—of hauling our milk five to ten miles to town and the skim-milk home again is too expensive. Nothing else on the farm would for a minute be allowed a tax of one-third to one-sixth of its entire worth to get it to market.

Another point is, the quality of the skim-milk; and this can be safely calculated to be worth from 15 cents to 20 cents per hundred if kept in good shape. It is never in so fine shape for feeding as when it comes direct from the hand separator. Too often the skim-milk taken home from the creamery is unfit for feeding before it gets back to the farm.

Taking it all in all, the farmer with more than four cows can not afford to be without a hand separator. He must, however, be willing to learn how to deliver good cream or the advantages he is now gaining in increased profits may be lost, for the creamerymen will not always pay first-class prices for second-class cream any more than the elevatorman will pay No. 1 prices for No. 2 wheat.

Answer to "Farmer."

To "Farmer" who wanted advice in dairy breeds I will say, I have had considerable experience covering several years, and like most of farmers' wives, have kept up table and clothing expenses from the dairy profits. A pure-bred Jersey is a thing of profit and beauty, but cross-breds are disappointing, and the calves are very un-salable. Many Shorthorns are good milkers, giving rich milk, but the cow giving us best satisfaction is the Holstein. A cross with Shorthorn results in fine calves, the heifers make fine milkers and the steers are in demand. A cross with Polled Angus makes fine calves and the heifers are very nice, but not so good milkers as the Short-horn crosses. We have never had any norn crosses. We have never had any trouble in selling the calves or older cattle. A dairy of Holsteins, or grades, will pay a handsome profit over their feed, which can not be said of many other cattle, and I think "Farmer" will find the Holsteins ahead or not receipts at the world's fair on net receipts at the world's fair trial. If farmers would go into the trial. If farmers would go into the dairy business in earnest, and not try to dairy with beef-breeds, their profits would be such that they would not say "it don't pay." If they would go into it with as much energy as the breeders of those lovely Anguses and Palefaces at the Kansas City Exposition, they would make a grand success. I looked in wonder on those little beauties whose mothers did not have an udder large enough to feed the deathlest Iere. large enough to feed the daintiest Jersey. I was told many of them had nurse-cows, and I thought I wanted a cow that could raise her own offspring. My dairy cows can raise three or four. LUCILE OF KANSAS.

Oskaloosa, Jefferson County.

The Fable of the Red Cow and the Fierce Man.

There was once an old Red Cow, with a long neck and twisted horns, who was noted for the great quantities of milk she gave. There was also a freckle-faced, long-legged boy who milked the cow, and who was noted for his kind treatment of her. One day this boy left the farm and went on a visit to the city, and a hired man, with a loud voice and a big foot, came to milk the cow. She noted him for the kind treatment he did not give her. If she switched her tail or moved her foot or shook her ears he punched her in the side or jumped up and kicked her, yelling at her so fiercely the calves thought him insane.

She stood this as best she could for

She stood this as best she could for several days; but she could not help longing for the good old times when she was petted and praised instead of kicked and cursed. At last one evening she lost her temper completely. She gave the milkman a cut across the face with her tail and slammed her foot into the pail. He jumped up off the stool and wiped the milk out of his eyes so he could see how to kick her properly; but she kicked first. She took him on the shin, and he doubled up and roared. Then she stepped on his toe with the corn on it, and while he was trying to beat her off, suddenly gave him a side lick on the other knee. He hobbled away to the house, but she was not yet satisfied.

but she was not yet satisfied.

Next morning he hung his coat on the fence, and she saw it and chewed it into pulp. He ran at her, leaving the gate open as he did so, and she dashed out of it and down the road, at a 2.30 gait, while he ran after her, saying all manner of evil about cows generally. By the time he got her back he was not able to kick her.

Next day the freckle-faced boy came home, and they were both happy, and all was well once more. Still, the cow

and the hired man never became friends.

Moral.—If you are going to kick be quick about it. E. E. MILLER.
Hamblen County, Tenn.

Care of Skim-Milk.

In the creamery the care of skimmilk by the farmers is of prime importance to the creamery manager. It is all very well for the patrons to say that it is not the creamery manager's business to tell them how they should handle their skim-milk, but it is nevertheless his business to a very considerable extent. The manner of handling skim-milk will directly effect the quality of the sweet and whole milk delivered to the creamery. This may be put down as a constant principle. When 100 patrons haul home skim-milk in their cans some of them are morally certain to leave it in the cans for hours, and to imperfectly wash out the can after the skim-milk is removed. Unless this skim-milk is pasteurized, it will be developing bacteria during this time of waiting. If the cans are allowed to contain skim-milk ten or twelve hours, bacteria will be multiplied by the millions. The can will be washed out, but perhaps indifferently, and will then be used to convey the new milk. On the way to the creamery this new milk win be given a "starter" from the seams of the cans where the sour, bitter, or putrid milk bacteria have lodged. If out of 100 patrons, only two or three farmers thus handle their milk, the damage is yet great. The milk of all is contam-inated by the milk of the few careless ones. The bad flavors ripen in the cream and the flavor of the butter

So it is the business of the creamery manager to see that the skim-milk is properly taken care of. Some have suggested that at every creamery where whole milk is received, there

DE LAVAL GREAM SEPARATORS

For twenty years the World's Standard
Send for free catalogue.
The De Laval Separator Co., 74 Cortlandt St., N.Y.

should be an arrangement for feeding the skim-milk to swine instead of sending it back to the farm. This is done in some places and that quite successfully. It eliminates one factor of milk contamination.—The Farmers' Review.





A CAR-LOAD IN TEN DAYS.

We know of no better evidence of the Empire machine than the fact that we sold a car-load in ten days in January to people who had seen them work.

200 NEW SHIPPERS IN 30 DAYS.

We know of no better answer as to what people think of our system than to tell you 200 new shippers commenced in January. All of these from localities where we had shippers and whose statements they had seen. Write us for any information, and commence doing business right.

Blus Valley Creamery Company. St. Joseph, Mo

Ploneers of the Farm Separator System.





600D m SEEDS None so low in price. Largest illustrated seed catalogue ever printed, FREE. Engraving of every variety. Price only 1 cent per pkg, and up. A lot of extra packages, rare sorts, presented FREE with every order. Send name and address by card or letter. R. H. SHUMWAY, Rockford, Illinois.

TARK best by Test - 78 YEARS. We PAY CASH WANT MORE SALESMEN PAY Weekly Stark Nursery, Louisiana, Mo.; Huntsville, Ala.

PEACH TREES General assortment, \$2 to \$3 per 100.

Circular free. R. F. Johnston, Bx 17, Stock ley, Del

BARGAINS IN SEEDS Mellod FREE if you mention this paper.

Fruit Trees 17 Peach, \$1.00.
50 Concord, \$1.00.
1000 Mulberry, \$1.00
1000 Mulberry, \$1.00
1000 Mulberry, \$1.00
1000 Mulberry, \$1.00
1000 Prejaid on \$10.00 orders. General catalogue free.
1000 General Catalogue free.

Borman Hursones de Les des Les de Les Trees That Grow Man Pay the state of Card Sonderegger, Proc.

will return many fold if you invest it in one of our - Three Fruit Options --20 Budded Peach Trees, 25 Crafted Apples or 80 Cenoord Crapes, either one for the dollar. Only clean, well rooted, vigorous stock in Trees, Shrubs and Vines. English or German catalog and 25 c due bill sent Free. We pay freight on \$10.00 orders. FAIRBURY NURSERIES, Box L, FAIRBURY, NEB.

to 25 bushels per acre more than common . It ripens and gets out of danger of frost, too, also more Seed Cornthan any other firm on the .: We guarantee prices lower and quality high. u want perfection in corn, we have it. When buying you might as well get the best. We've got it. If you want to make corn crop and farming a success, **Our Seed Corn Wins**

Send for our
Catalogue Manual.
There are thousands
in ttfor you. 10 sample
packets of Corn and Grain
and our illustrated Catalog
Manual sent on receipt of
this advertisement or for
mentioning this paper and
4c in stamps for postage.
Catalog Free for Asking.
Be friendly. Write us.

A. A. BERRY A. A. BERRY Seed Company, Clarinda, lowa.

At Right Prices.

Buy where health and vigor must result from right care and conditions. For this spring's planting our great nurseries show a most excellent stock of well branched, well rooted fruit and shade trees at prices which are revolutionary.

EXAMINE THIS LIST: Each Per 10 Per 100 2 to 3 feet 17 1.50

Grapes—Concord. Per 12

2 year, select ... 8.07 8.65 \$4.00

1 year, heavy ... 5 .50 3.00

1 year, splendid ... 6 40 2.00

Ash. Per 100 Per 1000 Black Locust.

Small fruits at similar prices. Illustrated catalogue mailed free on request. Freight paid by us on all orders of \$10.00 or more east to the ocean and west to the mountains. On \$20.00 lots freight paid anywhere in the United States.

GALBRAITH NURSERIES, Box 32 Fairbury, Neb.

Borticulture.

The Oklahoma Horticulturists.

During the week of the cattlemen's convention at Oklahoma City was held the 10th annual meeting of the Territorial Horticultural Society. This session was characterized by a goodly attendance and an excellent program which it is not possible to fairly research without at least a few of the parameters. port without at least a few of the papers there presented. We are glad to learn, however, that efforts made along horticultural lines in the territory have proved themselves so successful that the association is growtory have proved themselves so successful that the association is growing in numbers and interest. It is possible that the average Easterner thinks of their great territory only as a cattle country and he is right; but it is much more. The officers elected for the ensuing year were as follows: President, J. A. Taylor, Wynnewood, I. T.; vice-presidents, J. A. Lopeman, Enid; A. S. Perry, Yukon; James Parker, Yukon; C. A. McNabb, Oklahoma City; Jas. W. Stephens, Yale; and J. W. Preston, Kingfisher; secretary, J. B. Thoburn, Oklahoma City; treasurer, R. Kleiner, Wheatland.

Interesting talks were given by Fred

Interesting talks were given by Fred Wenner, of Kingfisher, commissioner to the World's Fair, in regard to an exhibit from the two territories, and by L. C. Hill, industrial agent of the Santa Fe, in regard to fruit-growers' shipping associations and methods. President Taylor, immediately after the adjourning of the sessions, took the train for Fayetteville, Ark., to attend the State horticulaural meeting of that

Rathburn Blackberry.

EDITOR KANSAS FARMER: -As a matter of information, please give a description of the Rathburn blackberry, as to its hardiness in withtanding cold and drouth. Is it prolific, and what is the quality of the fruit? Is it superior to other varieties, or is it simply a "tree agents fad?" Also, where can we get the plants?

BENJAMIN NICHOLSON. Argonia, Sumner County.

Replying to the inquiry about the Rathburn blackberry, would say that it has established a good reputation in the locality where it originated. It is superior in size. A quart box of Snyder required 164 berries, while a quart of Rathburn counted out 45 berries. The fruit of Rathburn has no hard core like the Snyder and some other sorts. The bush is a strong, erect grower, producing few suckers. It sends out a main stem which branches freely. These branches curve over and bend downward till the tips touch the ground; then the tips take root and propagate themselves like a Blackcap propagate themselves like a Biackcap raspherry. But it has no evidence of the least bit of dewberry blood in it. It is imply a blackberry with a tiprooting habit. It will stand a temperature of from 12° to 15° below zero, but times of heat and drouth like 1901 are a severe ordeal to the Bathburn are a severe ordeal to the Rathburn blackberry. B. F. SMITH. blackberry. Lawrence, Douglas County.

Treatment of Strawberry Beds.

EDITOR KANSAS FARMER:-To the inquiry about the treatment of matted beds of strawberries, would say: Since Mr. Hall has permitted his berry-patch to become matted all over the ground, I would advise that he stretch a line about as near where the first row was set as possible; then a line where the second row was planted. If his rows were three and a half or four feet apart, he can cut out a space between the rows two or two and a half feet wide, leaving each row of plants from sixteen to twenty inches wide. The spaces between the rows should be covered with old hay or clean wheat straw to keep the berries from being soiled in rain

If Mr. Hall had trained the runners lengthwise of the rows last year during cultivation, he might have saved the work of cutting out spaces between

The setting of runners was more abundant the past year than any year in the past twenty; and it required continued watchfulness to keep spaces between rows open. B. F. SMITH. between rows open. Lawrence, Kans.

Best Kinds of Pear-Trees.

EDITOR KANSAS FARMER:-I would advise your inquiring correspondent to plant the Seckel pear, provided he wants only one variety. It is the most hardy tree, being less liable to blight than any other sort. In the Seckel we find the greatest excellence in tests find the greatest excellence in taste. For sweet pickling it is more sought for than any other variety. Where it

SEED CORR All the leading and best varieties of choice selected, thoroughly tested seed corn, which have yielded 75 to 216 bushels per sere. Cests only 250 Per Acre for Seed. Large descriptive catalogue of Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper. 10WA SEED CO., DES MOINES, IOWA.

MILLET SEEDS T. LEE ADAMS,

AND CANE SEEDS OLOVER, TIMOTHY, GARDEN TOOLS, BLUE-GRASS SEED. Landreth's Garden Seeds Poultry Supplies.

Seeds Alfalfa Seed A Specialty.

Alfalfa—the king of drouth-resisting Forage Plants.
Pure and fresh 1903 seed, plump and vigorous. In car
or bushel lots. Also all other field Seeds. Write us
for prices.

Garden City, Kaneas.

STRAWBERRY PLANTS THAT PAY

T. Sure to produce BIG, RED BERRIES. You cannot fall if you plant our plants. We have
ug berries in Kansas 21 years; began when 12 years of age, and know just what you need. Our
s you all you want to know. Have Baspberry, Blackberry plants, etc. Write for Free Catalog TO PLANT. 8 Address F. W. Dixon, Holton, Kansas.

CORN GOLDEN BEAUTY, ECLIPSE, LEAMING, SILVER MINE, WHITE PEARL, BALDWIN, all tested and leading varieties, per bu., \$1.00.

DATS TEXAS Red, sure cropper, fancy seed, per bu., 65c. Catalog free.
TRUMBULL & CO., 1426-1428 St. Louis Ave., Kansas City, Mo.

Ours have stood the test of 50 years.
Send for Catalogue.
600 Acres. 13 Greenhouses. Established 1852.
PHOENIX NURSERY COMPANY,
1250 Park St., Bleomington, Illinois.

CANE 1101 to 1117 West 8th St. CLOVERS TIMOTHY (Near Santa Fe St.)
KANSAS CITY, MO. GRASS SEEDS

KUMLER & BUSCH

Dealers in all kinds of GARDEN and FIELD SEEDS
Send in your samples; ask for ours. 600-602-604 Mass. Street, Lawrence, Kansas.

KENTUCKY BLUE GRASS SEED.

For a Beautiful as well as a Most Profitable Pasture sow BLUE GRASS. The genuine Kentucky seed is what you want, and from beptember until June is the proper time to sow. For pure seed of our own raising, and full particulars, write MT. AIRY SEED FARM. Paris, Kentucky

Seed Corn Corn, Iowa Silver Mine (white), Early Gem (yellow), and White Pose, We also have best of seed

We have best varieties of Field Rose. We also have best of seed wheat, White Russian oats, and

cane seed. Write for price list and other information. Prompt attention to all orders. ROSS & FERRELL, - - FARRAGUT, IOWA.

Make the Garden Pay

by planting good, vigorous seed. We have had years of experience and we know how. These things show in the seed, they show in the crops and they show in the profits. The new catalogue tells all about our immense line of garden and field seeds. Full of interest to the man who wants to buy in the best market. It is freel fry our mention this paper, Write to-day. Always address

The Ratekin Seed House, Shenandoah, Ia.

Plant Trees for Posts

Catalpa, Osago, and Russian Mulberry Seedlings, one year old for planting. The Catalpas are from seed selected from known Speciosa trees. Write for prices stating number PETERS @ SKINNER, North Topeka, Kans.

RELIABLE SEED CORN.

The control of the co

MADE FROM PHOTO OF OUR CATTLE KING CORN.

Vansant's All Upland Grown on our own farms, 1902 crop. Guaranteed to grow where any corn will grow. Varieties include corn suitable for different climates and localities. Corn especially Seed Gorn bred for cattle feeding purposes, yields from 60 to 100 bu, per acre; everybody wants this variety. Also a fine yellow early 100-day corn, splendid yielder; also a fine white variety, grows on white cob. etc. Vansant's Seed Gorn never disappoints. Write for free Samples and Circulars Our Corn is selected, tipped, shelled.

W. W. Vansant & Sons, Farragut, Ia.

Buy Your Seeds Early

ALL VARIETIES ARE SOAROE THIS YEAR.

Don't depend on your neighbor any longer but get Fresh and Reliable seeds of the

KANSAS SEED HOUSE.

We sell everything in the line of SEEDS. Seeds for the Garden, for the Field, the Farm, and the Flower Garden. Headquarters for ALFALFA—very scarce this year, too—Cane, Millet, Kafir-corn, Seed Potavoes, Onion Sets, and Gardening Tools. The Wonderful MACARONI WHEAT, the RUSSIAN SPELTZ, and the Hardiest known forage plant HUNGARIAN BROME GRASS. Send at once for their Elegant New Catalogue telling all about everything in SEEDS.

Kansas Seed House. F. Barteldes & Co., Lawrence, Kans

WHEN WRITING ADVERTISERS PLEASE MENTION THIS PAPER.

REPETITION

is the life of advertising—1t is also the life of the largest mail-order seed trade in the world—

BURPEE'S!

Best Seeds that Grow

at such moderate prices. We want every one who appreciates quality to write for Burpee's Farm Annual for 1903. Long known as "the Leading American Seed Catalogue," it is better now than ever before. An elegant book of 184 pages, with beautiful colored plates and hundreds of illustrations, it tells the plain truth. Write to-day! Do not delay! It's FREE. W. ATLEE BURPEE & CO., Philadelphia







Archias' Sure Seeds!

Money Growers and Mortgage Lifters.

Sure to Grew, Sure to Pease. Largest Seed House in the West. Lowest Prices. Onlon Seed, 65 cents per round; Fure Seed Corn (15 kinds). \$1 per bushel \$500 in rize; 1(0,000 packets free Seeds. Send 10 cents for 5 large packets as den seed and our beautifully illustrated ratarogue for 1903. Cashogue alone free. Write at once. Archias' Seed Store, Mention this paper. 108-108 E. Main St., Sedalla, Mo

ALFALFA

SEED New Crop: thoroughly re-cleaned evenly graded, no chaff nor waste to pay for.

BUY IT WHERE T GROWS nearest perfection and save money. Write for prices.

GEO. H MACK & CO. Garden City, Kansas.

Our handsome Gerden Annual and Seeg Catalogue. Send your address on a postal today, or for &c. in stamps and the name of 3 neighbors who are actual seed buyers the Gleat Red, Madam Perret PANSY SEED for you write before March 16th. Address, COLE'S SEED STORE, Pella, Iowa.

STRAWBERRIES

\$2.00 a thousand for standard sorts, new beds, strong FRUIT TREES Grape Vines and Small plants, FRUIT TREES Fruits at Fair Prices, J. F. DAYTON, Waukon, lowa.

is grown for commercial traffic, it sells for more per bushel, box, or in any other package used for shipping pears, than any other pear grown in this country. I would further advise the planting of standard trees instead of dwarf of all varieties of pears except the Duchess. The Seckel does not pay grown as a dwarf for commercial purposes. Dwarf planting of Seckel pears should be limited to small gardens or city front yards, for it is then an or-namental tree as well as fruitful.

Should your correspondent plant several kinds would advise setting Anjou, Duchess, and Bartlett.

B. F. SMITH. Lawrence, Kans.

Transplanting Large Evergreens.

EDITOR KANSAS FARMER:—I would like to transplant an Austrian pine, twelve feet high. Can I do so without any danger of losing the tree? Kindly advise me how to proceed.

JOSEPH MIKSOOSKY.

Marshall County.

A large evergreen may be successfully transplanted in winter, if the soil in which it stands is reasonably moist, by digging a trench around, leaving a large ball of earth to freeze about the roots. After this freezing, dig under and cut the ball free, pry it up and on a sled or wagon transport to the new location. Have the hole plenty large. After placing the tree with its frozen ball of earth in the hole, fill all remaining space with soil and tramp well. If not able to use this method, wait until the usual time of transplanting trees. Then have at hand plenty of dampened burlap or similar fabric. Immediately on digging the tree wrap the roots with the moist burlan and lose no time in setting if burlap and lose no time in setting it in the new location. Remove the bur-lap and tramp moist soil firmly around the roots. If possible select for the work a cloudy time when there is no

Locust from Seed.

EDITOR KANSAS FARMER:-To grow the honey locust from seed, always swell the seeds in hot water and part the swelled ones with a sieve; and so continue from day to day till all the seeds are swelled and planted.

The seed should not be covered with more than two inches of fine, loose dirt, planted thickly in drill rows about two and a half feet apart. All the seeds will come up together in four or five days after planting if the ground is in good shape and the weather is warm. I have the best luck in getting the plants started from the first of May till the first of June, and plant as late of the first of July. There is danger of the ground

becoming too dry, also of rain and the ground becoming crusted so the sprouts do not come forth. In either event the seed is ruined and your labor is lost. Also if the weeds are allowed to get a start and you neglect them a day or two, it is a difficult matter to save the young seedlings. Many have wondered how I can

grow the honey locust plants so successfully every year, and it is all because I always fallow a few acres of ground for the following year's planting, using Campbell's method of soil culture, and thereby holding the mois-ture and keeping the ground free from weeds. In more than twenty-five years' farming in Ford County, I have had much experience in the growing of forest trees, and I must give Albert Dickens credit for saying that the honey locust ranks as one of the best J. E. MELLECKER. trees to plant.

Ford County.

Publisher's Paragraphs.

There are 725 ancient castles on the banks of the Rhine. These are mostly inhabited by people who do not advertise.

The last five years of the nineteenth century produced more gold than the entire output of the seventeenth century. The gold getters advertise in the Kansas

The Farmers' Handy Wagon Co., of Saginaw, Mich., have advertised their low-down, handy wagon in the Kansas Farmer for several years. Notice their advertisement entitled "Man and Horse" in this issue, and write them for their catalogue.

We call attention to the card of the well-known Kansas City seed house of T. Lee Adams, 417 Walnut street, and in this connection we desire to say that there is no house that enjoys a better reputation for good stocks and fair deals than this one. This house makes a specialty of garden seeds, seed potatoes, and field seeds. It is important to get in your seed orders early, for the reason that many kinds of seeds are quite scarce. In wax beans, peas, vine seeds, cucumbers and sugar-corn many houses have already ceased to fill orders, supply being exhausted, hence it is very important to get in orders as early as possible for seeds of every description.

A recent visit to the Wichita nursery afforded a great deal of pleasure in that

DEAL DIRECT WITH FACTORY

Don't pay retail price for carriages or harness. Write for our catalogue and learn about our system of selling direct from factory to customer. Two profits are saved to you. Satisfaction is guaranteed, or you can return the purchase and we will pay freight charges both ways. We have the largest assortment of buggles, surreys, phetons, carriages, and other high grade vehicles, as well as harness and horse accessories, in America. Write for the catalogue to-day.

THE COLUMBUS CARRIAGE & HARNESS COMPANY, Factory and General Office, OLUMBUS, O. Write to Western Office and Distributing House, ST. LOUIS, NO. 3 nearest office.





SEND TWO CENT STAMP FOR SAMPLES AND BOOK ON CORM GROWING J.B. ARMSTRONG & SONS, SHENANDOAH, IOWA.

We Sell Direct to the Planter

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

Wichita Nursery, Wichita, Kans.

it gave our representative an opportunity to inspect one of the cleanest and most vigorous nursery stocks that we have ever seen. Our pleasure was greatly increased by personal contact with the genial proprietor, Mr. W. F. Schell, who has won such an enviable reputation for having his trees not only sound and thrifty but absolutely true to name. The business of this company is growing rapidly because people who buy here know absolutely that they are getting what they pay for. Another reason for its rapidly growing popularity is that no agents are employed and the customer gets the benefit of the 40 per cent on the price that is elsewher allowed for the agents' work. Still another important element in its success is that the freight is prepaid on what you buy and the boxing and packing is free. If you will write for a catalogue you will find that you get an inspector's certificate of genuineness with every tree you buy; you save the agent's commission of 40 per cent in the price you pay; you have them packed and shipped to your town free of any cost, and you get good, thrifty; growing trees. It will pay to get next to this and address Wichita Nursery, Wichita, Kans. Their advertising card is on page '204.

In 1845 and Now.

The inside front cover of the Deering "Golden Era" catalogue for 1903 contains a story without words. A section of the Chicago River as it was in 1845 is pictured. It shows an Indian wigwam, Indians in canoes and upon the banks of the river; there is no signs of civilization. On the same page is shown the river at the same point as it is to-day, full of ships and lined with docks. The banks contain the great Deering works, 85 acres of buildings and a veritable hive of industry. A marvelous change and one that has taken place in less than fifty years.

Smoking Meat With a Brush.

In all parts of the country, among progressive, enterprising people, the smoke house, with its risks, annoyances, and expense, is going rapidly out of use. Its place is taken, and more than filled, by Krauser's Liquid Extract of Smoke.

Messrs E Krauser & Bro

Krauser's Liquid Extract of Smoke.

Messrs. E. Krauser & Bro. of Milton. Pa., have succeeded in liquifying hickory wood smoke, so that all meats formerly smoked by fire—an operation occupying days—can be smoked at home, in a few hours. Krauser's Liquid Extract of Smoke is applied with a brush or sponge, and has all the ingredients that preserve meats smoked by the old way. It gives hams, sausages, beef, bacon, fish, and whatever is cured by its use, a finer, sweeter flavor; keeps them from contamination by insects and mould, and is entirely wholesome. It is much cheaper and cleaner than the old smokehouse method, and permits of each plece of meat being treated to suit its own conditions—given a thick or a thin coat, as may be needed. It is so simple to apply that any one can do it and the meat can then be hung in a garret, safe from smoke-house thieves, and no loss by fire.

For further information concerning this inexpensive but valuable liquid, write to the makers, E. Krauser & Bro., Milton,

FRUIT TREES

Grapes, Small Fruits, Evergreens, Roses, Fine stock; low prices. Price list free.
J. E. REMSBURG, Atchison, Kansas.

...PLANT...

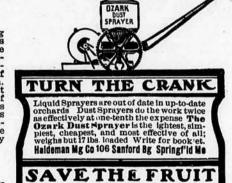
Pinus Divaricata Seed!

The hardlest evergreen for the remi-arid prairie. One ounce (over 7.000 seed). for 50 cents prepaid.

Wanted

Experienced man in all branches of Nursery Work—grafting, budding, planting and packing. Liberal wages and good position to the right party. Give experience and time served, references, also if married or single. Address

MAYFIELD NURSERIES, St. Paul, Minn.



THRESHERMEN

have come to realize the fact that for high and permanent service, there is no power they can take into the field so satisfactory as the



TRACTION **ENGINES**

Moderninvention shows at its best in their making. They have no superfluous parts or trappy devices. Rear Geared with steel gearings. Cross heads and slides are protected from dust. Cut shows single cylinder. We make also double cylinder engines. Burn wood or coal, or straw in direct fluo. Late catalogue describes fully this matchless Engine line and famous New Rumely Suparators. Mailed free, Write.

M. RUMELY CO., La Porte, Indiana.

THE OKLAHOMA LIVE-STOCK AS-SOCIATION.

(Continued from page 193.)

The meetings were held in the neid. The meetings were held in the opera house and in spite of the tremendous downpour of rain were attended by crowds. After an address of welcome by the mayor of the city, and by Hon. S. C. Heyman, president of the Chamber of Commerce, the meeting was in full blast and so continued until Thursday night. Col. held. tinued until Thursday night. Col. Zack Mulhall's cowboy band was one of the most conspicuous and attractive features both at the meeting and upon the streets, where their concerts attracted great crowds. Many papers of importance were presented at the meeting by men of more than State reputation, and we hope to be able to present some of these to our readers in later issues. The afternoon of each day was devoted to the roping and broncho busting contests. The mili-tary parades were by Troops A and D 8th U. S. Cavalry with two platoons of the 29the battery of field artillery. A number of visiting bands were pressent and assisted the Cowboy band in sent and assisted the Cowboy band in their entertainment of the crowds which thronged the city. Among these was the famous Persimmon band which is composed entirely of young ladies from Woodward, Okla. The celebration of the opening of the splendid new street-car system and the sples of the finest Hersfords and the sales of the finest Herefords and Shorthorns that were ever seen inside the territory served to fill the after-noons as full as they could be. Oklahoma City is a wonderful town, which has attained a population of 25,000 in has attained a population of 25,000 in its thirteen years of existence and is the outfitting point for a large territory in the new country and the States of the Southwest. Here are located about 100 wholesale and jobbing houses; more than 60 manufacturing establishments which employ more than 1,000 men; a magnificent new Methodist university and all cent new Methodist university and all of the modern things which go to make an up-to-date city. The ordinary activity on its streets reminds one of what may be seen on Union Avenue in Kansas City, while with the accession of the thousands of cattlemen and their friends the town was never so crowded. The handling of this enormous crowd without friction and to the general satisfaction of all concerned is due to Mr. John R. Rose, who had entire charge of the bureau

of information.
Oklahoma City is typical of the strenuous life of the Southwest. Here is the home of men who do things, and the results that have been accom-plished in her brief history are wonderful, yet this does not surprise one so much when it is remembered that this great accomplishment is due in part to ex-Kansans who were among the earliest settlers and who are yet largely at the head of affairs. The president of the new street railway, Mr. John W. Shartell, is not only a former Kansan but a graduate of our State Agricultural College. The president of the chamber of commerce was formerly a merchant in Topeka. The secretary of the Improved Stock-Breeders' Association; the professor of agriculture in the Territorial Agricultural College; the secretary of the newly created Territorial Board of Agriculture and the secretary of the riculture, and the secretary of the chamber of commerce are all graduates of the Kansas State Agricultural College, while the largest law firm, the largest real estate firm, and the largest loan broker's firm in the city are headed by formerly-of-Kansas men. No wonder Oklahoma City hums.

The officers of the Oklahoma Live Stock Association for the ensuing year are: President, Geo. W. Carr, Stone, Okla.; vice-president, Geo. W. Crowel, Alva, Okla.; secretary, W. E. Bolton, reelected; treasurer, John J. Gerlich, Woodward, Okla.

meeting of the association will be held at Oklahoma City, although other cities were strong candidates for the honor

KANSAS FARMER'S NEW WALL ATLAS.

The Kansas Farmer has arranged with the leading publisher of maps and atlases to prepare especially for us a New Wall Atlas, showing colored reference maps of Kansas, Oklahoma, Indian Territory, the United States, and the world, with the census of 1900. The size of the New Wall Atlas is 22 by 28 inches and it is decorated on the outer cover with a handsome design composed of the flags of all nations.

Tables showing products of the United States and the world, with their values, the growth of our country for the last three decades, and a complete map of the greater United States are given. This is an excellent



MAKE NATURE YOUR DOCTOR

FOR 30 DAYS

We will send to every worthy, sick and alling person, who writes us, mentioning the Kansas Farmer, a full sized \$1.00 post-paid, sufficient for one that its use has done him or her more good than all the drugs and doses of quacks or good doctors or good medicines he or she has ever used. Read this over again carefully, and understand that we ask our post-paid, sufficient for one he or she has ever used. Read this over again carefully, and understand that we ask our you not have nothing. We do not offer to send you a free sample to last three or four days, nor to send you a medicine which medicine known to the civilized world, without one cent of risk to you. We offer to give you thirty days to see results before you need pay us one cent, and you do not pay the one cent unto try the medicine, thirty days to see results before you need pay us. We know that when Vitae-Ore has put you on the road to a cure, you will be more than willing to pay.

WHAT VITAE-ODE 18 Vitae-Ore is a natural, hard, adamantine rock-like substance—mineral—ORE.

WHAT VITAE-ORE 'S. Vitae-Ore is a natural, hard, adamantine rock-like substance—mineral—ORE, mined from the ground like gold and silver, in the neighborhood of a once powerful to the air, when it slacks down like lime and is then of medicinal value. It contains free iron, free sulphur, and free measurements which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three properties which are most essential for the retention of health in the human system, and one pack-magnesium, three iron, free sulphur, as global to the contains free iron, free sulphur, as falled to improve unon of the contains and silver, in the neighborhood of a once powerful mineral—ORE.

WHAT VITAE-ORE is a natural, hard, adament, in the neighborhood of a once powerful mineral—ORE.

WHAT VITAE-ORE is a natural, hard, silver, in the neighborhood of a once powerful mineral—ORE

package, will deny after using.

MEDICAL MCIENCE has failed to improve upon or even equal the remedies found in a free state in healing mineral springs, mEDICAL MCIENCE has failed to improve upon or even equal the remedies found in a free state in healing mineral springs, the oldest and best, and newest and learned, acknowledge this to be a fact when they encounter a disease which is not amenable to Physicians, the oldest and best, and newest and learned, acknowledge this to be a fact when they encounter a disease which is not amenable to the action of drugs, they pack the patient of Carlsbad, Sararoga, Bades, there to drink the waters which contain the essential properties for the restoration of health and the patient returns, fresh, healthy, in mind and body. If the sufferer can not afford the trip, and few but the wealthy can, they must continue to suffer, as the waters deteriorate rapidly, and when transported fail to procure the desired results.

erties for the restoration of health and the patient returns, it was a state of the restoration of health and the patient returns, it was a state of the replay, and when transported fall to procure the desired results, and few but the wealthy can, they must continue to suffer, as the waters deteriorate rapidly, and when transported fall to procure the desired results.

A 1 ETTER TO THE THEO. NORI. COMPANY, CHICAGO. will bring a healing mineral spring to your door, to your own house, your chamber—will bring to you VITAE-ORE, a mineral spring condensed and concentrated, a natural God-made reflectly for the relief and cure of the ills with which man is afflicted. Why continue to suffer when this natural curing and healing Ore, nature's remedy, can be had cure of the ills with which man is afflicted. Why continue to suffer when this natural curing and healing Ore, nature's remedy, can be had cure of the lils with which man is afflicted. Why continue to suffer when this natural curing and healing Ore, nature's remedy, can be had cure of the lils with which man is afflicted. Why continue to suffer when this natural curing and healing Ore, nature's remedy, can be had cure of the lils with which man is afflicted. Why continue to suffer when this natural curing and healing Ore, nature's remedy, can be had cure of the lils with which man is afflicted. Why continue to suffer when this natural curing and healing Ore, nature's remedy, can be had cure of the lils with which man is afflicted. Why continue to suffer when this natural curing and healing Ore, nature's remedy, can be had cure of the lils with which man is afflicted. Why continue to suffer when this natural curing and healing or natural Cod-made remedy for the relief and cure of the lils with which man is afflicted. When the natural Cod-made remedy for the relief and cure of the lils with which man is afflicted. When the natural Cod-made remedy for the relief and concentrated, a natural Cod-made remedy for the relief and concentrated, a natural Cod-made remedy for

A MINERAL SPRING AT YOUR DOOR.

educational work and should be in ev-The retail price of this ery home. The retail New Wall Atlas is \$1.

Every one of our old subscribers who will send us \$1 for two new trial subscriptions for one year will receive as a present a copy of this splendid New Wall Atlas, postpaid, free.

Any one not now a subscriber who will send us 50 cents at once will receive the Kansas Farmer for five months and will be given a copy of our New Wall Atlas free and postpaid.

This world is full of trouble-and microbes. Subscribe for the KANSAS FARMER and save trouble and kill microbes.

An Interesting Story.

An Interesting Story.

The story of the discovery of Vitae-Ore, the peculiar mineral remedy now being so widely advertised and talked about in the public press, as told by Prof. Theo. Noel, the man whose pick, while delving deep in the hills of the Southwest, first brought it to light, is one of great interest to all who read for knowledge and profit. It is given in full detail in the 64-page booklet, "Vitae-Ore," issued free by the Theo. Noel Company, of Chicago, whose large advertisement will be found on page 295 of this issue. If this mineral, a magnetic ORE, is a subtle combination or blending of elements, a formation peculiar to the locality of its discovery, as it has been found nowhere else, that requires but the addition of hydrogen and oxygen—an addition of hydrogen and oxygen—an addition obtained by mixing the ore with water—to make it a most powerful and effective remedy, as hundreds of the readers of this paper have found it.

The offer made by the company to the subscribers and readers of this paper, is almost as remarkable as the Ore itself. They do not ask for cash, but desire each person to use the Ore for thirty days' time before paying one cent and none need pay unless positively benefited. The offer, which is headed "Make Nature Your Doctor," is certainly an original one and can be read and accepted with profit by every alling person. The company is reliable and will do as they agree.

Seeking a New Home?

Why not try the great Southwest?
Low colonist rates on the first and third
Tuesdays of each month. Ask for particulars and literature. Address
JAMES BARKER,
Gen'l Pass. Agent, M. K. & T. Ry.,
203 Wainwright Bldg., St. Louis.

Very Low Rates

to points in Montana, Idaho, Washington, Oregon, British Columbia, Utah and Colorado, in effect daily from February 15 to April 30, via Chicago Great Western Railway. For full particulars apply to G. W. Lincoln, T. P. A., Kansas City, Mo.



The greatest and most successful institute for Diseases of Men Consultation free at office or by letter BOOK printed in BOOK printed in plain envelope for four cents in stampf All letters answered in plain envelope Var occele cured in five days. Call or address

Chicago Hedical Institute.

518 Francis Street,

ST. JOSEPH, MO.

KEITH'S FURNITURE 175 pages of high grade reliable Furni-ture at prices that cannot be duplicated. Rugs, Carpets and Curtains in lim-mense variety at lowest prices. We pay freight Write today for Catalogue C. Robert Keith Furniture & Carpet Co.

Kaosas City, Mo.

Gold Stocks Free

Do You Want Them One of the old publishing houses of Denver has hit upon a plan to build up a national circulation for its big illustrated weekly which is taking like wild-fire.

He e It Is: To each person sending us \$1 for a yearly trial subscription to our great weekly family and mining paper (founded in 1893) we will send a block of 5 shares in a very promising Cripple C eek gold mining company, incorporated, full paid and non-assessable. Clubs of 3 or more 80c each, including 5 shares each. Stamps taken, or remit by express, P. O. order, or registered letter.

CR:PPLE CREEK camp in the world It is now producing \$20,000,000 yearly. The mining company above described owns good property at Crippe Creek and muy strike it 'rich any day, Our paper will keep you fully posted This generous offer is limited—send your subscription at once. Shares, together with prospectus telling all about the company, will be sent by return mail. Refer to the editor of this paper. Enclose dollar bill in your letter. Mention Kansas Farmer. Address

GLOBE PUBLISHING CO., Denver, Cole.

GLOBE PUBLISHING CO., Denver, Cole.

BALMOLINE The Corn-Husker's Friend. : : : And Nature's Perfect Healing Salve MAN OR BEAST.

Druggists, or by mail. Trial box, 4c; 2 oz., 25c; 6 oz., 50c. Baimeline Mfg. Ce , Sta. B Abilene, Kas

Have You Got Rheumatism?

You Can Be Cured; FREE.

A Scientific Discovery.

It is now posssible to be cured of any form of rheumatism without having your stomach turned upside down or being half choked to death and made to vomit, and every sufferer from rheumatism should welcome this new and marvelous discovery with open arms and give it an honest trial. This new remedy was discovered by John A. Smith, Milwaukee, Wis., who is generous enough to send it free to every sufferer who writes at once. It is a home treatment and will not keep you from your work.

As you know if you've tried them, every so-called rheumatic remedy on the market to-day, except this genuine cure, will cause you violent stomach pains and vomiting, and some of them are so dangerous they will cause heart trouble. And the worst of it is they never cure. When a person has rheumatism the constitution is so run down that he should be very careful what he puts into his stomach.

It therefore gives me pleasure to present a remedy that will cure every form and variety of rheumatism without one single unpleasant feeling. That remedy is

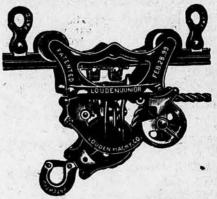
"GLORIA TONIC."

pleasant feeling. That remedy is:

"GLORIA TONIC."

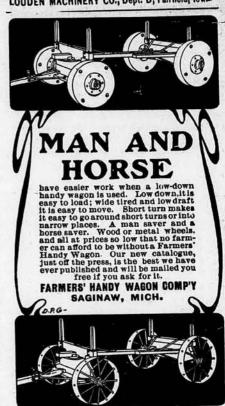
Before I decided to tell the world about the discovery of "Gloria Tonic," I had it tried on hospital patients, also on old and crippled persons with perfect success. But some people never will believe anything until they know it from experience, so the best and quickest way is for you to write me that you want to be cured and I will send you a box of "Glorio Tonic" free of cost. No matter what your form of rheumatism is—acute, chronic muscular, inflammatory, deformant, sclatic, neuralgic, gout, lumbago, etc., "Gloria Tonic" will surely cure you. Do not mind if other remedies have falled you, nor mind if other remedies have falled you so in the famous of the famous of the fall of the famous magazine "Health," London, and a column of others. If you are a sufferer send your name to-day and by return mail you will receive "Gloria Tonic" and also the most elaborate book ever gotten up on the subject of Rheumatism, absolutely free. This book contains many drawings from actual life and will tell you all about your case. You get "Gloria Tonic" and this wonderful book at the same time, both free, so let me hear from you at once and soon you will be cured. Address!

JOHN A. SMITH, 1327 Germania Bldg.; Milwaukee, Wis., U. S. A.



WHY NOT BUY

LOUDEN'S Latest Improved HAY CARRIERS? Worth three times as much as any
old style carrier. Never fail to perform their
work. Will fill your barn full and will NOT
BIND ON THACK or break the fork pulley.
We are the originators of FLEXIBLE BARN
DOOR HANGERS and have the BEST ON
EARTH. Also a full line of HAY TOOLS,
HAY RACK FITTINGS and HARDWARE
SPECIALTIES for use in field and barn. SAVE
MONEY by writing for catalogue Address
LOHDEN MACHINERY CO. Dant D. Eslessid town LOUDEN MACHINERY CO., Dept. D, Fairfield, lows-



JIILMI LANDS

Located on the Yazoo & Mississippi Valley R. R. in the Famous

YAZOO

Of Mississippi-Specially Adapted to the

Raising of COTTON, CORN, CATTLE, AND HOGS:

SOIL RICHEST THE WORLD

WRITE FOR PAMPHLETS AND MAPS. E. P. SKENE, Land Commissioner, Central Station, Park Row, Reom 456; CHICAGO, ILE:

The Beterinarian.

We cordially invite our readers to consult us when ever 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 Kansss 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 postoffice, should be signed with his full name, and should be addressed to the Veterinary Department, Kansas Farmer, Topeka, Kansas.

Lumpy Jaw.

I bought a Shorthorn bull calf about November 1; had him dehorned about December 1. About two weeks ago l noticed an enlargement on left side of his head, straight below the ear and behind the eye. The eye waters con-siderably but does not seem otherwise sore. It was swollen almost shut when I had him dehorned, but got entirely well afterward. Did not notice any enlargement of jaw at that time. He seemed very slow learning to eat corn in November. Has eaten all right can it be lumpy jaw? If so, would it be advisable to use him in the herd after he is cured? CHESTER SMITH.

Waverly, Coffey County.

Make a good free opening in the enlargement and wash out with warm water. Then inject carbolic acid full strength, or, if opening is large enough, apply it with a small sponge tied on a stick; hold the carbolic acid there about two minutes, then wash out and apply pure alcohol the same way to stop the acid; repeat this in three days. Give one dram of iodide of potassium in a teacup of water twice a day until hi nose and eyes run good; then wait about ten days and give again until it shows the same as before. It will be safe then, when in good condition, to use him.

Wart.

I have a 3-year-old sorrel mare that has a scabby wart on the right hind leg. I first noticed it last spring about the time she was turned on grass. It was then about the size of a blackberry and would bleed and scab over. The scab would break and it would bleed again. It has grown very rapidly this winter and is now as large as a man's fist and still continues to bleed and scab over. I have never done any thing for it. What can I do?

THEO. STEELE.

Kirwin, Phillips County.

It would be best to have a qualified veterinarian dissect it out and then veterinarian dissect it out and then cauterize, as you might slough away too much with the wart by applying caustics, and cause open joint and kill the mare. It is always best to remove them before they get so large, especially when they are close to a joint.

Lame Calf.

Can you tell us what to do for a cung calf about 6 or 7 weeks d? At first it seemed all right; four weeks ago, one morning, it could hardly get up alone. Its right front knee was swelled and very lame and it could hardly use the left hind leg; it kept the foot raised and morning. the foot raised and would not try to use it for a week. Although it was in a warm barn it shivered all the first day, and would hardly drink when fed; after that, it drank milk. It will not eat forage of any kind, its teeth seem sore, especially on the right side. I believe it is some feverish. Its front leg it still swelled and weak; the bones are all right apparently, but it will not, or can not bear much weight on the hind leg. We would be glad to know how to treat it.

C. T. Stockton, Rooks County.

Take aqua ammonia two ounces, oil five ounces; mix and apply twice a day, and bandage. Give ten grains of salicylate of soda twice a day, and one ounce of lime water in milk twice a

Guineas-the Males Do the Talking.

EDITOR KANSAS FARMER:-When I began to be interested in farming (glorious pursuit! though not yet immensely profitable with me), I had a fad, that on a farm should be all manner of domestic fowls; so I stocked up with pea-



WHITH IN THE THE We will mail you THE SATURDAY EVENING POST

Every Week from the time your subscription is received TO JULY 1, 1903

For Only 50c

STORIES OF AMERICAN LIFE By OWEN WISTER

SKOOKUM SMITH AND FRISCO BALDY is the title of the next story in the series that Mr. Wister is now writing for this magazine. Frisco are friends of The Virginian, and are the heroes of some surprising adventures.

By WILL PAYNE

TALES OF BLUE RIDGE: Six independent stories, which follow the rising fortunes of a printer's devil, and show how success and fame were won in the early days of the West.

By EMERSON HOUGH

THE LAWAT HEART'S DESIRE: Tells how Justice first got a foothold in a little mining town and how her champion, Dan Anderson, secured the acquittal of his friend Curly, at whose door was laid the sudden death of a pig.

By GEORGE ADE

TALES OF A COUNTRY TOWN: Only a humorist like George Ade could find a village boasting six characters with histories as plausible, and yet as absurdly funny, as those told in this series.

By F. Hopkinson Smith

Another popular contributor to the magazine is Mr. F. Hopkinson Smith. His next tale, entitled A Point of Honor, is a clever, humorous story, which centres around a French duel over an absurd misunder standing.

THE SATURDAY EUENING POST

Is a Superbly Illustrated Weekly Magazine. Half a million copies sold every week. Everybody is reading it. The regular subscription price is \$2.00 year. In clubs of 4 or more, \$1.25 each. All newsdealers have it at 5 cents the copy

The Curtis Publishing Company Philadelphia, Pa. "HWWWHHIMMHIMM

fowls, Geese, chickens, turkeys, ducks, pigeons, and guineas. I soon discovered I had no use for geese on account of their destructiveness and uncleanly habits; I got rid of them. The other fowls did reasonably well. I now discover I am not able to distinguish between the male and female guinea. Will you kindly in your next issue describe the difference, so I may be able to tell the males from the females? J. G. MOHLER.

Salina, Saline County.

This inquiry was submitted to H. W. McAfee, of Shawnee County, who replies that the males, besides being the larger, do nearly all the talking. The voice of the female is scarcely ever

The Republic may perish; the wide arch of our varied Union may fall; star by star its glories may expire; stone by stone its columns and its capitol may moulder and crumble; all other names which adorn its annals may be forgotten;-but as long as human hearts shall anywhere pant, or human tongues shall anywhere plead for a true, rational, and consitutional liberty, those hearts shall enshrine the memory, and those tongues prolong the fame of George Washington,-Robert C. Winthrop.



It's simple; free from needless complications; has handy operating levers; works easily every way.

For over twenty years our experts have studied this machine; planned out a rigid and enduring frame; discovered how to use a lever in place of several cog-wheels; equipped the reel with a self-acting friction clutch which prevents breakage; applied the stored power of a self-regulating fly-wheel to equalize the draft; perfected the simplest Knotter yet devised, one that holds the world's record for accurate tying. In short, they have fitted this machine for the greatest practical field service anywhere.

The Plano catalogue de-EVER BIND

anywhere.
The Plano catalogue describes it, and tells about some other interesting cash and labor savers; ask for a copy.

PLANO DIVISION

International Harvester Company of America

CHICAGO, ILLINOIS

Brange Department.

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

Conducted by Ed. Biair, Cadmus, to whom all correspondence for this department should be addressed. Papers from Kansas Granges are especially solicited.

NATIONAL GRANGE.

KANSAS STATE GRANGE.

Master E. W. Westgate, Manhattan
Steward
Bteward
CeresMrs. M. J. Allison, Lyndon
Ceres Madison
PomonaMrs. lda E. Filer, Madison
L. A. S Mrs. Lola Radeliff, Overbrook

EXECUTIVE COMMITTEE. Rhoades......Gardner

Resolutions of Vinland Grange.

Whereas, The legislative committee on taxation is preparing a tax bill which provides that notes and mortgages and other evidences of indebtedness shall be exempt from taxation;

Whereas, The indications are that said bill will become a law; therefore

Resolved, by Vinland grange, of Douglas County, That we are opposed to any tax-law that exempts notes, mortgages and other evidences of in-debtedness from taxation, and we respectfully call the attention of our lawspectfully call the attention of our law-makers to the fact that it is not the money loaner, either domestic or foreign, that has made the State of Kansas the great State it is, but the men and women on the farms with others who bear the greatest share of the burden of taxation;

Be if further resolved. That we call

Be it further resolved, That we earnestly request our Senators and Representatives to use all legitimate means in their power to defeat the clause which exempts notes and mortgages from taxation and to work for a tax law that will give us equal taxation on all of the wealth of our State, whether it be invested in lands, stocks, merchandise, or notes and mortgages, to the end that all wealth shall share in the burden of taxation;

Be it further resolved, That our secretary is instructed to furnish a copy of these resolutions to our Senators and Representatives, also to furnish the county papers and the Kansas Farmer copies for publication.

I hereby certify that the foregoing is correct copy of resolutions adopted

by Vinland grange.
A. F. Allen, Secy.

Talks With Lecturers

Most of us who have been honored with positions of educational leadership in the grange are willing to work ship in the grange are willing to work for the benefit of our own branch of the organization. In a certain limited sense, we are dominated by the spirit of service. At the beginning of the year, when attendance at the meetings is large and when pressing personal duties can not be pleaded by our associates as an excuse for not doing the work we assign to them, we work the work we assign to them, we work joyfully and hopefully, hardly stopping to inquire if the results correspond with our efforts. We are glau to work on under the leading of a noble im-

But the time comes when attendance dwindles, when there is less enthusiasm, when it is hard to make the lecasm, when it is hard to make the fec-turer's hour interesting because so many fail to come prepared to do their appointed part of the work, and when the interest of the most faithful mem-bers seems to flag. Then is the testing-time of the lecturer. Is it sur-prising that many a lecturer feels discouraged under such circumstances, and is almost ready to declare that his work is wasted, his efforts unappreciated, and unfitness for the position proved?

It is to be understood that no one is elected to a responsible position in any grange merely that he may have a better chance than others to have a good time. Office is opportunity; it implies duties to be performed. You can not afford to disappoint those who have trusted in your ability and your willingness; you have no right to be disapposed by the state of the state o couraged, however discouraging the circumstances, however much you may feel like relaxing your efforts. You have signed the bond; you must pay it with your very heart's blood, if need

be. But what is the use of looking for results in a few months? The century.

MEDICAL ADVICE TO WOMEN.



This is a very important consideration in a woman's correspondence with Mrs. Pinkham. It is a great satisfaction to feel that one woman can write to another telling her the most private and confidential details about her illness, and know that her letter will be seen by a woman only, —a woman full of sympathy for her sick sisters, and with a knowledge of woman's ills greater than that possessed by any other person.

Mrs. Pinkham never violates the confidence thus entrusted to her, and although she publishes thousands of testimonials from women who have been benefited by her advice and medicine, never in all her experience has she published such a letter without the full consent, and often by special request of the writer.

The reason Mrs. Pinkham is so amply qualified to give advice in cases of female ills is for the reason that over one hundred thousand cases come before her each year,—some personally, others by mail and this has been going on for twenty years, day after day, and day after day. Twenty years of constant success,—think of the knowledge thus gained. Surely, women are wise in seeking advice from a woman of such experience, especially when it is absolutely free.

As an illustration of the good coming from such advice we herewith publish two letters and portrait of Miss Hattie DeGroat, the reading of which should give every sick woman confidence in Mrs. Pinkham's ability to help them. This is only one of thousands of the same kind of letters which Mrs. Pinkham has on file.

"DEAR MRS. PINKHAM: - I have read with interest your advice to others so much that I thought I would write to you, for I have been suffering for a long time. I have such bearing-down pains, and such shooting pains go through me. I have headache, backache, and feel tired. Menstruation is very painful, sometimes have to stop work and lie lown. My stomach bloats terribly, and I am troubled with whites. Hoping to hear from you soon, I remain, July 24th, 1900.

MISS HATTIE DEGROAT, Succasuma, N. J."

"Dear Mrs. Pinkham: — I can hardly find words to thank you for your advice and wonderful Vegetable Compound. I was in a terrible state, every part of my body ached, was very nervous, had hysterical spells. I think I would have become insane had it not been for Lydia E. Pinkham's Vegetable Compound. Your letter told me just what to do, and your medicine cured me, and I cannot express my thanks."

March 8th, 1901.

Miss Hattie DeGroat, Successuma, N. J."

No other medicine in the world has received such widespread and unqualified endorsement. No other medicine has such a record of cures of female troubles or such hosts of grateful friends. Do not be persuaded that any other medicine is just as good. Any dealer who suggests something else has no interest in your case. He is seeking a larger profit. Follow the record of this medicine, and remember that the thousands of cures of women whose letters are constantly printed in this paper were not brought about by "something else," but by Lydia E. Pinkham's Vegetable Compound.

plant blooms after many years. The results of our labors may not be apparent sooner. We must work on, all the while acquiring greater skill, all the while increasing in power to accomplish, all the while holding ourselves true to our purpose to do our work in simple, unquestioning faithfulness. Work counts. We never need to doubt

the truth. Effective speakers have been known to fail because of early success in winning the applause of an audience. The tch for applause, for instant testimony to apparent success, turned them aside from their purpose and made them seekers after the shadow of suc-

We must be true to our best impulses or we will fail, no matter how well we may seem to be succeeding. Our plans are part of us, and we can not throw them aside and adopt others at a moment's notice.

must express ourselves in our work .-Grange Bulletin.

Please mention Kansas Farmer when writing our advertisers.



The Old Reliable Anti-Friction Four-Burr Mogul Mills

No gearing; no friction. Thousands in use. Four-horse mill grinds 60 to 80 bushels per hour; two-horse mill grinds 30 to 50 bushels per hour. We make a full line of FEED MILLS, best ever sold, including the famous Lawn Grinder No. 2 for \$12.50. Send for free Catalogue. Manufactured and sold by the

IOWA GRINDER AND STEAMER WORKS. Waterloo, Iowa.

The Poultry Yard.

Pure-Bred Farm Poultry.

There is a great deal of matter printed pertaining to the rearing of finebred poultry, but so much of it is along the fanciers' line that many farmers are in doubt as to whether it is advisable for them to undertake it.

In the first place secure the breed you like and stick to that breed. Many a farmer-fancier bases his poultry experience upon the theories of others. By this we mean that, after taking up his favorite breed and before learning any of their characteristics, he allows some friend to induce him to try a sitting or two of eggs from some other breed, and in a short time he finds himself with two or three or a half dozen breeds, and utterly incapable of keeping them penned separately and attending properly to his other farm work. In a very short time he finds himself with a conglomeration of colors, odd sizes and shapes, none of them approaching the form of a thoroughbred. About this time he also awakens to the fact that breeding several types of fine scoring fowls on one tract is a trade in itself, one that belongs to the professional fancier, and not the busy tiller of the soil. But this is no reason why the farmer should not have and own a flock of fine-bred fowls.

Some of the finest strains that were ever produced, were grown by the farmer. Nowhere has the fowl such a chance for development as upon the farm, with plenty of range, nice green feed, seeds, etc., to make a proper growth, and no danger of the intermingling of some other strain in his veins. Such is the independence of the farmer who will choose the type he likes, and then adhere to that breed through thick and thin, believe that the breed he owns is as good as any-body else's, and good enough for him and his house.

It is hard for us to tell which is the best breed. We like the barred Plym-outh Rocks, possibly because we have raised them most and know more about them than some other breeds. We also know that they are very hardy and hatch strong chicks, that the raising of them is a pleasure compared with some breeds with which we are acquainted. Besides, this preed seems to be the favorite, at least here among the farmers and also consumers, and in autumn we could sell a dozen cockerels for every one we

However, there are other good breeds, and while not so popular, possibly, yet one may like them better; but let your motto be, "One breed, and that as good as I can command." Then, whatever you do, adhere to your own theories if you know they are right and let no one turn you aside. Many of the popular strains are well established and so favorably known that one cannot make a mistake to choose any one of them for farm fowls.

The best time to invest is now, or in the next few weeks. Breeders now have plenty of young stock and are willing to sell. Many farmers have good flocks which can easily be graded up, especially in the Plymouth Rock line. While this is a very intricate strain to breed to the Standard of Perfection, yet no breed succeeds so easily to breed to evenness of color in the farmer's hands, and by the addition of new cockerels each season, one will be surprised to see how quickly a change may be wrought in the flock. We would willingly exchange the price of a dozen ordinary scrub cockerels for three good cockerels to place in a

My name is on my lamp chimney. Nobody else's name is on his chimneys.

Масветн.

If you'll send your address, I'll send you the Index to Lamps and their Chimneys, to tell you what number to get for your lamp. MACBETH, Pittsburgh,

flock of fifty to seventy-five hens for next year's mating.

There is no one who does not love beauty and uniformity in a flock of poultry, and your friends, and especially the poultry huckster and the butcher, will help to fill your pocketbook and advertise your advancement.

—Geo. W. Brown, Hancock County, Ohio, in Farm and Fireside.

Are the Hens Laying?

If not, why not? If they are not lay-ing it is your fault, because they certainly will lay if given a chance; they will lay because "it is their nature too." These thought came to mind while looking over a December egg-account which showed a very satisfactory eggyield and a cash return that is highly satisfactory to the owner; almost any farmer would be satisfied with a net profit of \$87 in one month, and that the

usually dull month of December.

The fowls that did this good laying were 380 in number, 90 of them being year-old hens, and 290 being pullets. They were housed in two long poultry houses, which were divided into pens twelve feet square, and (about) fifteen birds were put in each pen; this gave them practically ten square feet of floor-space per bird, which is an unusually liberal amount, but as the one pen is dining-room, living-room and bed-room combined, it pays to be liberal. The total egg-yield for each day of the month was as follows:

Dec. 1111	Dec. 1711
Dec. 2105	Dec. 1814
Dec. 3112	Dec. 1914
Dec. 4127	Dec. 2012
Dec. 5117	Dec. 2114
Dec. 6124	Dec. 2212
Dec. 7123	Dec. 2315
Dec. 8115	Dec. 2414
Dec. 9120	Dec. 2513
Dec. 10143	Dec. 2613
Dec. 11109	Dec. 2715
Dec. 12125	Dec. 2813
Dec. 13132	Dec. 2911
Dec. 14	Dec. 3012
Dec. 15129	Dec. 3113
Dec. 16	
Total	'

This is the average of almost ten and a half eggs per bird for the month, and quite as much as can reasonably be expected; if one is getting one-third egg yield in December he is getting all that he can reasonably expect, many of the old hens have not yet recovered from the drain of the moult, and pullets do not, as a rule, produce an egg every other day in early winter. There was one pen of pullets that did, and that was a pen of cross-bred pullets, a cross of Brown Leghorn male on Light Brahma females. These birds laid an average of fifteen and a half eggs apiece in the thirty-one days, exactly a 50-per-cent egg-yield. A pen of thoroughbred White Wyandotte pullets was a very close second, they having laid an average of fourteen and a half eggs apiece in the month. It is easily seen that the pullets do the bulk of the laying, and the highly satisfactory eggyield is mainly to be credited to them. The 290 pullets laid 3,373 eggs, an average of (practically) eleven and twothirds eggs apiece, while the 9-year-old hens laid but 584 eggs, which is (practically) six and a half eggs apiece, a very striking difference in favor of the pullets. The eggs were sold to the village grocer, whose team took them at the door, and the price has been 40 cents a dozen for almost the entire month; the market value of those December eggs was \$130. It costs about \$1.35 to feed a fowl a year and feed her well, which is 11% cents a month, making the cost of feeding these 380 birds for that month \$42.75, and leaving a net profit of \$87.25; that is a pretty fair return for one month's work, and that the usually dull month of December.

There was no "happen so" about those December eggs; they were planned for by hatching the chickens early in the spring (in April), and then keeping the pullets growing so they came to laying maturity in October. The farmer plans for his big crop of corn, wheat, potatoes, or hay by thoroughly plowing and manuring his land and then carefully cultivating the growing crop, the abundant harvest is planned for and then worked for. It is exactly so with a good harvest of eggs and the profit that comes from them; they are planned for and worked for and "the hens do the rest."

Instruction in Poultry Culture.

The Missouri Agricultural College, located at Columbia, Mo., announces a two-weeks course in poultry farming beginning March 2 and closing March 14, 1903. This will be given by T. E. Orr, of Beaver, Pa., one of the best poultry experts in America, and secretary of the American Poultry Associa-

The work will embrace thorough in-struction in breeding, feeding, judging and general management of poultry for



Cold Blast

Blizzard Lanterns don't grime, smoke or flicker. The cold blast principle—burning the pure, cold air—makes them yield the largest, whitest, steadiest light of any lantern made.

Perfection for Convenience, Absolute in Safety.

They burn 19 hours on one filling. You need never remove the globe to light, trim or extinguish. Convenient side lever raises, lowers and locks to burner when in use. See that your dealer shows you a DIETE when you go to buy. The name onevery one. If it's not there have him send for one or write to us yourself. We will send you our illustrated lantern catalog if you ask for it.

R. E. Dietz Company, 95 Laight St., New York.



POULTRY BREEDERS' DIRECTORY

WHITE Plymouth Rock eggs for hatching, from prize-winners. "econd prize cock Kans. - tate show '03 at head of this year's breeding pen. Eggs, \$1 per sitting of 18. W. L. Bates, 1829 Park Ave., Topeka, Kans.

FOR SALE—Thoroughbred C. I. Game and B. C. B. Leghorn cockerels, \$1 eech. Eggs in season. Mrs. John Holzhey, Bendena, Kans.

FOR SALE-Prize-winning Barred Plymouth Rock cockerels, scored by F. W. Hitchcock, D. A. Kramer, Washington, Kans.

FOUR voung litters high bred, pedigreed, Scotch Collie pups, for sale, Book your orders quick. Wal-nut Grove Farm, Emporia, Kaps.

POULTRY FARM—Breeders of Light Brahmas, Plymouth Rocks and Partridge Cochins, took first second, and third on Light Brahmas; first, second, and third on Partridge Cochins at Fort Sectt show. A few good cockerels for sale Eggs in season, \$1.50 per 15. G. W. Shuman, Fort Scott, Kans, Rural Rauts No. 1.

FOR SALE—Mammoth Bronze turkeys, with large bone, fine shape and plurage; three pens not akin. Address Mrs. T. M. Fleming, Route No. 3, Fontana, Kans.

MRS, E. F. NEY-Breeder of WHITE WYAK-DOTTER Ronner Springs, Kansas. Eggs for hatching, \$1 per setting.

COCKERELS—Indian Games and Black Lang-shans, farm-valsed, price \$1 each, if taken soon, H Baughman, Wymore, Neb.

For Sale: 150 Pure-Bred Light Brahmas

Best birds we have ever offered. Prices are right and our stock is just what you want. Write us just what you want and will quot best prices F. W. DIXON, HOLTON. KANSAS.

SCOTCH TERRIERS—Finest bred in this country. Heather 'rince the champion of Scotland, and sire of Nonegay Foxglove, out of the champion imported Romany Ringlet, best service at our kennels.

G. W. BAILEY & BRO., Beattle, Kans.

HAVE some very fine pedigreed Scotch Collie pups for immediate thirment. Valso have some extra fine B P Rock hens and young cockerels will sell at a bargain if taken soon, as I need the room. Can furnish pairs tries or pens headed by a male no kin to hens or pullets. Can furnish pairs to the no kin to hens or pullets.

W. B. WILLIAMS, Stella, Neb.

SCOTCH COLLIES—Some fine females, from registered stock, for \$4. A. P. Chacey, R. R. 1, North Topeka, Kans.

FOR SALE—Single comb Brown Leghorn cockerels, \$1 each. And Poland-China bred sows and gilts. Write Adam Andrew. Girard, Kans.

THE SMITHS, Manhattan . . . Kans.

Buff Plymouth Rocks, Buff Wyandottes and Brown Leghorns. Fowls one dollar and up. Breeding pens mated. Stock scored by Judge Rhodes. Eggs one dollar per sitting.

SEND FOR CIRCULAR AND SHOW RECORD.

profit and pleasure. Special instruction in handling incubators and brooders and other modern poultry appli-

ances will be given.

The number of students admitted to this course will be limited to one hundred. Those who are planning to take this work should register their names at the earliest possible moment. Full information may be had by addressing Dean H. J. Water, Columbia, Mo.

Deafness Can Not be Cured

by local applications, as they can not reach the diseased portion of the ear. There is only one way to cure Deafness, and that is by constitutional remedies. Deafness is caused by an inflamed condition of the mucous lining of the Eustachian Tube. When this tube gets inflamed you have a rumbling sound or imperfect hearing, and when it is entirely closed Deatness is the result, and unless the inflammation can be taken out and this tube restored to its normal condition, hearing will be destroyed forever; nine cases out of ten are caused by catarrh, which is nothing but an inflamed condition of the mucous surfaces.

We will give One Hundred Dollars for any case of Deafness (caused by catarrh) that can not be cured by Hall's Catarrh Cure. Send for circulars, free.

F. J. CHENEY & CO., Toledo, Ohio. Sold by Druggists, 75c.
Hall's Family Pills are the best.

FOR SALE—S. L. Wyandotte cockerels. Eggs in eason. V. B. Howey, R. R. 5, Topeka, Kans.



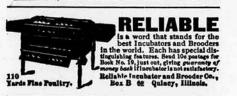
ONE GIRL hatches 1723 chicks. One woman 2496. One man 2632. Many others do equally well with the FERFECTED HATCHING BYSTEM. Beats incubators. Booklet free. F. GRUNDY, Morriscoulle, Ill.

DON'T SET HENS the same old 200 Egg Natural Hen Incubator Costs Hit 28, other class equally allow. Over 125,000 in use. Indispensable to anyone who keeps a hea. Our Patents protocted aquaint infringements. Agents tening and about and 25c Lice Formula FREE if you write today.

MATURAL HEE INCUBATOR CO., Bus, Columbus, Nebraska.









We Pay Freight



Burr I noubaters and Broofers have all the latest improvements—self-regulating, self-ventilating, perfect the sucon site very one succes. No night watching, because it has the fiv-in houble water rgilator. The rty days' trial. Catalogue free. Burr Incubator Co., Box S 23, Omaha.

PER EGG CAPACITY



out, (over so, would use) anyone can operate them, and when it is considered that we pay the freight and that the machines are all larger than rated capacity and are sent on 30 days trial, the egg capacity is the cheapest of any good incubator on the market.

Our Free 1903 Catalogue was made to order for the poultry raisers—poultry and egg record tables, etc. A big book full of good things, Address nearest office.

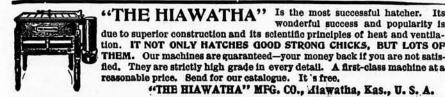
SURE HATCH INCUBATOR COMPANY, Columbus, Ohio. Clay Center, Nebr. Eugene, Ore.



DUFF'S POULTRY

Barred Plymouti Rocks, White Ply-mouth Rocks, Buff Cochins, Partridge Cochins, Light Brahmas, Black Lang shans, Sliver Wyandottes, White Wyan dottes, 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.

A. H DUFF, Larned. Kans



"THE HIAWATHA" Is the most successful hatcher. Its wonderful success and popularity is due to superior construction and its scientific principles of heat and ventila-tion. IT NOT ONLY HATCHES GOOD STRONG CHICKS, BUT LOTS OP THEM. Our machines are guaranteed—your money back if you are not satis-

reasonable price. Send for our catalogue. It's free.
"THE HIAWATHA" MFG. CO., Mawatha, Kas., U. S. A.

SAVE FEED, TIME & MONEY



been making it for 20 years. Do not buy until you see our new Illustrated Catalogue No. 41. Bend for it. It is FREE.

F. C. AUSTIN MFQ. CO., CHICAGO

\$10.00 A Sweep Grinder For \$10.00



Feed Grinders.
All sizes and styles. Write for catalogue and prices.

HANDLING OORN FODDER

MADE BASY By the Use of the Eagle Claw Hand Fodder Fork

THE only tool invented and manufactured that will handle Corn Fodder successfully. Agents make big money. Write for particulars, and secure the agency. Address RANDLEMAN & SONS, Dec Meines. is

THE STANDARD SOLINE ENGINES TEFOR CIRCULAR AMERICAN WELL WORKS RORA.ILL - CHICAGO - DALLAS.TEX



Are You Going to



30 years experience in building flour mills;

all capacities from 25 bbls upward.

Modern system for the economical production of flour. Estimates furnished. Send for catalogue describing modern machinery of

the best type.

We manufacture and carry in stock machines and supplies required for flour mills, corn meal and rye flour plants, engines and boilers.
The best is the cheapest.

THE J. B. EHRSAM @ SONS MFG. CO. General Mill Builders, Enterprise, Kan.

Safe, strong, serviceable, durable, expenseless, cheap in price. A child starts it. Runs itself. Saws, pumps, grinds, separates, runs grind strong chura machine and grind stone, churn, washing and sewing machines. Floor space, 20x40 inches, weight, 1000 lbs. Full three Horse Power. Guaranteed. Let us write you.

CHARLES A. STICKNEY CO., 120 Fairfield St., St. Paul, Minn., US.

\$46.95 "RILYER BUGGY

complete with Genuine Full
Leather Top and Sharts. Cushions
with springs and covered
genuine leather—tan and
Sarven patent wheels—all
hickory. Dust proof long
distance self oiling axles.

Built To Last hickory. Dust proof long distance self oiling axles.

Built To Last and It Does Last.

Silver trimming—dash rails, hub bands, back rail, top prop nuts and seat handles. The price is special. Write for our New Catalogue of Vehicles and Harness. IT is FREE. "Union" Harness is the Harness. IT IS FREE. "Union" Harness is the Best. The quality of our goods is always in the lead. OASH BUYERS UNION, Dept. E64 Chicago, Ill.

When writing to advertisers please mention this paper.

Page Poultry Fence
weighs 10 pounds to the rod-bottom wires only
114 inches apart—and don't cost any more erected
than a slazy netting send for descriptions. PAGE WOVEN WIRE FENCE CO., ADRIAN, MICH.



5,000



fit their requirements exactly. Of course the price had much to do with this. When a farmer can buy the best fence on the market at manufacturer's prices, he finds it agood and safe investment. It's so good you will order the second and third time. Your name and address on a postal card will bring circular and special prices. Have fence ready when you need it.

ADVANCE FENCE CO., 180 C St., Peoria, III.

Strowbridge **Broadcast Sowers**



have always been considered the best

considered the best wherever known. They are greatly improved and better than ever this season. So we werry kind of grain as well as all gr. ss seeds evenly conclude. Plaster, Ashes, Salt, etc. Sow from 5, the per acre. Quantity can be changed while main and the conclusion of the c

Racine Implement Co., Box 21, Racine, Wis.

Money in Corn

Dry or Wet Season If Put In with the "FAMOUS"

..St. Joseph Listers..

for they always acour and plow deep--essential points The St. Joe Scours Where Others Fail



Then before the weeds Disc Cultivators

Twenty acres a day, cleaner than you can hoe it. Write Dept. K for Catalogue. St. Joseph Plow Co.,

St. Joseph, Missouri. STEEL ROOFING



tools you need. We furnish nails free and paint roofing two sides. Comes either flat, corrugated or "V" crimped.

A square means 100 square feet. Write for free Catalogue No. 01 on Farm supplies of every kind.

CHICAGO HOUSE WRECKING CO., W. 35th & Iron Bis., Chicago



ASTHMA TAKEN FROM THE SYSTEM.
Nothing remains which can produce an attack. You can eat, sieep, and stand exrosure without slightest return of symptoms. Appetite improved; blood enriched; nerves strength; ned; whole system buit up; health permsnently restored; life made enjoyable. Book L FREE. Dr. Hayes, Buffalo, N. Y.

LADIES My Regulator never fails. Box FREE. Box FREE. Bloomington, Ill.

BED-WETTING CURED. Sample FREE. DR. MAY, Bloomington, Ill.

A GOOD TIME

To think about your WINDMILL is before you buy it

If you get THE DEMPSTER

You won't have to think about it so much afterwards. Made in 6, 8, 10, 12 and 16 foot sizes. We also make Vaneless and Solid Wheel Mills.

BUILT FOR HARD, HONEST, EVERYDAY WORK, If your dealer is not posted, write us at Beatrice, or Omaha, Neb., Kansas City, Mo., Sloux Falls, S. D. Dempster Mill Mfg. Co.



Any Horseman

of experience knows that there is no Liniment so efficient and absorbent and quick as well in

Sloan's Liniment

It is not a cheap wash but a genuine pain reliever and scientifically curative preparation.

Sold by all Dealers. Horse size, 50c. and \$1 per bottle. Family size, 25c.

The Preston Farming Company.

DANIEL GRISWOLD, PRESIDENT. WM. TOWNSEND, VICE PRESIDENT. O. W. PRESTON SECRETARY. ROBERT N. MARVIN, TREASURER,

Blanchard. North Dakola. sept. 27, 1908

security Stock Food Co.. Mpls., Minn.

Dear Sirs:—

Dear Sirs:—

Your Security Worm Powder for Hogs saved 60 head for me. I had 114

of them when I noticed they were getting off their feed. Then they began to cough and a little later to get weak in hind parts. They got worse all the time and soon began to die. I thought they had cholera but worse all the row mover for Hogs in the store one day I bought some and started giving it at once. Ten of them were so far gone that I couldn't feed them any, but of the rest I only lost six. Three days afterwards the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera, but the pens were alive with Worms, then I knew it was not cholera.

Worms that killed my Hogs. Hereafter I shall try it with a few Hogs every month to see if they are getting bad again. The cost is nothing compared to the loss of even one animal and is the cheapest kind of in—

THE PRESTON FARMING COMPANY,

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 is always assured, because each Blacklegoid (or pill) is exactly sufficient for one inoculation. Administration with our Blacklegoid It jector is easy. The operation need not consume on a minute.

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. - DETRO Branches: New York, Kansas City, Baltimore, New Orleans, Walkerville, Ont.; Montreal, Que.; London, Eng. DETROIT, MICH.

Pasteur Blackleg Vaccine ready for use. EACH DOSE SEPARATE.

Single Blacklegine (for common stock): 10 dose box, \$1.50; 20 dose box, \$2.50; 50 dose box, \$6.00. Double Blacklegine (for choice stock) \$2.00 for 10 doses, first lymph and second lymph inclusive. Blacklegine Outfit for applying Blacklegine, 50 cents.

Pasteur Vaccine Co.,

CHICAGO - NEW YORK - FT. WORTH - SAN FRANCISCO.



KENDALL'S SPAVIN CURE

There is no use taking chances on a lump. You can never tell what it may develop. If you have a supply of "Kendall's" on hand you are safe from Spavin, Ringbone, Splints, Curb and all forms of

Lameness. The U.S. Army knows good things and buys only the best.

Dr. B. J. Kendall Co., Dear Sirs:—I am a teamster employed by the government. I have six mules and six horses under my care, and will say that I keep Kendall's Spavin Cure at hand and have used it with good results, especially on Collar Sorces, Sprained Joints and Kieka, as it is next to impossible to keep mules in close quarters without some of them getting kicked. Yours truly, JAMES H. HENDERSON.

Experience of a Government Teamster.

Wagoner, Ind. Ter., Dec. 21, 1900.

Dr. B. J. Kendall Co., Dear Sirs:—I am a teamster employed by the government. I have six mules and six horses under my care, and will say that I keep Kendall's Spavin Cure at hand and have used it with good results, especially on Collar

DR. B. J. KENDALL CO. Enosburg Falls, Vt.

Oregon Farms. good schools, pure water, low prices.

If you are going west, write for my list of wheat, grazing, dairy, fruit, and timber lands. Fertile soil, mild climate, N. T. CONKLIN, Pendleton, Oregon.

THE MARKETS.

Kansas City Live Stock and Grain Markets.

Kansas City Live Stock and Grain Markets.

Kansas City, Mo., February 15, 1903. Hogs sold at the best mark of the season to-day, a load belonging to J. H. Thompson, of Clay Center, Kans., bringing \$7.17.2.

Hogs went over the \$7 mark with a rush last week, tops selling here on Saturday for \$7.07½. Last week swine sold up to \$1, and it was feared a reaction would set in. Buyers tried hard to bring it about, but light receipts proved too much for them and the sellers came out ahead. C. M. Isom, of Bellaire, Kans., marketed the \$7.07½ hogs. The general market advanced 5600c during the week and quit at the high point. At the close the bulk of sales ranged from \$6.8067. Light hogs were good sale at \$5.5066.75, and pigs brought \$666.25. Meagre receipts at all the markets are alone responsible for the strength of the swine market. Low cattle should have a bearish effect on swine but receipts are so restricted packers have absolutely no chance to bear the pork market. Receipts at Kansas City last week amounted to only 37,900 head, compared with 77,100 head the same time last year. Five markets had only 347,000 swine against 560,000 the corresponding days last year. Fork packing in the West shows a shortage of 2,000,000 swine this winter when compared with a year ago. These figures explain the anxiety of the packers to secure swine even at high prices.

The cattle market the past week was the worst of the season and that is saying a great deal. Receipts were heavy in both the East and the West. At Kansas City, the top for the week was \$5.25, secured by D. A. Warren, of Centerville, Kans, for a drove of 1,564-pound beeves. Good killing steers sold at a range of \$4.1065 with the bulk of the sales around \$4.5064.60. The close was 15625c lower with fancy heavy beeves the worst sufferers. Reduced supplies alone will hold the market steady during the coming two or three weeks. The consumptive demand is excellent and the beef market is healthy but the supply is too large to sustain prices. It looks like feeders will have to sw

34.75.

The horse market was active but not quotably higher. Receipts ranged around 2,000 head, the bulk of which consisted of mules. The demand for farm horses is expected to augment from now on. Good farm mares are selling at \$85 to \$125. Governor Longino of Mississippi, bought 225 mules here last week for the penitentiary plantation on the Sunfower River in Mississippi. Traders think mules are selling about as high now as they will go this season, particularly 14 to 15 hand stock and advise countrymen to ship in the mules of this description they now have on hand.

mules of this description they now have on hand.

Eggs were on the toboggan last week, declining about 3c per dozen. The break since amonth ago now amounts to 607c per dozen. Heavy receipts account for the weakness in the market. Traders estimate the February supply of eggs at Kansas City in the neighborhood of 20,000 cases, compared with 6,500 cases the same time last year. If receipts do not ease up it looks there will be a low egg market this spring. Eggs are now worth 12½013c. Poultry held nearly steady all week. Hens are quoted at 10c; springs 11½c; roosters 20025c; turkey hens 13c; turkey gobblers 12c; ducks 11c; geese 8c. Considering the low price of beef poultry prices are relatively high.

Grain changed but little during the week. Prices averaged a little weaker, however, and wheat and corn closed from ½0½c lower. No. 2 wheat at Kansas City is worth 67@71c; No. 4, 60@64c; No. 2 corn 38¾04ic; No. 4, 6771c; No. 4, 58240c No. 2 oats 34@36c; No. 4, 33@34c; tame hay \$7.50@13; alfalfa \$\$@12; prairie \$4.50@8.

South St. Joseph Live Stock Markets.

South St. Joseph Live Stock Markets.

South St. Joseph, Mo., February 16, 1903.

The general, cattle market suffered a decline of 15\(^{0}25c\), the half to two-thirds fat grades, which made up a heavy proportion of the offerings, selling at the extreme figure. The demand was good at the lower range of prices. Cows and helfers were in good request at 15\(^{0}25c\) lower prices. Owing to the liberal supplies and the large number of cattle now in the yards, the stocker and feeder market showed a loss of 15\(^{0}30c\), the heavier feeders showing the most decline.

The strong demand from all the packers continues unabated although local supplies continue comparatively good with other points and values here continue to rule higher than at competitive points. The quality was generally good, but the average weight was the lightest for several months. The market today ruled 10\(^{0}15c\) higher, with the Furry hogs from Franklin. Neb., averaging only 255 pounds and selling at the top, which was \$7.20. Prices ranged from \$5.35\(^{0}7.05\). Pigs continue in light supply and strong demand, with a range of values from \$5.75\(^{0}6.60\), according to quality.

The high point of the season for Colorado lambs was reached to-day, when the Strachan lambs from Fort Collins sold at \$6.60\, or 15c lower than a year ago to-day. The Knoll'n lambs, from Nickerson, Kans.. brought \$8.45\). Receipts last week were liberal as compared with other points, but the demand was in excess of the good fat grades, and the week closed up strong to 10c higher on these and not quotably changed on others. Last week best Colorado lambs sold at \$6.35\(^{0}6.0\) Colorado lombs sold at \$5.55\(^{0}6.0\) and colorado wethers mixed from the same feed-lots at \$5.67\(^{0}6.0\) colorado wethers sold at \$5.55\(^{0}6.0\) and best native ewes at \$4.50\).

Lawrence Seed Markets.

Lawrence, Kans., February 16, 1903.
We give you today's buying prices in
our market. Outside prices are for best
Red clover
Alfalfa 8.00@11.00

grade:		
Red clover	9.00@	11.00
Alfalfa	8.00@	11.00
Timothy	8.00@	3.25
English blue-grass	2.50@	3.50
Millet	.75@	1 00
Cane-seed	.60@	.75
Kaffir-corn	.50@	.52

F. BARTELDES & CO.

PATENTS Obtained. Low Fees, Easy Payments, Free Advice William F. Hall, 1008 F. St., Wash, D. C.

Special Mant 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. In-itials or a numcer counted as one word. Cash with the order. It will pay. Try it.

CATTLE.

FOR SALE—Bulls at farmers' prices, cows and helfers cneap, to reduce herd. Twelve registered Angus bulls from 10 to 22 months old; also my herd bull—or would exchange. Cows and helfers bred, some with calves by side. These cattle are not overfed, but in good breeding condition. A. L. Wynkoop, Bendena, Kans.

REGISTERED Hereford bulls, cows, and helfers for sale. Come and see them. Will make prices right. H. B. Clark, Geneseo, Kans.

FOR SALE, CHEAP—A No. 1 Galloway bull, reg-istered, coming 2 years old, in good flesh, is good enough for a herd header and chesp enough for the range. Thos. Gribben, Hope, Kans,

BOTTOW OUT OF PRICES—Shorthorn bull and helier calv s. red with white marks, or roans, at \$50, net, the get of British Lion. D. P. Norton, Dunlap, Kans.

FOR SALE—10 head of registered Hereford bulls, 6 to 20 months old, good in ividuals, and in good condition. Visit rs met at trains if notified. Farm 20 miles southwest of Wichita. A. Johnson, R. F. D. 2, Clearwater, Kans

FORSALE—A few choice young Angus buils at right prices. Address J. E. Long, Rock Creek, Kas.

FOR SALE—A choice nerd of registered Hol-steins. Six helters coming 3 years old, and one yearling helter from first prize cow. A 2 year-old first prize buil from M. E. Moore's unbeaten 1901 show herd. E. W. Meiville, Eudora, Kans.

FOR SALE—My nerd bull, Baron Knight 124948, 4 years old, dark red, weight 2,200 pounds, got by Gallant Knight 124468; also three Scotch-topped bulls, 14 months old, and a few cows with calves by side. J. P. Engel, Aldan, Kans.

FOR SALE—A few choice Shorthorn heifers and young bulls. M. C. Hemenway, Hope, Kans.

FOR 5ALE—Ten young Hereford bulls from the Evergreen Farm herd, headed by Lee 121222. Ad-dress Pearl I. Gill, Great Send. Kans.

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

FIVE HEREFORD BULLS FOR SALE—Never used in a herd, they are in fine fix, at a bargain for cowmen, O. L. Thistler. Chapman, Kans.

FOR SALE—Six good Shorthorn bulls, four of them straignt Crui.k-hanks; prices reasonable; now is your coance to get a good individual. H. W. Mc-Afee, Topeka, Kansas.

SEEDS AND PLANTS.

STRAWBERRY PIANT -- W0.000 strong, there oughly unitwated, many eading varieties, Also horse read in youte for plan ing. Ask for prices. J. Bales, R. R. 2, Lawrence, Kans.

MEXICAN JUNE CORN—The only corn that made a crop in Central Texas last year. Planted first week in July, made 45 bushels per acre. Other corn planted at same time made nothing. Each s alk has from 1 to 3 large ears With late summer or fall rains it never falls. Write for prices to farmers. Address F. O. Porter, Lott, Texas.

FOR SALE—Golden Yellow; opcorn, very productive excellent for popping, very tender, Packet, 6 cents; 7 pounds, 50 cents, J. P. Overlanuer, Highland, Kans.

200,000 Johnson's Early and August Luther stra berry plants for sale. Write me what you want and see what I can do for you. E. M. Wheeler, Jeffer

WANTED—Sweet corn wanted. Will pay a good price. Correspond with us. F. Barteldes & Co. Lawrence, Kans.

FOR SALE—300 bushels of sorghum seed. Brook-over Bros. Eureka, Kans.

HONEY LO U-1 "-300 000 plants sorted in two sizes—\$3 50 and \$2 75 per 1,000, 12 to 24 inches. The onl: tree for middle and western Kansas, J. E. Mellecker, Spearville, Kans,

SEND FOR price list of strawberry, raspberry, and blackberry plants to Wm. Brown & Sons, Law-reace, K. ns., R. F. D. 9.

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

FARMS AND RANCHES.

FOR SALE—Improved farms and ranches in south central Kansas; write for descriptions and prices and tell us what kind of a place you wish to buy. Bodkin, Churchiil & Co., Wichita, Kans.

FOR SALE—An extra fine German Coach stallion and two black jacks. Address Al E. Smith, R. R. 1, Lawrence, Kans.

A SNAP—320 acre farm, 180 acres bottom, unfailing water, some timber, extra good corn, wheat, or alfalfa land. Price \$5,000 if sold soon. Other extra good bargains in farm, ranch, and pasture lands. Garrison & Studebaker, Florence Kans.

J. M. YOAKEM & SONS have a number of chean farms and pasture lands to sell on small payments it sold before March 10. Possession at once. Write us at Homestead, Kans.

FOR SALE—A well improved stock and wheat farm of 460 acres, at \$7.50 per acre. Address J. D. Hayes, Colby, Kans.

320-ACRE FARM—with fair improvements, goo orchard and water. Price \$4,500; in parments, \$8 cash, balance six per cent interest; possession ar time. John G. Howard, Emporia, Kans.

FOR RENT OR SALE—Two sections of good pasture land well watered and well fenced, six miles north of Ogallah, Trego County, Kans. Skimming station at Ogallah. For particulars address, W. J. Rogers, Clyde, Kans.

FOR SALE—Farms and ranches in central and western Kansas. We have some great bargains in western ranches. Write us. R. F. Meek, Hutchin-

FOR SALE—320 acres fine pasture land in Wa-baunsee County, 2 miles from Halifax, good grass and never-failing water. H. R. Rice, Tecumseh, Kans.

\$20 4 WEEK Straight salary and expenses to men with rig to introduce our Poultry Mixture in Equative year's comparate worker, way. As Action Medical Will Samuel Medical Mixture 1119, Springseld; Ili

HORSES AND MULES.

SHIRE STALLION FOR SALE—Newton Echo 4554, dark bay, black points, blocky, a good breeder and a sure foal-getter. Ben Lomond (17155..black, 6 years old, imported, sired by Dunsmore Bounding Willow (18013, dam Priory Flower, sired by the famous Lincolnshire Lad 2d (1855), who was also the sire of Harold (3703), conceded to be the best Shire in his day, in England. James Auld, Alida, Geary Co., Kans.

FOR SALE—One black imported Shire, a No. 1 sire of draft horses; 1 brown high-grade Peacheron, 3 years old, both sound and sure i reeders. Your holice 4850, if sold soon. Lewis J. Cox, Concordia, Kans.

ON ACCOUNT of leaving the State, I offer for sale my high-grade Per-heron stallion, coming 4 years old; dark bay, weighs now over 1,500 pounds; will at maturity weigh 1,800 pounds; has proved sure. G. W. Southwick, Riley, Kans.

FOR SALE—One-half to seven-eighths Percheons, studs and filles, I to 4 years old, same weight, 000 pounds at 1 year old, dark colors, blg bone; can urnish car-load. F H. Foster, R. R. 6, Lyons, Kans

FOR SALE—A high-grade black Percheron stall-ion, coming 3 years old this spring. This colt is large and smooth and has good bone, weighs nearly 1,500 pounds. R. E. Casad, Ocheltree, Kans. FOR SALE OR TRADE -For a good black Percheron stallion, a Cleveland Bay coach stallion, mare, filley, and stud colt, all registered. S. S. Morine, McPherson, Kans.

FOR SALE—One 3-year-old good, coal black, high-grade Belgium stallion, heavy bone and good style, weight about 1,400 pounds. Write the owner, Tom R. Deuchfield, Eureka, Kans.

FOR SALE OR TRADE—Full bood draft stall-ion (Percheron), 5 years o d grandson of Brilliant. Not registered. E. E. Edgerton, & hite City, & aus.

FOR SALE OR TRADE—One imported French Coach Stallion, dark brown, weighs 1,400 pounds, good breeder; will trade for jack or road stallion. Can show coits from horse. H. J. Stevens, Welling-ton, Kans.

STALLION FOR SALE—Black, 5 years, standard-bred and registered, 1200 prunds, sound, gentle, city-broken single or double, sure foal getter. Traces to Hazabletonian 10, only three degres removed, through both sire and dam. Untrained but speedy. A rare chance to get a choice stallion that will pay for himself the first season. W. A. McCarter, To-peka, Kans.

FOR SALE—Two registered Percheron stallions, 4 years old, weight 1950 pounds; won second prise at Hutchinson. C. Spohr, Rome, Kans.

LEAVENWORTH CO. JACK FARM—34 head of lacks and jennets on hand. O. T. Corson, Potter, Kans.

FOR SALE—Seven jacks, three stallions. For further information call on or address F. W. Poos, Potter, Atchison County, Kansas. Barn three blocks north of depot.

FOR SALE OR TRADE—One of the largest and best Catilonian jacvs in Kansas, black, with mealy points; 2 years old Oct 30, 1901. Would prefer to turn him for registered English Red Polled cattle. Address L. Box 53, Sterling, Kans.

PROSPECT FARM - CLYDESDALE STAL-LIONS, SHORTHORN CATTLE and FOLAND-OHINA HOGS. Write for prices of finest animals in Kansas. H. W. McAfee, Topeka, Kansas.

FOR SALE—Large English Berkshires—boars and gilts, registered. A. M. Ross, Cedarvale, Kans.

WASHINGTON LAD—The greatest and best Poland-China I have ever owned. Some choice glits stred by him now safe in pig; for sale, price \$20 \$25 each, bred to peer of this great sire. Spring and summer males all sold. M. F. Tatman, Kaw Valley Herd Poland-Chinas, Rossville. Kans.

FOR SALE—Berkshire boars by son of Imported Commander and King Blossom; also bred gilts. O. P. Updegraff, Topeka, Kans.

MISCELLANEOUS.

BLOOD HOUNDS—Pups and grown dogs, best bred, iness scented trail anything anywhere Prices rea-onable. S. J. Van Raub, San Antonio, Texas.

WANTED—Reliable hand to work on farm by the year; good position for right man. Address lock box 77, Tampa, Kans.

STEADY situation wanted by single man on stock farm. Six years' experience Recommendations furnished. G. H. Williams, R. R. 2, Lawrence, Kas

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

POULTRY.

MR. & MRS. OBR'S. BEARMAN, R. F. D. 3. Otta-wa, Ka sas, are new booking orders for eggs fr m their priz -winning Barred and White Prymouth Bo.ks. Buy eggs of them and be a pleased customer.

FOR SALE—M. B. yearling tom, scores 96%, weight 33 too.nds, price \$8. Mrs. J. W. Holsinger, Cot. onwood Falls, Kans.

CORNISH INDIAN GAMES, scoring 93, from prize-winning stock. Mrs. J. C. Strong, Moran, Kans

FOR SALE—Fine Barred P ymouth Rock eggs, \$1. for 15, \$1.75 for 30, \$5 for 100 Mrs. Geo. Manville, Agency, Mo.

PATENTS.

A. ROSEN, Patent Attorney. 418 Kansas Avenue, Topeka, Kansas,

Closing Out-For Sale

The Best Bred and Best Individual

Sela Boy 18134.

Black stallion, 15½ hands, standard and registered, il years old, sound and sure, heavy bone and muscle, very fast, level headed, kind dispos tion, a beauty in harness or out. Sired by Sealskin Wilkes sire of Bessie Wilkes 2.24. Emolita 2.24½—the greatest show mare in America, dam by Mambrino Patchen by Brown's Bellfounder, son of imported Bellfounder. Price \$500, if sold before April 1:

E. A. SMITH,

Norwand Stock Parm; Lawretten; Mannan

The Stray List.

Week Ending February 5.

Jackson County-T. C. McConnell, flerk. COW—Taken up by W. E. Doug'ass, in Garfield tp., one Western cow, black Jersey color, some white in face, branded H on right hip and 71 on left hip. Also taken up by same—one red steer, white spot in forehead, white under belly, tip of tall white, 3 years old, silt in both ears, may be holes torn out, has an old brand on left hip; not plain.

Week Ending February 12.

Wabaunsee County-Simeon C. + mith; Clerk. MARE—Taken up by N. F. Rogge, in Newbury tp., January 10, 19 3, one black mare, 5 y ars old, 15 hands high, branded M on left fore leg, weight 800 pounds; valued at \$15.

Osage County-Chas. F. Hobbs, Clerk. STEER—Taken up by D. N. Jones in Arvonia tp. (P. O. Lebo). December 20, 1902, one black 3-year-old steer, branded X on left bip; valued at \$20.

Wallace County-O. N. Thorene, (lerk. STEER—T-ken up by J. W. Bouslog. (P. O. Sharon Springs). January 5 1903, one black steer, branded with a T; valued at \$18.

Week Ending February 19.

Bourbon Coun y-Lydia Barton, Clerk. STEER—Taken p by F. M. Wax, one-quarter mile south of Rockford, one large ed vearling steer, with star in head and left hip higher than right.

Rush County-W. J. Hayes, Clerk. STEER—Taken up by S A. Renner, 7 miles south and three miles east of Rush Center, December—, 1992, one red steer with white spots, about 2 years old, weight about 900 pounds; valued at \$35.

FARMERS

who wish to better their conditions are advised to write for a descriptive pamphlet and map of Mary and, which is being sent out free of charge by

THE STATE BUREAU OF IMMIGRATION OF MARYLAND. Address Mr. H. Badenhoop. Secretary,

Merchants Nat'l Bank Bldg., Heltimo e, Md.

Farms and Ranches.

We have in contral and western Kansas, all kinds of farm and ranch property, large and small, improved and unimproved, for sale. In many cases we can make a desirable exchange, State what you have for sale or what you wish to buy, abd we can accommodate almost any kind of a realty deal. Write for our list of bargains. All correspondence will receive our prompt attention. Address

E. C PREBLE LOAN CO. CUBA, REPUBLIC COUNTY, KANSAS.

S.G. CARTER GENERAL AGENT

REAL ESTATE AND LIVE STOCK

Miami, Texas. If you want to buy feeders or any kind of cattle or a farm or ranch in Texas. see or write to me. No trouble to answer questions. References: Emporia, Kass.; First National Bank, Emporia, Kass.; First National Bank Amarille, Texas; Lee & Co., Bankers, Miami, Texas

WASHINGTON.

I have lived in Witti as County, Washington, continuously for 18 years. Send me a locent coin and a 2-cent stamp, and I will tell you why I thick it the best place in the United States for a dairy farm.

James H. Ends'ey, Ellensburg, Wash

MEN OF ENERGY can secure profitable employ ment selling the famous Wass-Tusa and Ner-Vena Sellye's Extracts, Perfumery, and stock remedies. Security bond. Teem and medicine wagon needed to take up the work. Long time contracts written to hust ers. If interested write to Dr. A. B Seelye Medicine Co.. Abiler e, Kans.

NEW OXFORD BALL BEARING CREAM SEPARATOR The latest and best pro-The latest and best production in Creem Separators, They skim clean, are easy to wash, run easy, simple in construction, neat in appearance. The most du able machine on the market.

Before you buy a Separator, see the New Oxford, or end for our Catalogue No. 187.

No. 187 World Cresm Separator Co

COUNCIL BLUFFS, IA. Office and Factory, 41-47 North Main Street.

OTHUDIN

With Soothing Balmy Oils



MR. M. YANT, OF CRETE, NEB. No need of cutting off a woman's breast or a man's cheek or nose in a vain attempt to cure cancer. No use of applying burning plasters to the flesh or torturing those already weak from suffering. Thousands of persons successfully treated by this mild method. Cancer tumor, catarrh, ugly ulcers, piles, fiscula, and all skin and blood disease. Write to-day for free illustrated book.

ams' Horses

Are sensations to his buvers, his low prices are "warm propositions" to his competitors. Iams will show you MORE stallions of bis size, quality, and finish than ALL IMPORTERS IN NEBASKA, a d herses you will wish to buy or pay four fare to see him—you the judge. If you will pay cash or give bankable note, you will sure buy a stallion of IAMS—In October, 1903, he imported 63 black and bay stallions, they can not be duplicated in any importing barn in the United States for the number, for big size, quality, finish, royal breeding and bargain prices. They are all

TOP NOTCHERS.

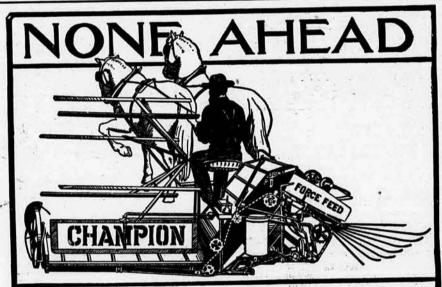
Visitors and buyers throng his barn and say: Hello, Bill! I'm from Illi ols; I'm Iky from M'ssouri; Iama has the good ones; he shows us horses better than he advertises. See that 1,900-1b.
2-year-old "a hummer." I bought him at \$1,200. Couldn't duplicate him in Illinois, Obio, or Iowa at
\$2,00. See that 2,150-1b. 3-year-old, "a ripper" Say, Ik; see the esx black 2.3 0-1b. 4-year-olds
h is howing to those Ohlo men. They are the BEST I EVER Saw Say, boys! look at this
5,100-1b. pair of beau ies; they are worth going from Ms ne to Ca ifornia to see (better than the pic5,100-1b. pair of beau ies; they are worth going from Ms ne to Ca ifornia to see (better than the pictures). Say, Iky, you coundn't go wrong here. They are all "cracker jacks." If you open your mouth
and your pocketoooks you will do business. Iams sell them. He has on hand imported and homebred.

117-Black Percherons, Belgians, and Coachers-117

2 to 6 years old, weight 1,600 to 2,500 lbs, all "approved and stamped by the European government, 95 per cent blacks. 50 er c nt TON HORNES. Iams speaks French and German buys direct from the breeders, PAYS NO INTERPRETERS, NO BUYERS, NO SALESMEN, HAS NO TWO TO TEN MEN AS PARTNERS TO SHARE PROFITS WITH; his buyers get middleman's profits. These six facts and siz 21 years of successful busin, as at St. Paul makes him soll irrst class stallion at 50 cents on the dolur, and saves his buyers from 85 to 51,000 on each stallion. FARMERS: Form your own stock company, who pay slick salesmen \$2,500 to \$3,000 for third rate ats ilon when ou can buy a better one of Iams at \$1,000 to Have A COMPANY FORMED BY SALESMEN; lams pays horses' freight and h s buyers' fare Write for filest horse catalogue in United States, showing 40 il ustrati ns of six ornes. It is an eyeopener. References, St. Paul State bank, First State bank and Citiz ns National bank. Barns in town.

ST. PAUL, HOWARD CO., NEB.

ON U. P. and B. &. M. RYS.



THERE is no binder ahead of the Champion for strength and durability, besides it has valuable I HERE is no binder ahead of the Champion for strength and durability, besides it has valuable improvements which greatly increase its capacity for handling difficult conditions of grain, and are useful in the usual and ordinary c nditions. The most important is the force feed elevator which delivers the grain positively but gent'y to the packing arms where it is made into bundles, and choking in the elevator and waste of grain are prevented. Next is the eccentric power-giving wheel on the binding attachment which gives the needle an increase in power of 162-3 per cent over the common wheel, and negurity the Champion to hind large and tight hundles in the heaviest grain without tark or wheel, and permits the Champion to bind large and tight bundles in the heaviest grain without jerk or strain on the machine or on the team. Write for catalog describing these and other practical imp ments on the Champion binder, also on the Champion mowers and Champion hay rakes. Handsome colored calendar sent free also if requested

CHAMPION DIVISION, INTERNATIONAL HARVESTER COMPANY OF AMERICA, CHICAGO.



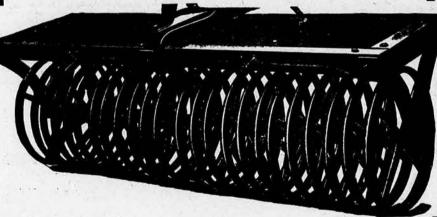
and the names and addresses of ten good farmers for a year's sub-Send 15 cts. to the FARMER'S CALL QUINCY, 1880. FARMER'S CALL QUINCY, 1880.

20 or more pages weekly. Est. 1880. Complete in all departments, including Women's and Children's. JOHN M. STAHL, Ed. and Prop. This offer good for new subscribers only. Stamps taken. Sample copy free.

Drouth Defier

The Topeka Foundry Packer

has more humps than the "Campbell," and can pack both the surface and the sub-surface.



Patent applied for.

Nothing better for putting the ground in fine condition

for seed-bed.

Write for Prices and Circulars.

Topeka Foundry, Topeka, Kansas.



WABASH ROUTE

BETWEEN

Kansas City and the East

5 DAILY TRAINS 5 Kansas City to St. Louis.

"Follow the Fieg " UNSURPASSED SERVICE. SMOOTH TRACK, FAST TIME. Wabash trains run directly through the World's Fair Grounds, St. Louis, in full view of all the magnificent buildings. The only line that does it. Ask your ticket agent, for tickets over the Wabash. H. C. SHIELDS, Trav. Pass. Agt. L. S. McCLELLAN, Western Pass. Agt.

Immune Hogs

The pigs are born Cholera-proof.

Innoculation before birth the most scientific and best hit ever made in preventing Hop Cholers. Write for free book and agency.

ROBERT RIDGWAY, Box 300, AMBOY, IND.



A contive and thorough cure easily accomplished. Latest scientific treatment, inexpensive and harmless. NO CUME, NO PAY. Our method fully explayed on receiptef postal.

Chas. E. Bartlett, Columbus, Kans.

REE CELEBRATED CREAM SEPARATOR Automatic; SAVES \$20 per cow each year. Cheapest and Best. \$9 to \$18 Weekly for you, your boy or girl at home. \$40 Gold Watch Premium Additional.

CHECK EVERY MONDAY for previous week. If you really want to earn money, write, sending nearest freight office.

Harris-Goar Mg, Co., 606 Wyandotte St., Kansas City, Mo.

CRONK'S Improved Staple Puller

13 AT THE FRONT. Ask your dealer to show it. Three wire cutters, two hammers, two splicing clamps—all in one tool. A Staple Puller th t will pull st.p.es when no other make will. A cutter that will react wire when the button cutter will not. One day's use will save the cost of it. Si. postage paid CRONA & CARRIER MFG. CO., Elmira, N. V.

GREEN MOUNTAIN FALLS, COLORADO

1,800,000 Shares. 600,000 Treasury Reserve. Full Paid and Non-Assessable.

OFFICERS: C. C. Hirons, President; J. W. Thurston, Vice President; R. W. Squires, Secretary and Treasurer.

DIRECTORS: J. W. Thurston, Topeka, Kansas, Cashier Bank of Topeka; Hon. A. L. Williams, Topeka, Kansas, ex-Attorney General of Kansas and for twenty years at the head of the law department of the Union Pacific railroad; Prof. W. M. Davidson, Topeka, Kans., Superintendent of the City Schools of Topeka, and Treasurer National Educational Association; E. M. Purdy, Colorado Springs, Colo.; R. W. Squires, Green Mountain Falls, Colo.;

O. P. Hirons, Green Mountain Falls, Colo; C. C. Hirons, Green Mountain Falls, Colo. The Company's property consists of about 60 acres of land in the highly mineralized territory on the northerly slopes of Pike's Peak and is fifteen miles from the city of Colorado Springs. Seven veins of gold-bearing rock cross this property and croppings of ore at the surface show excellent gold values. In the Cripple Creek District the best ores are first encountered at a depth of from 200 feet to 600 feet.

The Gold Standard shaft is now 290 feet deep, and the work is being pushed day and night. Some very rich samples are being found daily and the Superintendent of the mine has confidence in his ability to make the mine a dividend payer in less than three months. When that desirable condition

Superintendent of the mine has confidence in his ability to make the mine a dividend payer in less than three months. When that desirable condition is realized the stock will easily be worth \$1 a share and perhaps, eventually, many times that amount.

In September last, a fine steam hoisting plant was purchased and installed. At the same time a large corrugated iron shaft house was built, besides many small improvements, too numerous to mention. All of these improvements have been paid for and the company have money in the treasury. In making these improvements the strictest economy has been observed. No member of the company draws a cent of salary, although both its ury. In making these improvements the strictest economy has been observed. No member of the company draws a cent of salary, although both its president and Secretary have devoted their entire time to the Company affairs since becoming a corporate institution. It is improbable that a large amount of stock will have to be sold before the mine is in a paying condition, and the opportunity to get in on the ground floor will be limited to a short time. The stock is now selling at 30 cents per share, regardless of the amount taken. The purchase of a few hundred or a few thousand shares right now will be sure to prove a wise investment and will yield quick returns. No certificate will be issued for less than fitty shares.

Remit by draft or P. O. money order, when practicable. THE GOLD STANDARD MINING CO., Green Mountain Falls, Colo

Breeders' Directory

DUROC-JERSEY SWINE.

D. TROTT ABILENE, KAS., famous Du roc-Jerseys, Poland-Chinas

Registered Stock, DUROC-JERSEVS, contains N. B. SAWYER, CHERRYVALE, KANSAS.

BAILEY BROS. & CO., BEATTIE, KAS. For Sale,
Famous Pedigreed Duroc-Jersey Swine. Registered Scotch Terrier d. gs. Fine, young stock 6
months old Nosegay Foxglove atstud. Correspondence solicited.

M. H. ALBERTY, - - Cherokee, Kansas. DUROC-JERSEYS.

Choice bred gilts and serviceable males.

MAPLE AVENUE HERD DUROC-JERSFYS. Farm 2 miles west of city on Maple Ave.

J. U. HOWE, Wichita, Kansas

FAIRVIEW HERD DUROC-JERSEYS Watch for our Brood Sow Sale in February. J. B. DAVIS, FAIRVIEW, BROWN Co., KANSAS.

DUROC-JERSEDYS.

Duroc-Jerseys For Sale—Cholce July, Aug., an Sept. pigs for sale, both sexes. Prices reasonable. Newton Bros., Whiting, Kans.

WALNUT HILL HERD DUROC-JERSEY SWINE.

H. A. J. COPPINS, County Clerk, Eldorado, Kans. Stock of both sexes for sale.

Duroc-Jerseys For Sale 16 choice, vigorous males of spring farrow, and 25 head of extra good glits, either bred or open; best of breeding. Come and see them, or write your wants. Prices reasonable. J. F. CHANDLER, Frankfort, Kas

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

Duroc-Jerseys. Grade Hereford Meifers. I have for sal- a few open glits and some fine young boars old enough for service. Also 90 nead of choice high-grade H reford helfers bred to registered Hereford bulls. Write mayour wants. T. F. ZIEGLER, La Harpe, Kans.

Imhauser & Co.'s Long and Large Boned Duroc-Jersey Hogs.

Haves me choice fall pixs for sale. If you are looking for something good, write for prices, etc. Also cultivators of Ginseng-greatest money-making plant grown.

J. E. IMHAUSER & CO.,
R. F. D. No. 4, SEDALIA, Mo.

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 8308. Young stock for sale in season. PETER BLOCHER, Richland, Shawnee Co., Kans.

Golden Rod Herd Prize-winning

Duroc-Jerseys VAN'S PERFECTION 11571, sweepstakes boar at all State Fairs of 1902, at head. Everything reserved for my great bred sow sale, February 19, 1903.

GILBERT VAN PATTEN, Sutton, Neb.

POLAND-CHINA SWINE.

Dietrich & Spaulding, Richmond, Kas. For Sale-Choice bred POLAND-CHINA GILTS safe in pig to our great herd boars. Also extra good fall pigs, boars, and gilts.

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, KANS

Shady Lane Stock Farm

HARRY E. LUNT, Proprietor, Burden, Cowley Co., Kans. A few choicely bred Poland-China Boars for sale, some choice open gilts and bred sows

SHADY BROOK STOOK 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, Kans.

THOROUGHBRED Poland-China Hous

Special price for next 20 days on 10 bred gilts, to farrow in April and May; they weigh from 200 to 275 pounds, and must of them are bred to Black Perfection 27182, the best breeder I ever owned. Also 20 fall pigs, and 4 boars large enough for service. 100 nead to herd. Write for anything you want in Poland-

POLAND-CHINA SWINE

FOR SALE Poland-China Hegs, Holeither sex. Best strains represented. H. N. HOLD-ERMAN, Rural Route No. 2, Girard Kansas.

Elmdale Herd of High-Class *POLAND-CHINAS*

Shawnee Chief 28502 at head of herd. Some choice bred gilts only for sale bred to a Perfection boar. W. L. REID, Prop., R. R. 1, North Topeka, Kas.

..Oak Grove Herd.. OF PURE-BRED

Poland-Chinas

For Sale — A few choice Boars and 50 Gilts, some bred for early spring farrow. Write, or

GUS AARON, R. F. D. 5, Leavenworth, Kans

Providence Farm Poland-Chinas.

Correct by Corrector, Perfection Ch ef 2d by Chief Perfection 2d, Jewell's Silver C fef, and Kron Prinz Wilhelm, herd boars. Up-to-date breeding, feeding qualities, and large, even litters in this herd. Young

One mile southwest of Ottawa, Kans.

Maadowbrook Poland-Chinas

Herd boars; American Royal and choice goods for sale. Bred sows and gilts. Also two boars by Corrected. Quality and prices are right. Call, or address

J. R. Killough & Sons, AWATTO KANSAS.

PEOAN HERD OF Poland-Chinas.

Our boars of serviceable age are all sold, but we have a number of good ones of September and Oc'ober farrow; al-o a fine lot of bred gilts, sired by Model Tecumbeh 64133, J. L.'s Best 70655, and U. S. Wilkes 25821.

J. N. WOODS & SON,

Ottawa, Kansas

CHOICEST STRAINS ...OF....

POLAND-CHINA HOGS

400 head in herd. Fashionably bred sows and gilts bred to Broad Guage Chief 25733, first prize winner International Show, 1900, and Simply O. K. 24290, first prize winner Missouri State Fair 1901. 200 winter and spring pigs in special offer. Bargains in registered Stalions and Mammoth Jacks. Also SHORTHORN and POLLED DURHAM CATTLE.

SNYDER BROS., WINFIELD, KANS

CHESTER WHITE SWINE.



D. L. Button, M. Topeka, Kans BREEDER OF Improved Chester Whites Stock For Sale.
Farm is 2 miles northwest of Reform School.

The Crescent Herd O. I. C. WHITE (

The World's Best Swine Some choice spring boars ready for service, and Glits bred, for sale. This stock is O. K. and can not be excelled for the money. Every proposition.

JOHN W. ROAT & CO., CENTRAL CITY, NEBRASKA.

BERKSHIRE SWINE.

Large English Berkshires

Only a few bred gills for sale, and limited number of fall pigs. Write soon, or come and see them. Manwaring Bros., R. R. 1, Lawrence, Kans.

Telept one 222-2. Knollwood Farm Herd

LUE BLOODED IG BONED ROAD BACKED ERKSHIRES...

Young stock of all ages and both sexes, and bred sows for sale.

E. W. MELVILLE, EUDORA, KANSAS.

EAST LYNN HERD OF LARGE ENGLISH BERKSHIRES

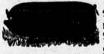
Herd headed by Premier 4th 55577 assisted by Rutger Judge 2d 61106.

ONLY THE BEST. Imp. Lady Elma 4th 4466s, the highest priced Berkshire ever sold in Kansas City, is in our herd and there are others like her. Inspection invited six days in the week.

WILL H. RHODES,
Tampa, Marion Co., Kans. BERKSHIRE SWINE.

Fall Berkshire Boars

FOR SALE, QUICK, AT A REASONABLE PRICE



We have for sale a few choice yearlings, sired by Baron Duke 30th 50017, he by Baron Lee 4th 33446, and out of Duci ess C 35th 33883. The dams of these boars are of the most desirable strains reduce desired. Address

Inspection or correspondence desired Addr ACHENCACH BROS., Washington, Kas., Breeders of Berkuhire Swine, Double Standard Polied Durham Cattle, and W. P. Rock Chickens.

CATTLE.

EN 'LISH RED POLLED CATTLE—Pure-bred Young Stock For Sale. Your orders so icited. Address L. K. HASELTINE. DOROMESTER, GREEN CO., Mo. Mention this paper when writing.

HEREFORDS FOR SALE,—Having sold the most of my herd. I have left for sale five fine yearling bulls. Write me for particulars. I will sell them cheap.

R. R. 2, BUBLINGAME, KANSAS,

MEADOW BROOK SHORTHORNS—Ten fine young buils for sale—all red. Red Laird, by Laird of Linwood, at head of herd.
F. C. KINGSLEY,
Dever, Shawnee cunty, Kansas.

COBURN HERD OF RED POLLED CATTLE. See. Breenmiller & Sen, Centropells, Franklin Ce., Kans

D. P. NORTON'S SHORTHORNS. Breeder of Pure-bred SHORTHORN CATTLE. Herd bull, Impored British Lion 188492. Young stock for sale.

North Elm Creek Herd Pure-Bred Shorthorns and Poland-Chinas

Scotch-topped Young Mary females with 9th Knight of Elmwood 161507 at head. Call on, or write W. J. Smith, Oketo, Kas

Ruby Red Herefords.

15 FINE, YOUNG BULLS FOR SALE. Socrates 78813, a mammoth, dark red sire, smooth, low, of great frame, drooping horns, and descended from Lord Wilton, The Grove 3d, Horace, and Garrield. The dams are choice, and descend from Lord Wilton, Anxiety 3d, Earl of Shadeland 22d, Horace, The Grove 3d Hesiod. A few grade buils on hand. Also Poland-China swine. Have just purchased the entire show herd of POLAND-CHIN SWINE of the late F. J. Knappenburger, of Penalosa, Kansas. Call on, or write to

R. J. SIMONSON, Mgr., CUNNINGHAM, KINGMAN CO., KANS

Shorthorn Cattle

For immediate sale, 12 bulls ready for service, and 12 bull calves. Also 20 cows and heters, 1 to 7 years old. Give me a call, or ad-dress,

H. R. LITTLE, Hope, Kans.

Corrector Herefords.

A few choice yearling and 2-year-old heifers bred to one of Corrector's best sons for sale very reasonably; also some 4-year-old cows with calves at foot and rebred, and just four bulls under 1 year out of Lord Wilton and Grove \$d cows. Visitors welcome. Correspondence prompt.

WM. TIBBLES.

WM. TIBBLES, Haddam, Washington Co., Kans.

Red Polled Cattle of the Choicest Strains and good individuals. Young animals, either sex, for sale. Also breeders of......

Percheron Horses, Improved Chester White Swine, Bronze Turkeys, and Plymouth Rock Chickens. Address G. C. BARTLETT, R. F. D. No. 5, Wellington, Kans.

... Hazford Herefords...

2d 91715, assisted by Major Beau Real 71621, a nephew of Wild Tom. Females largely the get of Bernadotte 2d 71634. A few choice young bulls for sale.

Robt. H. Hazlett, Eldorado, Kansas

Sunflower Herd of... SCOTCH and SCOTCH-TOPPED



Shorthorn Cattle, Poland-China Swine.

Two Scotch bulls in service. Representative stock for sale. Address Andrew Pringle, County, Kansas.

POLLED DURHAM CATTLE.

20 head of noth sexes Bulls of serviceable age and young cows bred. Eligible to two records. Correspondence solicited A. E. BURLEIGH,
KNOX CITY. KNOX COUNTY, Mo.

VERMILLION HEREFORD CO.,

VERMILLION, KANSAS.

Imported Alberta 2d blood. Boatman 58011 at head of herd. A few excellent, young bulls for sale. E. E. WOODMAN, Vermillion, Kans.

Weston Stamp Herd HEREFORD CATTLE.

Anxiety 4th females with Weston Stamp 9th at head WM. ACKER, VERMILLION, KANSAS.

ESHDALE HERD OF Aberdeen - Angus Cattle .

YOUNG STOCK FOR SALE. JAMES FRATER, Fredonia, Wilson Co., Kans.

MAPLE LEAF HERD OF THOROUGHBRED SHORTHORN CATTLE and POLAND-CHINA SWINE.

Farm is 2 miles south of Rock Island depot. JAMES A. WATKINS, Whiting, Kans.

Shorthorn Bulls For Sale From the Valley Grove Herd.

An extra good lot, reds and roans, sired by Lord
Mayor 112'27 and Knicht's Valentine 157083.

T. P. BABST & SONS, AUBURN, KANS.
(Telegraph Station, Valencia, Kansas.)

MODEL BLUE GRASS FARM HEREFORDS.

Stook Por Sale. OVERTON HARRIS, Harris, Mo

Glenwood Herds SHORTHORN CATTLE POLAND-OHINA HOGS

VICTOR OF WILDWOOD 126054, a Dure Crulck-shank Orange Blossom in service. Fem les of high quality, pure Scotch and Scotch-top d; choice bulls for sale; also females. C. S. NEVIUS, Prop., CHILES, MIAMI COUNTY KANSAS. 40 miles south of Kansas City, on Missouri Pacific Railroad. Telephone at farm

...Clover Cliff Farm... REGISTERED GALLOWAY CATTLE



Also German Coach, Saddle, and trotting-bred horses. World's Fair prize Oldenburg Coach stallion Habbo, and the saddle stallion Rosewood, a 16-hand 1,100-pound son of Montrose in service. ... Visitors BLACKSHERE BROQ., ELMDALE, CHASE COUNTY, KANSAS.

E. H. WHITE, ESTHERVILLE, IOWA Importer and Breeder of

GALLOWAY CATTLE



Herd Foundation Stock A Specialty. ▲ Few Choice Females and 14 Bulls For Sale. Inspection or Correspondence Invited.

CARBONDALE HERD HEREFORDS and SHORTHORNS

Herefords headed by Gold Dust 96848; Shorthorns headed by Daring Knight 170761. Twenty registered Hereford bulls, 9 to 11 months old, for sale cheap. Barred Plymouth Bock cockerels, \$2 and \$3; pullets, \$2; 50 of each for sale.

LOUIS HOTHAN, Carbondale, Kansas.

-THE-..N. MANROSE..

Rural Route 5, Ottawa, Kans. Giltspur's Knight 171591, at head of herd. Young bulls ready for service for sale.

"The Wayside" Herd of Registered

HEREFORDS "ANXIETY WILTONS," with Printer 6684, March On 14th 108676, and Good Sign 140387, as Service Bulls, will be represented at South Omaha, January 22-23—get a Katalogue and Kum. Some excellent young things among this year's calves for sale—private treaty. Do you want show HERDS that will WINT 6 et one by Printer, and one by March On 14th, be on top, and see them take first and second place. W. W. GRAY, Fayette, Missouri.

A Hereford Snap.

FOR SALE, QUICK, 20 yearling Hereford bulls and 50 bull and heifer calves. All out of dams of 15th cross by registered bulls. Practically pure-bred and a splendid lot in fine condition. Prices

reasonable to early buyers. W. P. Goode, Lenexa, Kas Mention Kansas Farmer,

CATTLE.

ALLENDALE HERD OF

Aberdeen - Angus Cattle.

The Oldest and Largest in the United States Splendid recently imported bulls at head of herd. Registers! animals on band for rale at reasonable prices at all times. Inspect herd at Allendale, near fols and I a Harpe; address Thos. J. Anderson, Manager, Iola, Allen Co., Kans., R. R. 2, or— Anderson & Findlay, Proprietors, Lake Forest, III.

Walnut Valley Stock Farm Breeders of Scotch and Scotch-topped

SHORTHORNS The prize-winning bull, Scott Junior 124222 at head of uerd. Choice young bulls and helf rs for sale.

W. J. SNODGRASS, Gordon, Butler Co., Kans.

THE SUNFLOWER HERD PURE-BRED

Angus Cattle.



Herd headed by HALE LAD 20645, Herd numbers 250 head, the largest herd bred by owner in America. Stock for sale. Address

PARRISH & MILLER, Hudson, Stafford Co., Kans.

CHAMPION

GALLOWAYS

FOR 1902. Up-to-date Galloway Cattle, All Ages, For Sale.

sonal Inspection or Correspondence solicited by C. N. MOODY, Breeder, ATLANTA, MO.

POLLED DURHAM HERD FOR SALE.

Owing to the death of my brother Mr. R. J. Burgan, I am now offering to close out the entire herd of Double Standard Poiled Durhams, Shorthores, and a rerd of 150 native cows bred to Double Standard bulls Parties desiring some first class dual purpose cattle can now buy to advantage by addresting

NELLIE BURGAN, FORD, KANSAS

.. GREENDALE RANCH ..

BREEDERS OF ..PRIZE-WINNING..

SHORTHORN CATTLE, BERKSHIRE SWINE, and SHROPSHIRE SHEEP

Great constitution and inng caps ity gained in high altitudes. A few select young swine and sheep for sale. ED. GREEN, MORRISON, COLO.

Elder Lawn Herd ${f Shorthorns}$

Headed by GALLANT KNIGHT and Imp Tilly Cairn.

Bulls. Cows. and Heifers, for sale at bargain prices.
Can supply femans in car-load lots if desired. Some show yard material.

T. K. TOMSON & SONS, Dover, Shawnee Co., Kans

Bill Brook Breeding Farm.

SHORTHORN CATTLE and ANGORA GOATS.

Herd Bull, IOWA SCOTCHMAN 2d 138687. Write for what you want. Address

H. O. Tudor, Holton, Kas

Rocky Hill Shorthorns and Saddle Horses

Sempstress Valentine 157771 and Mayor 129229 at head of herd. Larkin's Duluth and Kansas King at head of Saddle Horse Herd.

J. F. TRUE & SON, Perry, Kansas. Railroad Station, Newman, Kansas.

Registered Herefords. THOS. EVANS, Breeder,

Hartford, Lyon County, Kansas.

One car load of buils, 1 and 2 years old; one car load of nei ers, 1 and 2 years old; a few cows with calves by side for sale.

COPELAND'S. Shorthorns

J. M. COPELAND, Glasco, Cloud County, Kansas.

PUBLIC SALE! RI GISTERED Hereford Cattle

At Arkansas City Kans , March 31, 1903. consi ting of 13 Bulls and 41 ows. Hale will be unde cover. 1 or Catalosue, address L. F. Johnson & Son, R. R. 4, Beuda Springs, Kas COL. LAFE BURGER, Austioneer.

HORSES AND MULES.

PERCHERON HORSES, AND ABERDEEN-ANGUS CATTLE.

GARRET HURST, Breeder, ZYBA, SUMMER COUNTY, KANSAS, Young stock for sale, of either sex. All registered.



102 Black Jacks and come br'd Jeone's, Mammoth and Spanish. 14 to 185 hands. R. gistered rotting and raddle studs. Everything for sale low now. Come or write for prices on what you want. G A. FEWEL, Lecton, Johnson Co., Mo.

Prospect Farm



H. W. McAFEE, Topeka, Kans. Breeder of

CLYDESDALE HORSES, SHORTHORN CATTLE

FOR SALE—25 Clydesdales, including bree regi-tered stallions of serviceable age, three regi-tered stallions of serviceable a and thirteen mares. Inspection and correspondence invited.

Cheyenne Valley Stock Farm.



F. H. Schrepel, Ellinwood, Kans.

PERCHERON HORSES, AND POLAND-CHINA HOGS

For Sale—Fifteen young stallions and a few mares. Inspection and correspondence invited.

Greatest Importing and Breeding Establishment in the World.

Famous Prize-Winning Stud of PERCHERONS and FRENCH COACHERS. On hand upward of

500 HEAD Four Large Importations in 1902; forming, with our home-breds,

The Choicest Collection Ever Assembled, including Four of the Six First-Prize winners at the great annual French Show of the Societe Hippique Percheronne in 1902. At the recent

INTERNATIONAL LIVE-STOCK EXPOSITION at Chicago, the Oaklawn Percherons achieved distinguished honors. The Champion Stallion and every First-Prize winner (except one) in the regular stallion classes were imported by Dunham, Fletcher & Coleman.

Notwithstanding the superior quality of ur horses our prices are lower than can be obtained elsewhere in America.

If a Percheron or French Coach Stallion is needed in your locality, correspond with us, with the view of our sending a salesman to place one, with your assistance. Reliable men who thus demonstrate ability in this line of work how no difficulty in arranging line of work have no difficulty in arranging to represent us in the selling of stallions. Catalogue sent on application.

DUNHAM, FLETCHER & COLEMAN, WAYNE, DU PAGE CO., ILLINOIS.

A bright man, with light team, in every county. Steady work and good wages to the right man. Reference required.

For particulars address, KOCH-V. T. CO., Winema, Minn.

SHEEP.

Anoka Flocks

Cotswolds and Rambouillets. Foundation for flocks a specialty. Correspondence and inspection invited. HEO. HARDING & SON, WAUKESHA, WIS.

McFADDEN BROS., WEST LIBERTY, IOWA,

Breeders of PRIZE-WINNING

Shropshire Sheep

Choice lot of rams and ewes—both Canadian and home bred—for sale. Can supply car lots. Write for our low prices.

George Allen, IMPORTER AND BREEDER OF SHROPSHIRE SHEEP SHORTHORN CATTLE

For Sale—100 Rams and 100 Ewes. Greatest winner of any Shropshire breeder in America. Address ALLERTON, VERMILLION Co., ILL. A BARGAIN IN

80 head of registered ewes, bred to import d rams;
15 head of high-grade ewes, bred to a go d registered
ram; 6 head of En. lish imported ewes bred by Hardin and Mintorn; 64 head of 1 mos, rams, and ewes
from imported sires; 40 head of 1- and 2-year-old
rams; 4 head of yearling rams from imported sires
and dams; also 3 head of ram lambs from san e; 2
head of yearling ewes and 3 head of ewe lambs from
imported sires and dams. The es sheep must be so lid
before March 1 Write your wants at once and got
bargain pri es. The flock wills at a very ow figure
to a quick buyer.

G. C. HAN WARD.

E. F. D. No. 3, Tama, Iowa.

Shropshires

LIVE STOCK AUCTIONEERS.

CAREY M. JONES,

Live Stock Auotioneer Davenpert, Iowa. Have an extended acquaint-ance among stock breeders. Terms reasonable. Write before claiming date. Office, Hotel Downs

Live Stock Auctioneer.

J. N. HARSHBERGER, Lawrence, Kansas.

Special attention given to selling all kinds of pedigreed stock: also large sales of graded stock. Terms easonable. Correspondence solicited. Mention Kansas Farmer.

LIVE STOCK AUCTIONEERS.



Jas. W. Sparks, LIVE STOCK AUCTIONEER

MARSHALL, MO.

Posted on pedigrees, quali-ty, and values. Am selling for the best breeders in America. Terms very reasonable. Write before fixing dates.



Lafe Burger Wellington. Kans. LIVE STOCK AUCTIONEER

SALES MADE ANYWHER.

I am booked for some of the best combination sales of high-class stock held in America. Posted on pedigrees and individual merit. Wide acquaintance with breeders in Kansas, Oktabroders in Cansas, with any for dates.

R. L. HARRIMAN, Live Stock Auctioneer Bunceton, Mo.

SALES Made Everywhere. ... Thoroughly posted and up-to-date on breeding quality and values. Have a large acquaintance among and am selling for the best breeders in the country. Terms low. Write for dates.



J. M. SARE,

General and Fine Stock Auctioneer.

Twenty-five years experience; best of reference. Farm sales a specialty. Terms reasonable. Correspondence solicited. This is a profession—get salesmen who understand their business. If your family is sick the best doctor is the cheapest.

J. M. SARE, Auctioneer,
Phone 301. : 534 Kansas Ave., Topeka



Direct to Consumer at Wholesale Prices.
Our Handsome Catalog Free, costing over \$1 each, contains 205 pages, with 3000 illustrations and 20,000 articles listed, on which we guarantee to save you from 15to 75% olay book of its kind in the world, sont for 25c deposited which will obs refunded with first special order. Valuable book of reference, becould be in every household. Small booklet sent free for the saking-should be in every household. Heller Chemical Co., Dept. 47 Chicago.

Percherons, Shorthorns, and Poland-Chinas.

J. W. & J. O. Robison, Towanda, Kans.

Young stock of both sexes for sale.

PERCHERONS. HENRY AVERY & SON. Wakefield, Clay Co., Kans.

We claim to have owned and used a better class of Herd Sires than any other breeder in the United States. When you write us we will send you a list of them.

Young Stock For Sale.

B. C. Fox....

D. F. Logan.

FOX @ LOGAN. WILL SELL AT OUR LIVERY STABLE IN DANVILLE, KENTUCKY,

4th, 1903,

35 head of Native-bred Kentucky Jacks, also a few well bred Saddle Stallions. rale begins promptly at 10 o clock a. m., rain or shine. Horses and mules always on hand and for sale. Call on, or address FOX & LOGAN, Lock Box 532. Catalogues mailed on application.



THE WILLOWDALE BERKSHIRES

ROYAL BARON 58846, the Greatest Show Boar in the World, at head of herd. Home of the Winners. Young Stock of All Ages For

G. G. Council,

るるなるなるなるなるなるなるなるなる

£&£££££££££££££££££££££

Thursday, March 5, 1903, COMMENCING AT 10 O'CLOCK,

At Topeka Fair Grounds, -UNDER COVER-

18 Months' Credit on most of the offering

...R. I. LEE...

The Most Successful Breeder in the West, sells all of his

High-Bred Horses.

54 HEAD—16 STALLIONS all standard and registered. All bred in the purple of trotting blood for from for r to six ger erations and represent 30 years successful selection. Most of the offerings bred same as Maxime (4), 20834, fastest trotter for age in 1903. Horses exhibited day before the sale. Send for Catalogue to—

R. I. LEE, WANAMAKER, KANSAS.

MR. L. H. BEAN, RAVENNA, OHIO, AUCTIONEER.



Spot Cash Talks.

Write S. A. SPRICGS WESTPHALIA, ANDERSON CO., KANS.,

and see what it will do if you want a Registered Percheron or Coacher or a big, black, heavy-boned Mammoth Jack or Jennet. All stock guaranteed as represented.

P. S.—A fow high-grade Stallions very cheap.



COMBINATION SALE

Percherons, Shorthorns, and Poland-Chinas.

J. W. & J. C. ROBISON, TOWANDA, KANSAS.

Will sell a draft of 50 head from their noted herds. Among the horses they will include most of their 1902 show herd, which won every first prize competed for at Missouri and Kansas State Fairs this year. Don't forget the date—February 3, 4, and 6, 1903, at Wichita, Kans. February 3 J. W. & J. C. Robison and Snyder Bros. sell 60 Percherons and Shire stallions and mares. February 4, J. W. & J. C. Robison, Snyder Bros., and G. D. Stratton, sell 60 Shorthorns. February 5, Snyder Bros. sell 60 Poland-Chinas.



WILLEMORE STOCK FARM

German Hanoverian and Oldenburg Coach Horses

#3 In order to make room for stallions, will sell 30 mares from 1 to 3 years old, at a bargain. .. Telephone 292.

Best Terms and Long Time Given Responsible Farties.

Stallions of all ages for sale.

Soth imported and home bred.

Prize-winners both in Europe and america.

Take Washington Park Car to the Farm. Wm. EATON MOORE. Prop., SPRINSFIELD. II L



America's Leading **Horse Importers**

Ours were the Favorite Percherons at the recent International Live Stock Exposition. (Thic. go. Five of our importation won First Another one of . urs won (hampionship.

Our stallions won 10 out of a possible 17 prizes.

Our French Coach Stallions won Every First prize at the great Chicago Horse Show.

With our Percherons and French Coach Stall ons we won Every First at the lowa State Fair, Kansas State Fair, Kansas City Horse Show, Central South Dakota State Fa r, and Ohio State Fair including Grand Swepstakes all draft breeds competing.

In France our horses were equally successful in the show ring, fifty of them being prize-winners in the two leading shows.

We import More and Therefore Can Sell Cheaper Than Anybody Else. McLAUGHLIN BROS., COLUMBUS, OHIO. Emmetsburg, Iowa; Kansas City, Mo.



Lincoln Importing Horse Co. German Coachers.

Last Importation received Oct. 14,1902

Percherons, Shires, Last Importation received Oct. 14,1902

Bullivan, Mgr., Lincoln, Neb.



M. L. Ayres' Percherons

My October importation now in my Shenandoah Barns. 100 REGISTERED PERCHERONS on the farm; 75 STAL-LIONS. Most of them ton horses. Come and see them. M. L. AYRES, SHENANDOAH, IOWA.



Draft Stallions.



Percherons, Shires, and Belgiums.

60 Head to Select From==ALL IMPORTED BY US

\$1,000 buys a good one from us this fall. It pays you to buy one now as you get him cheaper and keep out competition. Don't pay a big price for a horse, but come and see ours and get a good one for less money than a small importer can possibly sell for. Our stables are across the road east of the Burlington Depot.

WATSON, WOODS BROS. & KELLY, Lincoln, Nebraska.

SOLDIER CREEK HERDS OF HEREFORDS, SHORTHORNS, POLLED SHORTHORNS

SERVICE BULLS;
HEREFORDS—Columbus 17th 91364. Elvina's Archibald 75998. Jack Hayes 2d 119761, Jack Hayes 3d 124109.
SHORTHORNS—Jubilee Stamp 126017, Orange Dudding 149469. POLLED—Scotch Emperor 133646, Ottawa Star 113109. ... Herds consist of 500 head of the various fashionable families. Can suit any buyer. Visitors welcome except Sundays.

Address JOSEPH PELTON, Manager, Belvidere, Klowa County, Kansas.



STEELE BROS., Belvoir, Douglas Co., Kans

HEREFORD CATTLE

Scott & March, Breeders of Pure-bred

BELTON, CASS COUNTY, MISSOURI.

BULLS In Service: HESIOD 29th 66304, Imp. RODERICK 80155, MONITOR 58275, EXPANSION 93662, FRISCOE 93674, FULTON ALAMO 11th 89781.

25 miles south of Kansas City on Frisco; Ft. Scott & Memphis; and K. C., P. & G. Railreads.

P. S. DUNCAN, : : : Perrin, Clinton County, Missouri

GLENDALE SHORTHORNS

Imp. Prince Lovely 155860 and Scotland's Charm 127264 in service. Fi teen young serviceable bulls for sale. One extra good young Scotch bull, sired by Imp. Roy-il Favorite 140612, dam Imp. Pavonia. Also 50 helfers and young cows mostly bred, some with calves by side. Visitor- always welcome. Long distance phone at farm.

C. F. Wolf @ Son, Ottawa, Kansas.

SILVER CREEK SHORTHORNS.

The Scotch bull, Gwendoline's Prince 130913, in service. Also the imported Scotch Missie bull, Aylesbury Duke. 100 head of the best Scotch, Bates, and American families.

J. F. Stodder, Burden, Cowley Co., Kas.

Pearl Shorthorn Herd Bull For Sale.

I now offer for sale, my great Cruickshank herd bull, Lafitte 119915, bred by W. A. Harris, got by Royal Knight 117203, out of 16th Linwood Lavender Vol. 38. Address

C. W. TAYLOR, PEARL, DICKINSON COUNTY, KANSAS.



Closing Out Rome Park Peland-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 snort yearlings and aged boars. Summer and fall pigs of all ages. Reduced prices before sale.

A. HUBBARD, ROME, SUMNER COUNTY, KANSAS.

S. C. Duncan, Mgr. ELM BEACH FARM, WICHITA, KANS.



Poland-China Swine

We have recently bought out the great R S. (ook Chan pion Herd and combined san e with the Elm Beach Herd, may ing us in a position to fornish swine of the his lest grade. Poland-Chinas of all ages and either sex for sale. Write or come and see us. Farm is four miles north on Arkansas Avenue.....

Coupe Brothers' Nebraska Shorthorn Sale



Falls City, Neb., Saturday, March 7, 1903.



FIFTY-FIVE HEAD OF GOOD SHORTHORN CATTLE will be sold by Coupe Bros., in Falls City, Neb., on above date. This will constitute the closing out of Coupe Bros.' herd at that place, the sale being made to close a partnership deal of many years' standing. This is a herd of Red Shorthorns, of good scale, good feeding quality, and prolific habits. It is one of Nebraska's old-time herds and has always been a money-maker for its proprietors. This herd is in first-class working condition now and full of promise. The great 2,200-pound Scotch bull, SCOTTISH MODEL by Courtier 2d, dam Lovely Maid by Baron Knight 114357, is included in sale with a nice lot of his get. For particulars, see field notes and Catalogue (which will be sent if asked for.) The Scottish Model heifers of proper age are bred to McClenan's Prince, a good young Scotch bull, also to be included in sale. About 10 young Bulls in sale. All Cows and Heifers of breeding age are bred—many of them well forward in calf.

For sale Catalogue, address

COUPE BROS., Falls City, Neb.

Cols. F. M. Woods, C. H. Marion, M. W. Harding, Auctioneers.

એ પ્રોન્ટ પ્

GREAT DISPERSAL AUCTION SA

At the Farnsworth farm, one mile east of Santa Fe Shops, Topeka, Kansas.

Saturday, Feb'y 28, 1903.

THE BURTON DAIRY HERD OF CATTLE,

consisting of 80 head of choicely bred and well-selected high-grade Shorthorn, Red Polled, and Holstein cattle.

FIFTY REGISTERED DUROC-JERSEY HOGS.

The entire herd of brood sows and young gilts and males.

NINE HEAD OF KENTUCKY SADDLE HORSES,

including one registered stallion, and eight mares and filleys, a nota-

collection by G. G. Burrton.

Several hundred bushels of corn, farming implements, wagons, harness, phaeton, McCormick corn harvester, mower, rake, go-devil, seeder, disk roller, sulky plow, corn-planter, lister, drill, stirring plows, cultivators, harrow, corn-sheller, corn-crusher, feed-cutter, horse pow-

Sale to be without reserve, as this property must be sold regardless of sacrifice. Sale begins at 10 a. m. sharp. Free lunch.

TERMS OF SALE: All sums of \$10 and under, cash. All sums over \$10, a credit of twelve months will be given, without interest, if paid when due; if not paid when due, 10 per cent from date of sale, note with approved security. Ten per cent off for cash. For Catalogues, address

E. S. BURTON, Mgr., Topeka, Kans.

Col. J. N. Harshberger, Auctioneer.



German and Oldenburg Coach Horses.

Our Last Importation Arrived January 3, 1903, making Our Fifth Importation in the Last Nine Months.

Our Fifth Importation in the Last Nine Months.

No other importers buy direct from breeders in the old country. The oldest member of our firm resides in Germany on a 1,000 acre farm on which are kept constantly 50 to 75 stallions of service age He i- active twelve month in a year, buying the choicest blood of the breed, and thus as a resident buyer avoids large expense of interpreter, commissions, etc. He is only ten hours by rail from the DRAFT HORSE districts of Beigium and France. All importers and breeders will save time money, and risks bp buying coach and draft horses from us at our Illinois stables, at "old country prices." A full stock of GERMAN COACH, BELGIAN, and PFRCHERON STALLIONS constantly for sale.

OLTMANNS BROS., Watseka. Illinois 77 miles south of Chicago, on C. & E. I., and T. P. & W. Railways

PUBLIC SALE!

ISTERED and HIGH-GRADE HOR 3ES

THURSDAY, FEBRUARY 26, 1903,

2 registered French draft stallions, 1 English shire stallion—2 years old, 1 high-grade draft stallion, 1 registered stallion, 1 very fine black jack—an excellent breader. Also several head of well-bred young horses and mares. Send for Catalogue for full description.

R. Kimbell.

Great Stock Sale



Twenty-Second Semi-Annual STOCK SALE!

At Limestone Valley Farm, 6 miles east of Sedalla and 2 miles north of Smithton, Pettis Co., Mo.,

TUESDAY, MARCH 3, 1903.

Fifty-seven head of registered Jacks and Jennets, all black with white points 14 to 16 hands high. The best herd ever offered at public auction in Missouri. Six prize-winners at the Missouri State Fair, 1902. Three registered Saddle Stallions, one registered Percheron Stallion and thirty extra good 3- and 4-year-old Work Mules.

Write for Catalogue and come and bring your friends. We shall be pleased to meet you and take care of you free of charge. Respectfully,

& SONS MONSEES SMITHTON, MISSOURI.



Three Good Pettis County, Missouri, Farms For Sale Cheap.

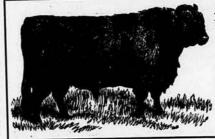
SAMONDANAMANAMANAMANAMANAMA

એ સામાં સ

PUBLIC SALE

GALLOWAYS

DENVER UNION STOCK YARDS, FEB'Y 25, 1903



On the last day of the Denver Fat Stock and Feeder Show, Wednesday, February 25th, the undersigned will offer for sale at Public Auction a select lot of 48 head pure-bred and Registered Galloway Cattle from the best herds of this breed in the country, including 24 Cows and Heifers, all bred or calves at foot. For Catalogue or information, address any of the undersigned.

W. G. McCANDLESS & SONS. Cottonwood Falls, Kans. S. M CROFT & SONS, Bluff City, Kans. G. W LINDSEY, Red Cloud, Nebr.

Galloway Oattle are the Ideal Cattle for the Mountains and Western Range. Black Cattle Beat the World.

Cottingham & Sons' 7th Annual Horse Sale

will be held February 24 and 25, 1903, at their Stock Farm, McPherson, Kans.,

at which time we will sell 60 head of HORSES, consisting of Draft Horses, Single and Double Drivers, and Brood Mares, one imported Cleveland Bay Stallion, 50 head of Poland-China Hogs. Cottingham, Drake, and Grant will sell at same time 11 head of young Shorthorn Bulls.

W. H. COTTINGHAM & SONS, McPherson, Kans.



We will save you meney on your Telephone Poles or Fence Posts or any kind of Lumber or Building Material. Write us for wholesale prices on White Cedar Posts and Poles DELIVERED AT

YOUR STATION, freight paid. Send us your house and barn bills for estimate, free of cost. We will save you the middleman's profit. Price Guide on request.

South Chicago & Calumet Lumber Co., 951 Harbor Avenue, Chicago, III.



A GRAND OPPORTUNITY FOR BUYERS OF

HEREFORDS



You will be there at Kansas City, February 25-26, if you are a discriminating buyer of

REPRESENTATIVE AND IDEAL

HEREFORD CATTLE

"The Kind That Has Made the 'Whiteface' Famous."

This grand offering of 140 Hereford Cattle consists of 90 Cows and Heifers, safely in calf to noted herd bulls

or with calves at side: also 50 Bulls of serviceable age. The best produce of

some of the best herds in America, namely:

Gudgell & Simpson, Independence, Mo., 30. C. A. Stannard, Sunny Slope, Emporia, Kans., 33 Scott & March, Belton, Mo.. 33 Frank Rockefeller, Belvidere, Kans., 26.

Mrs. C. S. Cross, Emporia, Kans., 2. W. B. Wadell, Lexington, Mo., 3. Fritz & Shea, 6; Geo. B. Baker, 3. 1 ogan B. Chappell, 1.

SPECIAL NOTICE!

This Offering of 140 Head of Typical Herefords

will constitute a Hereford event of more than ordinary importance to the Whiteface fraternity. It is an unusually large offering of Ideal and Representative young stock, animals of the best blood lines known to the breed and at the same time of such individual quality that must reflect credit to the breeding establishments represented in the select contribution to this sale, and comprises the annual contribution of the picked produces of these famous herds

Meet Us at Kansas City, February 25 and 26, 1903.



This sale affords a great opportunity for the BREEDER, the RANCHMAN, and the GENERAL FARMER, to secure foundation stock or females, also bulls for herd-headers from the most famous sires and dams in America. Animals can be secured cheaper than at private sale with the best herds from which to make selections.

The consignments for this sale are the best young cattle from the he ds of the above-named owners and every animal sold will be a good one. You are cordially invited to attend this sale. For Catalogue, address

C. A. STANNARD, Emporia, Kansas.

Auctioneers: Cols. F. M Woods, R. E. Edmonson, J. W. Sparks, Carey M. Jones.

