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KANSAS FARMER

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KANSAS FARMER.

Established in 1863.

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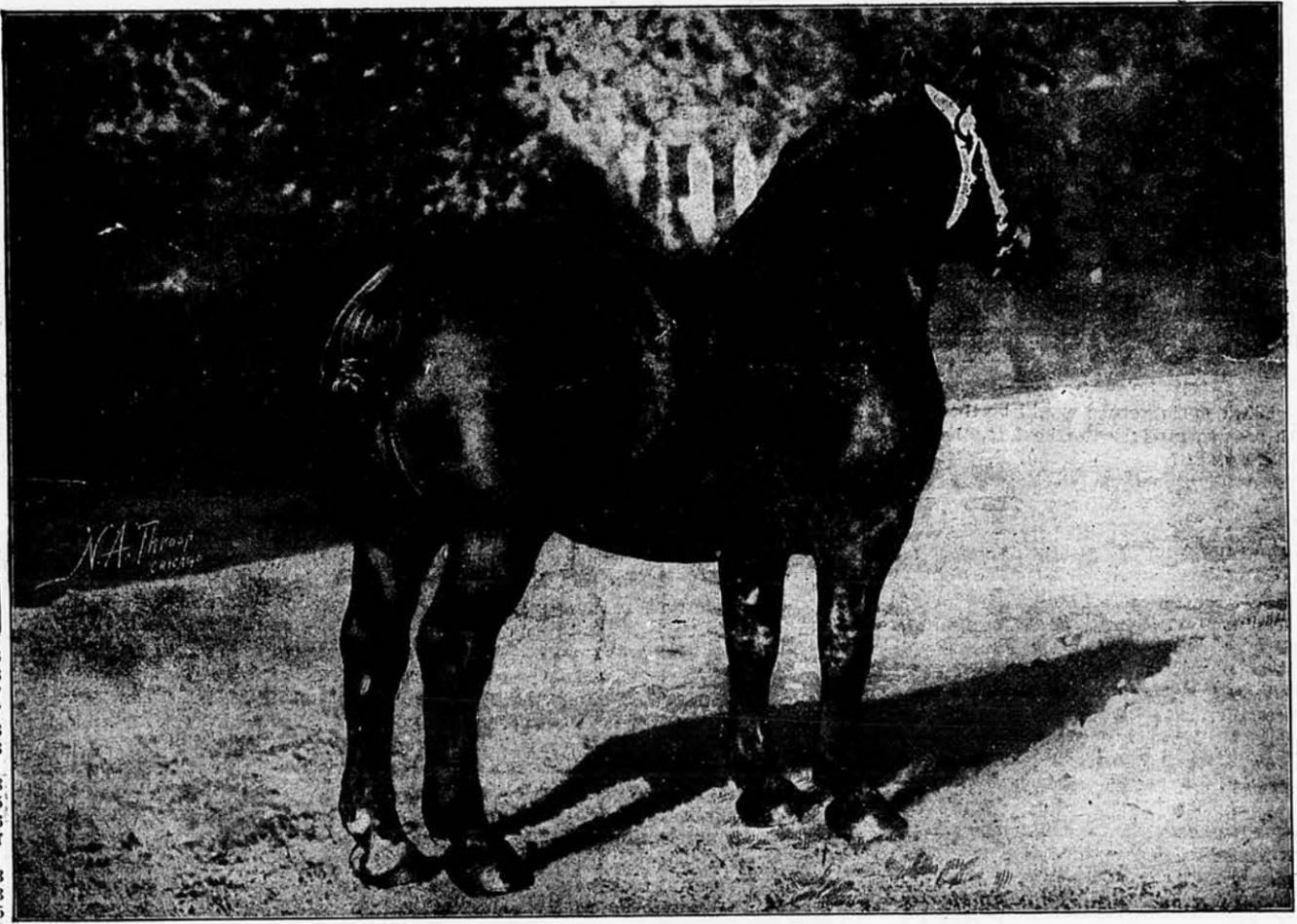
On last Monday, at St. Louis, the jury in the United States Court found Senator J. R. Burton, of Kansas, guilty of having been bribed to use his influence as a senator in favor of the Rialto Grain and Securities Company. His offense was committed in connection with the Postoffice Department. The conviction was on several counts, for each of which the court may impose a fine of not more than \$10,000 and an imprisonment of not more than two years. Conviction also works forfeiture of his office and disqualifies him from ever again holding any office under the United States.

Application has been made for a new trial. This will probably be denied. The case may then be taken to the Court of Appeals. Losing in the Court of Appeals, an attempt may be made to carry the case to the Supreme Court. Opinions differ as to whether it can be carried higher than the Court of Appeals. The opinion of the majority of those who have followed the case carefully is that the finding of "guilty"

Should the vacancy occur now or during the session of the Legislature next winter, that body will elect a successor for the unexpired term. Should the vacancy not occur until after the adjournment of the Legislature the appointment may desolve upon the new Governor, if indeed, the Legislature shall not have elected in anticipation of a vacancy.

There are plenty of honest men in

be controlled by the farmer. The second depends on the amount of stock kept, the extent with which the manure is given back to the soil, the amount of the grass and forage crops grown, etc., so that its advantages may be made available and cumulative if the farmer so wills. In this method of fortifying against climatic contingencies, each farmer is independent of all others and may immunize his own



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will be sustained by the court of last resort. The final result can not probably be reached before next September and possibly it may be deferred some months beyond that date. Pending final disposition of the case, Mr. Burton will continue a member of the Senate, unless he shall resign, or that body shall exercise its power, and, by resolution, expel him.

This conviction can scarcely be said to be a surprise to persons who have been acquainted with Kansas politics and politicians for the last fifteen or twenty years. The disgrace to the State is keenly felt. The regret at this is partly offset by the realization that the purification of politics is less of an "iridescent dream" than it was once eloquently declared to be, but that this purification has now, become a matter for courts and juries, backed by a fearless and conscientious executive.

Speculations as to Senator Burton's successor are as yet indefinite. Should the vacancy occur now, it would be Governor Bailey's duty to appoint.

Kansas, capable of honoring the Senatorship.

GET HUMUS INTO THY SOIL.

The generous rains which during the last two weeks have blessed a large portion of the farmers of Kansas have allayed many anxious fears. They bridge over the season when the wheat either makes a good growth or becomes thin and enfeebled. The fact that the many weeks of dry weather were passed with almost no damage to growing crops, and the further fact that their termination found the soil in exceptionally fine condition resulted from two probable causes; first, the deep wetting of the soil and subsoil last season; second, improvements in methods of farming which, during the last few years, have tended to increase the humus in the soil, thereby increasing its capacity to absorb water and to hold it against both seepage and evaporation. The first of these causes is providential, and, except where irrigation is practicable, can not

farm whether his neighbors join him or stand aloof.

In all countries where the need of incorporating vegetable matter into the soil that it may there transform to humus and ameliorate the conditions, some suitable system of regular rotation of crops has been found convenient if not essential. An essential of every rotation is that the land shall be occasionally laid down to grass, or, preferably, one of the clovers. In sections where red clover does well, its biennial habit and the readiness with which a stand may be obtained have made it an ideal crop to use in a short rotation. Its effect on the soil is quick and very beneficial. The grain farmer will almost without exception find that in a term of years he can produce more grain by rotating with clover than by omitting the clover and raising grain every year, so that whatever value he gets in the crop of clover is clear gain "and then some," to use an expressive popular phrase.

(Continued on page 356)

well as or perhaps in some cases better than the disk-drill. The hoe-drill is inferior to either of the others for general use. The disk-drill has this disadvantage that it does not necessitate so good a preparation of the seed-bed as is required to plant with the shoe-drill or the hoe-drill; for this reason there is a tendency to carelessly prepare the seed-bed and thus reduce the yield of grain, in other words the disk-drill encourages slack farming.

A. M. TENEYOK.

Too Much Disking.

I am about to disk my alfalfa field. It is nearly destroyed with crab-grass and gophers. I thought I would disk it both ways, lapping the disk one-half each time. Do you think that would be too severe for it? Some have advised me to sow more seed and harrow it in; disking. Would this be the right thing to do, or would it be a waste of seed? If you think it advisable to sow it, how much seed would give best results per acre? If this treatment would not be advisable, tell me just what you would do if this alfalfa field were yours and in this locality. W. SACKET.

Harper County.

The thorough disking which you suggest giving your alfalfa-field would not improve the stand, in fact, I fear that more of the plants would be destroyed. The preparation of ground in this way for reseeded would be all right provided that reseeded would be an advisable plan to follow. If the field were mine, I would prefer to plow up the larger part of the field, perhaps reserving the good stand in the southwest corner, and make a new seeding on other land which is less weedy and in which a better seed-bed can be prepared than will be possible on this field. Corn-stock ground, well disked and harrowed, will make a good seed-bed, or fall-plowed land may be used. As a rule, do not sow alfalfa on spring plowing but, if it is necessary to do so, care should be taken to thoroughly firm and pulverize the soil, using a sub-surface packer.

If you break up the alfalfa-field it will make an excellent piece of ground for growing corn or other crops, producing larger yields than ground which has been continually cropped with grain or corn, while on the grain- or corn-land you are more apt to get a stand of alfalfa than by immediately reseeded the old alfalfa-field.

It would not be a bad plan for you to disk and reseed a part of the field in the manner you have suggested, say the southern half where you have the best stand. Doubtless the stand which is already on the ground will give you a fair crop this season and if you do not succeed in getting a catch you can plow up the field another year. Perhaps four diskings would not be necessary. Unless the ground is too hard, double-disking, lapping one-half and following twice with the harrow ought to give a fair seed-bed and sufficient cultivation for the alfalfa now on the ground. As to how much seed you should sow per acre will depend upon the quality of the present stand. I should say five to six pounds of good seed per acre would be sufficient.

A. M. TENEYOK.

Starting Alfalfa.

I desire full information in regard to starting alfalfa. Would it be worth the effort to try to start it on rolling upland which has been cultivated until the soil has become what the farmers here call "thin"? Also, when is the best season to sow, how much and what kind of fertilizer should be used and what preparation of soil should be given for such land as I have mentioned? J. MACEY WAGENER.

Jackson County, Mo.

I believe that if you can get the alfalfa started on the rolling upland which you mention that it will grow and produce profitable crops. The crops on the upland would not be so large as those harvested on the bottom land and in the drier seasons perhaps not more than one or two good crops of hay could be cut. Yet if you could not get more than one good crop of alfalfa in a season from your upland, it would still be a profitable crop to grow

and meanwhile the land would be made more fertile for the production of other crops after the alfalfa is broken up. At the present time your land lacks humus and perhaps lacks it to such a degree that it may be very hard to get a catch of alfalfa. If you can prepare a good seed-bed on fall plowing or by disking corn-stubble land, I recommend that you sow a few acres of alfalfa this spring as soon as the ground can be gotten into condition to receive seed. Manure the rest of the field with good barn-yard manure, twenty to thirty loads per acre if you are able to get the manure; plow and seed to some early grain or millet or some other crop which can be harvested early; then plow the ground immediately after harvesting, and cultivate at intervals during the summer, until about the first part of September, when the alfalfa should be seeded. If you cannot manure and crop the land in this way, another good plan will be to plow it and plant cow-peas or soy-beans about the first part of June. Plow these under in the latter part of July or the first of August, using the sub-surface packer after the plow so as to firm the soil at the bottom of the furrow and reestablish capillary connection with the subsoil below. Harrow at intervals until the first part of September when the alfalfa should be seeded. As to what chemical fertilizers should be used in starting alfalfa on this land, I am not prepared to give much advice. Perhaps for spring-seeding a light application of some complete fertilizer at the time of seeding or soon after seeding would assist the young plants to start. Doubtless what the soil needs most is humus, the lack of which leaves the soil in a poor physical condition. If you can build up the humus by the use of barn-yard manure or by the green manuring mentioned above, the soil will be put in better tilth and in a more favorable condition for starting the alfalfa. If the seed-bed be carefully prepared and care be taken to sow the alfalfa when the soil is in good tilth, and in such a condition of moisture that the seed will germinate and grow at once, a good catch of alfalfa may be secured even in a soil which is "thin" or lacking in fertility. The mineral elements of plant-food are perhaps present in sufficient quantity in the soil which you mention, and as soon as the alfalfa becomes established with the bacteria growing on its roots the plants will be able to secure the nitrogen from the air, so that the crop is not dependant upon the nitrogen of the soil; in fact alfalfa increases the supply of humus and nitrogen in the soil.

A. M. TENEYOK.

Bromus Inermis on Sandy Soil.

We are contemplating sowing Bromegrass this year, and, not having any experience whatever either in the preparation of the ground or the sowing of this grass, we write you for information.

In sowing alfalfa or other grass-seed, we have had much better success in disking corn-stalk ground that had been in corn the previous year than in any other way; in fact, we have good stands in this way when land plowed in the spring failed to give a start.

How would you advise the preparation of the ground, how much seed would you sow per acre, and when do you advise sowing it?

Our land is generally black loam, with clay subsoil and rather porous. Then we have some ground that is quite sandy, one piece in particular that has never been broken but has been pastured closely for some years, and is a very light soil.

We were thinking of disking this and sowing it to alfalfa or Bromegrass, fearing that if the land were broken up it might blow. E. D. G.

Greeley County, Neb.

The same preparation of the seed-bed is required for seeding Bromus inermis as for seeding alfalfa or other grasses. Corn-stalk ground, well disked and harrowed level will make a good seed-bed for spring-seeding, and I would much prefer such a seed-bed to spring-plowing. In a mellow, porous

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soil, such as you describe, great care should be taken to have a firm sub-surface for the seed-bed. A deep, loose, mellow seed-bed is the poorest condition of the soil which can be secured for seeding grass, especially in light lands. It may be advisable for you to disk the pasture land for seeding to Bromus inermis rather than to plow. If you can prepare a mellow surface with the disk and harrow, I believe it will be the best plan for you to follow. By this method, however, you will not fully destroy the grasses which are already established, and unless the season be favorable you will not get much of a stand of Bromus inermis or alfalfa. If your purpose is the production of a pasture on this piece of sandy land, I think it advisable to seed the Bromus inermis and alfalfa together, say about twelve pounds of Bromus inermis and four or five pounds of alfalfa per acre, that is, if you consider the alfalfa a safe pasture when grown with the other grasses in this way. As a rule, it is best to break sod-land and cultivate it a few seasons before seeding it to grasses, but considering the light, sandy character of the soil, your plan of disking and seeding the land without plowing may be the safest to follow.

Bromus inermis should be seeded early in the spring. We have already seeded a field at this station. Also, early fall-seeding has given success at this station. Fall-seeding is a little more uncertain than spring-seeding, because the fall is often too dry to start the grass properly. On the other hand, if a catch be secured, considerable pasture or a crop of hay may be obtained the following season, while with spring-seeding, no crop is sure the first season and usually very little pasture. The weeds are more apt to give trouble in spring-seeding than in fall-seeding, especially if the ground be weedy. Usually, however, clipping the weeds two or three times during the summer will keep them down sufficiently, and with the proper condition of the seed-bed, a better stand will result from spring-seeding than from fall-seeding. Where seeding Bromus inermis alone, about sixteen to eighteen pounds of seed per acre is required. Broadcast seeding is usually practiced and the seed may be sown by hand or by means of the broadcast sower or the wheelbarrow seeder. It is not easy to sow the Bromus-grass seed with the grain-drill but it can be done this way by arranging an agitator or shaker in the bottom of the drill-box as follows: Use a strip of board about an inch wide and two inches thick, extending the full length of the bottom of the drill; drive a ten-penny nail through it into each seed-cup, attach an upright handle to the center of the stick which will serve to move the strip of board backward and forward, keeping the seed agitated and causing it to feed evenly. Only a small amount of seed should be placed in the seed-box at one time. Set the drill to sow about three bushels of oats per acre. A. M. TENEYCK.

Alfalfa on Corn-stalk Ground. Which is the best way to prepare corn-stalk ground for seeding to alfalfa this spring? Please give your opinion as to the best time to sow alfalfa-seed. Republic County. ISAAC KENT. Corn-stalk ground from which the corn has been removed may be prepared for alfalfa-seeding by double-disking, with the rows lapping one-half and harrowing across the rows two or three times. On corn ground which is clear of weeds and reasonably mellow, this ought to be a sufficient amount of cultivation to prepare a good seed-bed. If the corn-stalks are on the ground it will be necessary to remove the stalks, giving the ground the same cultivation as mentioned above. Possibly the stalks may be left on the field and cut up with the stalk-cutter, after which the ground may be disked. The stalks may interfere with the disking and this may not be a practicable plan, and if it does work, more disking would be necessary than that required on the ground from which the stalks had been

removed. Alfalfa should be seeded early in the spring as soon as the ground is in fit condition to germinate the seed. If the ground be too dry early in the spring, as has been the case this spring, the seed-bed should be prepared early and the alfalfa seeded as soon as sufficient rain falls to put the soil in good condition. A. M. TENEYCK.

Horticulture.

Catalpa Questions. EDITOR KANSAS FARMER:—I am thinking over the fence-post question with some seriousness. At the rate timber is being cut off, in fifteen years a good fence-post will be something worth looking at. After reading the article on catalpa groves, by Hon. G. W. Tincher, in the KANSAS FARMER of March 10, I have concluded to try growing the catalpa. I have some corners and bends on big Stranger Creek that would be suitable for trees, and would like to know where I can get the young plants. Can trees older than yearlings be planted with success? What is the price of young catalpa stock per 1,000? Can slips from catalpa trees be successfully planted? M. M. GALLAGHER. Shawnee County. Inquiry of growers of catalpa seedlings elicits the information that they have sold the entire crop. Cuttings grow under favorable conditions, but the usual plan is to plant seedlings of one year's growth.

The Spring Canker-worm.

Each year fruit-growers sustain severe losses through the ravages of the spring canker-worm. These insects not only attack fruit-trees, but a number of the other valuable trees as well. In the orchard, the apple, peach, plum, cherry, apricot, and quince suffer the most severe ravages. The leaves when first attacked become perforated with small holes. These increase in size as the leaves develop until finally the pulpy part of the leaves are devoured, leaving the skeleton of the leaf, comprising the midrib, veins, and stems, giving to the trees an appearance of having been scorched by fire. The eggs of this insect are oval-shaped, yellowish with a pearly luster, and are usually deposited in irregular clusters or masses on twigs or at the base of large branches.

The eggs hatch between February and the middle of April. The adult (male) is a brownish gray moth with a spread of wings of little more than an inch; the front wings are of a pale ash color, much lighter than the others. An irregular white band crosses the anterior wings, near the outer margin. The female is unlike the male, being wingless. The body is of a grayish color. The female is more robust than the male. The moth issues early in the spring from the chrysalides in which state they pass the winter. The male moth may be observed flying about the lights indoors, during the warm evenings of early spring, which is a sure indication of the approach of the pests. The female moths being wingless must climb to the branches and twigs to deposit their eggs. The male moths assist them in many cases to reach the limbs of the tree.

As soon as the larvae hatch from the eggs they begin to feed ravenously upon the leaves of the tree. The larvae when first hatched from eggs are from one eighth to one-fourth of an inch in length, of a dark olive-green color, with black, shining heads, changing slightly with the different moults. When not feeding, the larvae may be seen suspended from the leaves by fine, silken threads of various lengths. The large larvae after their period of feeding is over, descend to the ground, either by means of the silken threads, or by looping their bodies and crawling down the trunks of the trees. When they reach the ground, they either pass into the ground or into the rubbish, or under the leaves, where they pass into the chrysalis state, to emerge as adult moths the following spring. The canker-worm has a number of en-

SALZER'S FARM SEED NOVELTIES. Salzer's National Oats. Most prolific Oats on earth. The U. S. Dept. of Agriculture, Washington, says: "Salzer's Oats are the best out of over four hundred sorts tested by us." This grand oat yielded in Wisconsin 153 bu., Ohio 187 bu., Michigan 231 bu., Missouri 255 bu., and North Dakota 310 bu. per acre, and will positively do as well by you. Try it, sir, and be convinced. A Few Sworn to Yields. Salzer's Beardless Barley, 121 bu. per A. Salzer's Homebuilder Corn, 304 bu. per A. Salzer's Big Four Oats, 250 bu. per A. Salzer's New National Oats, 310 bu. per A. Salzer's Potatoes, 735 bu. per A. Salzer's Onions, 1,000 bu. per A. All of our Farm and Vegetable Seeds are pedigree stock, bred right up to big yields. Salzer's Speltz (Emmer). Greatest cereal wonder of the age. It is not corn nor wheat, nor rye, nor barley, nor oats, but a golden combination of them all, yielding 80 bu. of grain and 4 tons of rich straw hay per acre. Greatest stock food on earth. Does well everywhere. Salzer's Million Dollar Grass. Most talked of grass on earth. Editors and College Professors and Agricultural Lecturers praise it without stint; yields 14 tons of rich hay and lots of pasture besides, per acre. Salzer's Teosinte. Salzer's Teosinte produces 113 rich, juicy, sweet, leafy stocks from one kernel of seed, 14 feet high in 90 days; yielding fully 80 tons of green fodder per acre, doing well everywhere, East, West, South or North. Grasses and Clovers. Only large growers of grasses and clovers for seed in America. Operate over 5,000 acres. Our seeds are warranted. We make a great specialty of Grasses and Clovers, Fodder Plants, Corn Potatoes, Onions, Cabbage, and all sorts of Vegetable Seeds. For 10c in Stamps and the name of this paper, we will send you a lot of farm seed samples, including some of above, together with our mammoth 140 page illustrated catalogue, for but 10c in postage stamps. Send for same to-day. JOHN A. SALZER SEED CO. LA CROSSE, WIS.

THE END of this ear indicates a perfect type of thoroughbred corn. The end of the harvest will demonstrate the fact that our improved varieties of Seed Corn will yield 20% to 50% more than the older kinds. Costs Only 25 Cents Per Acre to plant our choice, tested seed corn. You can't afford to risk doubtful stock or inferior varieties. Large illustrated catalog of 23 varieties of pedigreed Seed Corn and also Seed Wheat, Oats, Potatoes, etc. mailed free if you mention this paper. We are the largest seed corn dealer in U. S. IOWA SEED CO., Des Moines, Iowa.

EVERGREENS AT 1/4 PRICE JUST TO INTRODUCE THEM. 100 8 to 12 inch, any of the following varieties, prepaid, only \$2.00 White Pine, Hemlock Spruce, White Spruce, 150 Arbor Vitae, or 25 of each for only \$2.00 Illustrated Booklet on Planting, FREE with every order. Catalogue Free. Order Quick while the supply is still very complete. EVERGREEN NURSERY COMPANY, Sturgeon Bay, Wis.

HAVE YOU GOT A DOLLAR? 18 Grafted Apple Trees for \$1 20 Budded Peach Trees for \$1 85 Concord Grape Vines for \$1 Why not plant trees? Ours are healthy, hardy and true to name. Prices low. A due bill good for 25c and our catalog free. Write for it. Freight prepaid on \$10 orders. Fairbury Nurseries, Box L, Fairbury, Neb.

SEED CORN Mammoth Evergreen Sweet-corn. Yellow Dent Seed-corn, Ninety Day Leam ing Seed-corn, Seventy-two Day Yellow Dent or Queen Seed-corn. Write for prices. HUBBARD SEED-HOUSE, 520 Kansas Ave., Topeka, Kans.

SEED-CORN FOR SALE. Pure BOONE COUNTY WHITE; this is the variety that stood first in test at St. Louis this month, and shelled 62-3 lbs from 70 lbs of ears. Price One Dollar per bushel, f. o. b., at Holton. Cash to accompany the order. S. K. Linscott, Holton, Kansas. Rural Mail Many new routes will go in this year. We want name and address of every man who sends in a petition. We will send a BOX FREE us full information. BOND STEEL POST CO., ADRIAN, MICH.

"I had scrofula and erysipelas for eighteen years, until I heard

Of Dr. Pierce's Golden Medical Discovery," writes Mr. Hilery Koons, of Queens, W. Va. "When I commenced to take this medicine I weighed one hundred and thirty pounds. I have taken six bottles of Dr. Pierce's Golden Medical Discovery and three vials of his 'Pleasant Pellets,' and am glad to say I feel like a new man. I now weigh one hundred and seventy-five pounds. When I had used one bottle of the medicine I could feel it was helping me. I realize Dr. Pierce's Golden Medical Discovery is the best medicine on earth."

Dr. Pierce's Golden Medical Discovery purifies the blood and entirely eradicates the poisons that breed and feed disease. It cures scrofula, eczema, erysipelas, boils, pimples and other eruptions that mar and scar the skin. Pure blood is essential to good health. The weak, run-down, debilitated condition which so many people experience is commonly the effect of impure blood. Dr. Pierce's Golden Medical Discovery not only cleanses the blood of impurities, but it increases the activity of the blood-making glands, and it enriches the body with an abundant supply of pure, rich blood.

FREE. Dr. Pierce's Common Sense Medical Adviser is sent free on receipt of stamps to pay expense of mailing only. Send 21 one-cent stamps for the book in paper covers, or 31 stamps for the cloth-bound volume. Address Dr. R. V. Pierce, Buffalo, N. Y.

The FREE Homestead Lands of Western Canada
are the **Star Attractions for 1904.**



Millions of acres of magnificent Grain and Grazing Lands to be had as a free gift, or by purchase from Railway Companies, Land Corporations, etc.

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Good crops, delightful climate, splendid school system, perfect social conditions, exceptional railway advantages, and wealth and affluence acquired easily.

The population of Western Canada increased 128,000 by immigration during the past year, over 50,000 being Americans.

Write to the nearest authorized Canadian Government Agent for Canadian Atlas and other information; or address Superintendent Immigration, Ottawa, Canada:—

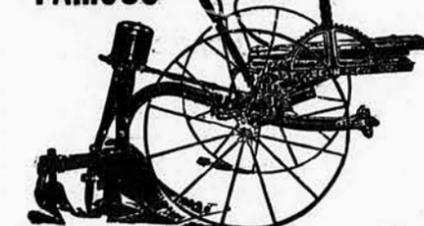
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125 W. Ninth St., Kansas City, Mo.

SOME PEOPLE CALL IT LUCK

The successful farmer says it is modern methods that grows big crops of corn every season.

The Largest Corn-raiser in the World Uses the

"FAMOUS"



St. Joe Listers and Disc Cultivators.

The LISTERS scour always and run deep. The St. Joe Disc Cultivators for listed corn can be adjusted for three times over the corn plowing 20 acres a day better than you can hoe it. Send for catalogue. Department K.

ST. JOSEPH PLOW CO., St. Joseph, Mo

BED-BUGS DOOMED

I have discovered a remedy which instantly rids a house of bed-bugs. In order to introduce it, will send to any address regular 50 cent box, enough for 5 beds, for 25 cents which is actual net cost.

MRS. BERTHA FREMONT, Des Moines, Iowa.

emies, found in certain parasites which feed upon the eggs of the larvæ. Birds are helpful agents in destroying eggs and they should always be welcome guests in the orchards.

Remedies: In combating the canker-worm, two methods are employed, both of which when used intelligently afford ample and effectual protection. The first measures to be taken are to prevent the ascent of the wingless moths. This may be done in two ways: First, to entangle her feet so she is held; second, to prevent ascent past a certain point on the trunk of the trees, so that she will die from exhaustion. In the first instance, a number of substances of a sticky nature are employed, comprising such mixtures as printer's ink, pine tar, or a mixture of resin and castor oil, at the rate of three pounds of resin (white) to two pounds of castor oil, melted together. The above mixtures are applied either directly to the tree in bands or upon bands of stiff paper. These bands should be put on during the first warm days of spring and should be renewed as occasion demands.

The second measure to be enforced is the use of arsenical poisons in the form of sprays.

The most universal remedy used in spraying for the canker-worm is Paris green at the rate of one pound of Paris green to 150 to 200 gallons of water. The mixture should be thoroughly stirred while the spray is being applied to the trees. In spraying, avoid drenching the foliage, but give a fine, misty spray until the leaves are well covered with the mixture, which is usually indicated by slight droppings from the foliage.

The operator should observe carefully the effect of the spray. While the worms are very young the poison of the above strength may be effective. For older worms stronger poison is necessary. The Wellhouse orchards are sometimes sprayed with a mixture of one pound of London purple to 50 gallons of water. Lime and sorghum molasses should be added. The lime prevents the poison from burning the leaves and the molasses makes it stick.

It will be remembered that about one year ago the officers and employees of the Empire Cream Separator Company, Bloomfield, N. J., held a meeting at Salina which was unique. It brought together a company of bright men who are actively engaged in advancing the dairy interests of the country by introducing a hand-separator to the milk-producer. This meeting proved to be such a success that Secretary E. E. Bell, of the Empire Cream Separator Company, has called another meeting to be held in Omaha on March 29 and 30. This will be a gathering of the cream-separator men and farmers and the Kansas Farmer has arranged to have a report of this meeting and present to our readers some of the good things that are provided for this occasion.

Nurserymen Should Be Sure.

Any system that reduces chances of error in labeling nursery stock is worth earnest consideration. When a man pays for fruit-trees of a certain variety, it is good policy for the nurseryman to make sure his customer gets them.

The success of Carl Sonderegger, proprietor of the German Nurseries at Beatrice, Neb., has grown out of his extreme care in delivering just what is paid for. This policy has developed a long list of



confiding customers for nursery stock, who are certain that when it buds, leaves and bears it will be the exact variety they wanted.

Another valuable feature is that Mr. Sonderegger is a careful shipper and his trees and plants all arrive in a sound, healthy, growable condition; in fact, he guarantees their safe arrival at any railroad station in the United States to which shipments are made. Damp moss and expert packing are the reasons why he can send nursery stock to any address. His catalogue is a good one to have at one's elbow. He sends it free anywhere.

St. Jacobs Oil

The old surety, through its penetrating power, promptly cures

Rheumatism

Price, 25c. and 50c.

Local agencies and complete repair stocks everywhere

MCCORMICK HARVESTERS

International Harvester Co. of America, Chicago, U. S. A.

SEEDS FIELD, GARDEN, FLOWER EVERYTHING FOR THE FARMER OR GARDENER.

Planet Jr. Garden Tools, Seed Sowers, Bale Ties, Onion Sets, Large Stocks Clover, Timothy, Alfalfa, Millet, Cane, Kafir Corn, Potatoes, Blue Grass, Orchard Grass. Write for catalogue—FREE. TRUMBULL & COMPANY, 1426 ST. LOUIS AVE., KANSAS CITY, MO.

SEED CORN

All the leading and best varieties of choice selected, thoroughly tested seed corn, which have yielded 75 to 218 bushels per acre. Costs Only 25c Per Acre for Seed. Large descriptive catalogue of Corn and all kinds of Farm and Garden Seed mailed free if you mention this paper. IOWA SEED CO., DES MOINES, IOWA.

ALFALFA SEED

From Locality where Best Seed in the World is Grown. The King of drought-resisting forage plants. Pure and fresh 1903 seed, plump and vigorous, in car or bushel lots. Kafir-corn, cane and millet-seed, macaroni wheat, speltz and broomcorn brush in car-lots. Write us for prices. McBETH & KINISON, Garden City, Kansas.

SEED CORN

Buy Seed Corn that will Grow. We have tested ours and know. All the Leading Varieties, Pure and True to Name. We have a Reputation to make, and expect to do it by giving you value for your money. Write for Price List and Descriptive Catalogue to the

NISHNA VALLEY SEED CO., HAMBURG, IA.

J. G. PEPPARD ALFALFA MILLET, CANE SEEDS
1101-17 W 8th St. KANSAS CITY, MO. GLOVER TIMOTHY GRASS SEED

Great American Desert Seeds

Are the best for general use, because they grow in the very heart of the region known as the Great American Desert, without irrigation. Write for prices and further information. I can furnish Macaroni wheat, Kafir-corn, Jerusalem corn, Manitoba or hog millet Red Siberian and common millet, alfalfa seed, 6-rowed California barley, Big Indian, or Blue Squaw corn. M. G. BLACKMAN, Hoxie, Sheridan County, Kans.

SEED-CORN

Buy your seed of the farmer. Sun- and wind-dried, upland-grown. Early Leaning, Cattle King (Yellow), Mammoth White Dent, Farmers Interest (White). We can ship in the ear, carefully crated, or shelled, in sacks. Write to us for our New Catalogue and Samples. We grow our seed-corn on our own farm.

W. W. VANSANT & SONS, Farragut, Iowa.

Our New Seed Catalogue for 1904

IS NOW READY. Write for free copy. Alfalfa, English Blue-grass, Hungarian, Brome-grass, Cane, Millets, Kafir-corns, Dwarf Essex Rape, Macaroni Wheat, Russian Speltz (Emmer), and other field and grass seeds our specialty. Full line of tree seeds. Address

KANSAS SEED HOUSE, F. Barteldes & Co., Lawrence, Kas
Or Barteldes & Co., Denver, Colo. Or Barteldes & Co., Oklahoma City, Okla.

FIRE DRIED SEED CORN FREE

Cut out this advertisement and return to us and we will SEND YOU FREE, one packet each of Iowa White Wonder, Mammoth Iowa Yellow, White Salamander and Early Yellow Rose, the four most famous varieties of Seed Corn in the Corn Belt; also a Free copy of our illustrated, descriptive Seed Corn Catalogue which fully describes all the leading and best varieties of corn. Write for it today. Its free for the asking. Address

J. B. ARMSTRONG & SONS, Shenandoah, Iowa

LAND BEST in the WEST

Ten years time, one-tenth cash. Rich Farm Land in Kansas, \$5.00 to \$10.00 per acre. Ranch Land in Colorado; \$1.50 per acre. 1,064,000 acres sold in 1903 to farmers and stock growers from the east and north. Excursion, Tuesday, April 5th. UNION PACIFIC LAND AGENCY 523 Kans. Ave. Topeka, and Room 8, Union Depot, Kansas City, Mo.

THE BALTIMORE FIRE

Has destroyed our office, with all its contents. Therefore, for the next few weeks I can not send out maps and literature about Maryland, as they must be reprinted. Meanwhile I shall be glad to answer letters or receive callers at our new offices.

HERMAN BADENHOOP, Secretary State Board of Immigration, 233 Park Ave., Baltimore, Md.

The Stock Interest.

THOROUGHBRED STOCK SALES.

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

March 31, 1904—Zelgra Bros., Poland-Chinas sale at Parsons, Kans.
 March 31, 1904—F. H. Foster, Lyons, Kans., high-grade Percheron horses.
 April 6 and 7, 1904—Scott & March, Belton, Mo., Herefords.
 April 7, 1904—Central Missouri Shorthorn Breeders' Association, Moberly, Mo., E. H. Hurt, Sec.
 April 23, 1904—Staudt & Keeler, Ottawa, Duroc-Jersey.
 April 24 and 25—Aberdeen-Angus Combination Sale, Des Moines, Iowa, Chas. Escher Jr., Manager.
 May 24 and 25—Aberdeen-Angus Combination Sale, South Omaha, Chas. Escher Jr., Manager.
 April 28, 1904—Breeders Combination Sale, Sabetha, Kans., Shorthorns.
 November 1, 1904—W. B. Van Horn & Son, Poland-Chinas at Overbrook, Kans.

Care of Young Pigs.

EDITOR KANSAS FARMER:—Perhaps the most important factor in connection with raising pigs is to keep their quarters clean and dry. Dark, damp, filthy quarters are the direct cause of a large death-list in many droves. The quarters should be clean and arranged in such a way as to allow the sunshine to reach a large portion of their interior. Sunlight seems to be a necessity to the health and vigor of young pigs. Pigs farrowed in damp, rainy weather never do as well as the ones born in clear, dry weather, no matter how well they are cared for.

The young pigs must also have exercise if they are to be kept healthy. If they have no place to run and play in the sunshine, and are kept in a small pen or house they are apt to lie still in the nest, grow fat and many of them die from the disease known as "thumps." The digestive system becomes impaired and they look rough and out of condition. Always make the sow come out of the house to get her food and if possible feed her quite a distance from her nest. This gives her some exercise and if the pigs follow her, as they generally do, it will be beneficial to them.

As soon as the pigs begin to eat from the trough with their dam it is a good plan to fix a small trough separate for them and feed them some nitrogenous, easily digested food. Finely ground corn, one part to four parts of wheat shorts makes a very satisfactory ration. The pigs like this best when it is mixed with just enough water to wet it through. This makes a thick mush which, if fed in proper amounts, will keep their bowels in excellent condition. Do not make the pig overload his stomach with water in order to get enough to eat.

R. N. DORMAN.

Some Hereford Lore.

Some Hereford facts have been compiled by the Chicago Live Stock World as follows:

"The peculiar adaptability of Hereford cattle to the South has long since been recognized by experts in the line of bovine improvement.

"Kentucky has numerous fine herds, including the grand champion bull at the 1902 International Live Stock Exposition, 'Britisher.'

"Prof. Andrew M. Soule, of the Tennessee Agricultural Experiment Station, has demonstrated how great a part the Hereford can play in the up-building of 'Beef Breeds in the Middle South.'

Dr. Geo. E. Nesom, State veterinarian of South Carolina, testifies to the popularity of the 'whitefaces' in that region, and has some remarkably fine specimens, both home-grown and Northern-raised, in the Clemson College herd.

"Practical Chicago stockmen are demonstrating the profit and pleasure there is in grading up Texas as well as piney-woods heifers with Hereford bulls in the cheap lands of western Alabama.

"The famous Hereford man, T. L. Miller, spent the latter part of his active and wonderful life in showing that Hereford cattle thrive and prosper in the winterless climate of western Florida, and if he had been permitted to live a few years longer, good judges feel sure that the name of DeFuniak Springs would have had more than a National reputation on account of the great herd he was building up there.

"Dale, the highest-priced Hereford bull ever sold at auction, was sold out of an Indiana herd to an Illinois man; also Dale's famous son Perfection, is owned in Illinois, and Perfection Yet (134616), a son of Perfection, sold as a calf for \$1,300, and heads the herd owned by M. E. McGuire, at Carbondale, Ill. These facts speak volumes for what the Herefords do in the Hoosier and Sucker States, where some of the finest herds of the breed have been grown.

"The records of the great Smithfield show and market in London indicate the top-notch esteem in which these cattle are held in the land of their origin.

"The thick but mellow hides and heavy coats of hair make the Herefords especially hardy where the Southern tick has not yet been eradicated.

"Secretary Chas. R. Thomas, of the American Hereford Cattle-breeders' Association, recently returned from an extended trip through the South, where ticks were unusually prevalent, and says 'From a number of the largest ranch-owners I learned that the Herefords stood the test admirably and were prime favorites.'

"The Hereford has an established record for early maturity and greatly excels all other breeds in maturing on grass alone.

"When Texas-bred and Texas-raised Herefords can be sent to Northern and Eastern feed-lots and fitted so as to win first honors at the International Live Stock Exposition in car-load lots, and when it is no uncommon thing for Southern-bred Herefords to top the Chicago market on several days of the same week, there can be no room to doubt the wonderful adaptability of 'whiteface' cattle for farmers and feeders in southern Illinois, Arkansas, Indian Territory, and, in fact, throughout our entire progressive and resourceful Southland."—Chicago Live Stock World.

Hog Cholera.

Hog worms are often the starting of hog cholera. Keep the hogs clear of worms and they will not be so liable to take disease. The Snoddy Remedy is no doubt the greatest worm remedy there is on the market. After a few doses of this remedy is fed you will see piles of worms lying around in your hog lots. It destroys the kidney, liver and lung worms, the same as it does the stomach and bowel worms.

Not only this, but this remedy is a positive cure for hog cholera and swine plague. Really it is the only thing that can be depended on after the disease is once started in a herd. Its action is certain and never fails when plenty of it is properly used. It is cheap and easy to use. Any practical farmer can cure and stamp out the worst outbreaks of hog cholera that ever came and restore his hogs to perfect thrift in a few days' time with this remedy. It is now saving millions of dollars annually for hog raisers.

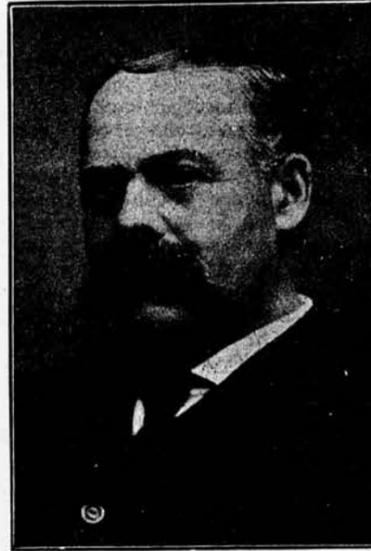
Oliver C. Gordon, Eudora, Kans., lost a lot of his feeding hogs from cholera before he heard of this medicine, but he cured his hogs with it as soon as he could get it. After seeing that it was so certain to do the work, he put in fresh hogs in these infected lots to build up his herd to the number he needed and gave them the cholera and cured them without the loss of a single hog. This process renders them immune to the disease, and he is feeding them out in the lots in safety. No other remedy will stand such a test. This is positive proof of its merit.

Snoddy's free book on hog cholera fully explains this treatment. It contains valuable information for every hog raiser and is free for the asking. Costs you nothing but the postage to send your name and address to the Snoddy Remedy Co., Dept. W., Alton, Ill., then you will get it by return mail. Every hog raiser should write for this free information.—[Adv.]

Economy.

There seems to be little possibility, at any rate not any immediate possibility, that a substitute for horse power in the operation of farm machines will be adopted by modern farmers in their field work. The horse still pulls the binder, the mow-

er, the reaper; in fact, is indispensable in grain-fields the world over. Because of his general usefulness and great capacity for work, the horse is given much consideration and usually the best of care by the considerate farmer. The far-seeing, practical farmer of to-day believes it will inure to his own benefit to take the best care of his field power. Real economy is to get the most actual work out of a horse for the longest possible period of time. The McCormick Harvesters are known to be remarkably easy on the horses, and thousands of farmers have purchased O. K. machines because they knew it meant the saving of their horses.



JAS. P. PETERS, KANSAS CITY, MO.

Herewith we present the correct likeness of Mr. Jas. P. Peters, Kansas City, Mo., president of the Jas. P. Peters Commission Company, successors to McIntosh & Peters Live-stock & Commission Company, rooms 274 and 275 Live-stock Exchange, Kansas City Stock Yards. Mr. Peters is one of the representative and successful live-stock commission merchants at the Kansas City Stock Yards and considered one of the best salesmen of fat cattle in the yards. He has by his untiring energy and perseverance built up a business second to none, and has associated with him some of the most competent and reliable salesmen for different classes of stock that were obtainable, among which may be mentioned Joe Inman, who has been head cattle salesman for Mallory Commission Company for the past four years, and is one of the best salesmen at the yards. Thomas M. Brandon, who sells and buys the stockers and feeders, has had long experience in handling this class of stock. Lee Jefferson is the representative salesman on the range and out-of-town locality, and Messrs. Ed. Brown and Carl Jefferson look after the hog department, and Mr. Leitch, assisted by Mr. Hill, has charge of the sheep department. All these associates are men of experience that have won their way to good positions on their merits. Office matters are in charge of J. A. Peters, Jed Stratton, N. H. Williams and John E. Hale, the latter has spent the best years of his life in the live-stock commission business and is considered one of the authorities on the live-stock market and conditions.

This firm has placed their regular card in this week's Kansas Farmer and would like to receive consignments of stock from any of our readers, and authorize us to assure them that their stock will be well cared for and the full market value realized for the same. The firm will furnish market reports free, to any one having stock to ship, and give detailed information regarding the market.

The Kansas City Hereford Combination Sale.

The March combination Hereford sale was held this year at Kansas City fine-stock pavilion on March 23 and 24. Practically everything in the catalogue was sold and the good animals offered brought good prices, though the general average was not high. The demand for bulls was fairly active at the prices paid but the thinner heifers were hard to sell. The attendance at the sale was rather light on the first day when compared with that of two or three years ago, but it was better than has been observed at some recent sales. There was a material change in the crowd on the second day and the bidding was more spirited and the prices somewhat better than on the first. The American Royal prize-winning bull, Sensation 121326, sired by F. Rockefeller's Columbus 17th, was one of the best bulls in the offering. He went to J. S. Lancaster & Sons, Liberty, Mo., for \$375. Prof. F. B. Mumford, of the University of Missouri, secured two excellent cows. During the second day of the sale a tremendous downfall of rain commenced about the time of the opening of the sale and made it decidedly uncomfortable for buyers who desired to be in the sale-ring on time. Taken as a whole the sale was satisfactory in showing that the demand for good stock is still active while the poorer fitted animals were something of a drag. The consignors to the sale were Benton Gabbert and S. J. Gabbert, Dearborn, Mo.; Z. T. Kinsell, Mt. Airy, Iowa; G. E. Reynolds, Kansas City; N. Kirtley, Savannah, Mo.; Lancaster & Sons, Liberty, Mo.; T. C. Sawyer and W. B. Waddell, Lexington, Mo.

The sale was conducted by Cols. R. E. Edmonson, Kansas City, and J. W. Sparks, Marshall, Mo., in their customary able manner. The sales in detail were as follows:

FEMALES.
 Curlew 2d 144046, B. Gabbert to J. E. Wells, Weston, Mo. \$125
 Curly Girl 135738, Reynolds to J. E. Wells. 60

Horse Owners! Use GOMBAULT'S

Caustic Balsam

A Safe, Speedy, and Positive Cure
 The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUTERY OR 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.

Spavin and Ring-bone

Once hard to cure—easy now. A 45-minute treatment does it. No other method so easy, quick and painless. No other method sure.
Fleming's Spavin and Ringbone Paste cures even the very worst cases—none too old or bad. Money back if it ever fails. Lots of information if you write. Book about Spavin, Ringbone, Curb, Splint, Bog Spavin and other horse troubles sent free.
 FLEMING BROS., Chemists,
 312 Union Stock Yards, Chicago, Ill.

SHOO FLY HORN PAINT

makes DEHORNING safe any month, heals the wound quickly, keeps all wounds, cuts or sores free from fly infection until healed, permits castrating of animals any time with safety. Used on 50,000 head of cattle and no failures. It will do all claimed for it. Once used you will never dehorn without it. Endorsed by prominent stockmen. One quart is sufficient for 100 cattle. Sold at leading Stock Yards and druggists at \$1.25 per pint, \$2 per quart, \$3.50 per 1/2 gallon, \$5 per gallon. If your druggist does not keep it send order to the manufacturer.
 H. B. READ, Ogallala, Neb.
 Write him for descriptive circular and testimonials.

LUMP JAW NO CURE NO PAY

W. S. Sneed, Sedalia, Mo., cured four steers of lump jaw with one application to each steer; and J. A. Keeseaman, Osborn, Mo., cured three cases with one application to each. Hundreds of similar testimonials on hand. Full particulars by mail. Write to
 CHARLES E. BARTLETT, Columbus, Kans.

FOR CATTLE & HOGS
 PREVENTS HOOG CHOLERA
 SHEEP & STOCK BARNES, SCOURG, FEVERS, ETC.
Dipolene!
 FOR SHEEP & LAMBS
 FOR PLANTS TREES ETC.
 WRITE FOR PRICE AND ITS USES
 MARSHALL OIL COMPANY
 MARSHALLTOWN, IA. SOLD BY EVERY DRUGGIST

TRY KARBOLENE FREE HOG DIP

Karbolene is best and cheapest Hog Dip. Sample gallon free. If not satisfactory send express receipt and we will refund express charges; if satisfactory, charges will be credited on your first purchase. Price, \$4.50 for five gallons; Dipping Tanks, \$9.00. Address
 UNION SUPPLY & MFG. CO.
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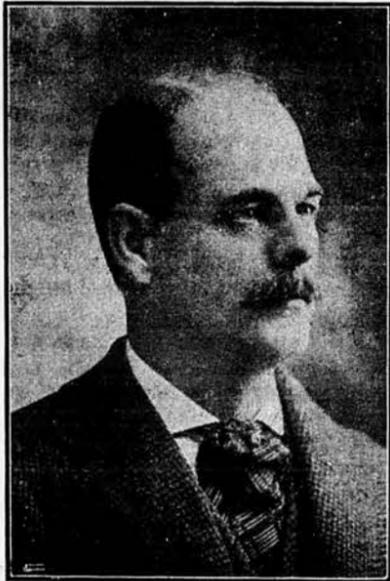
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SUMMARY.
 34 bulls brought..... 3,365.00
 Average..... 98.98
 62 females brought..... 6,435.00
 Average..... 103.79
 96 head brought..... 9,800.00
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The Young Folks.

CONDUCTED BY RUTH COWGILL.

THE KANSAS EMIGRANT'S SONG.

We cross the prairies as of old
The pilgrims crossed the sea,
To make the West, as they the East,
The homestead of the free.

We go to rear a wall of men
On freedom's southern line,
And plant beside the cotton tree
The rugged Northern pine!

We're flowing from our native hills,
As our free rivers flow;
The blessing of our mother land
Is on us as we go.

We go to plant her common schools
On distant prairie swells,
And give the Sabbaths of the wild
The music of her bells.

Uphearing, like the ark of old,
The Bible in our van,
We go to test the truth of God
Against the fraud of man.

No pause nor rest, save where the streams
That feed the Kansas run,
Save where our pilgrim gonafalon
Shall fout the setting sun.

We'll sweep the prairies as of old
Our fathers swept the sea,
And make the West, as they the East,
The homestead of the free.

—John G. Whittier.

Over the Border—A Story of the Kansas Pioneers.

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I.

CHAPTER I—PILGRIMS OF THE PRAIRIE.

On the 29th of March, 1855, a clumsy "prairie schooner" was wending its cumbrous way into Kansas Territory, a slowly moving speck upon the sunny prairie. Stalwart oxen drew the heavy, canvas-covered wagon, and a dog dragged wearily beside it. A long tent-pole stuck out at the rear, at one side of which trudged a sturdy boy of twelve or thereabouts.

In the front of the wagon, upon a seat made by a pile of household goods, sat three people—an old man, evidently a Friend by his dress, beneath whose plain broad hat the hair showed gray and silvery. He wore the face of a dreamer, absent and half-sad. His companions were a rosy child, fast asleep against his arm, and a young girl whose face was almost hidden by the huge, gray Quaker bonnet, which she wore tied tightly down, probably for protection from the wind, which all day had been blowing lustily over the low hills.

Just now the company was even to the boy, for it was of day so solemn and so beautiful on the prairies, when the gorgeous sun is sinking toward its resting-place, and the wind has dropped to a whisper. Gradually an alien sound arose, approaching hoof-falls beating themselves into the consciousness of the travelers.

"Henry, does thee see any one?" asked the girl, of the boy at the back of the wagon.

"Not yet. Just wait till he gets to the top of that bluff, and I'll tell thee what he looks like."

"Father, there is some one coming behind us," the girl said, a little nervously. "Does thee think we had better turn out a little till he is past?"

"No, child, no. 'Tis doubtless some traveler bound for Lawrence, as we are."

"But, father, it may be some of those Missourians, and—thee knows they are rude, wild men."

"Nay, child," he answered her, turning his gentle glance upon her. "Thee need have no fear. They will not hurt thee."

"But, father," she persisted, still more anxiously, as the sound came more distinctly to them, "they said they would kill every abolitionist—I heard them say it, and—"

"Hush, Sarah," he interrupted, sternly. "Thy father is no abolitionist. Thee knows I do not believe in battle and bloodshed and disorder. The Lord will work out the salvation of our Nation in His own way. We need only have patience to wait. Thee must remember that though we hate slavery yet we are not open to the charge of abolitionism; and thee need not be afraid that any ill will befall us, for we wish no evil to any one. Our hearts are full of kindness to all."

The boy had vaulted into a seat in the rear of the wagon and had become so absorbed in his own observation of the approaching traveler that he had forgotten to inform his sister, as he had promised. Just now he called out, "Thee need not be afraid, Sarah. This is no Missourian." And in a moment the man rode up, drawing in his horse to a slow walk beside them. He was a young man, scarcely more than a boy, of prepossessing appearance, who sat his horse with a grace uncommon among the people thus far met with in this country.

Sarah, gazing at him inquisitively from the safe shelter of her bonnet, noticed a good-sized knot of hemp in his button-hole, which struck her unpleasantly, for she had learned already that it was the badge of proslavery. He doffed his hat.

"Friends, if you are going to Lawrence, we may as well be companions on the way," he said, with an assurance that was not unpleasant. He had the accent and peculiar charm of manner of the Southern gentleman.

"Thee is welcome to go the few rods further in our company," answered the old Quaker. "Lawrence, if I mistake not, is just over yon knoll."

"It is over the knoll, but several miles beyond," returned the young man. "It will be well on into the night before we reach it."

The old man looked somewhat troubled.

"Have you no friends in Lawrence?" asked his new companion, catching the expression.

"No, we are strangers in a strange land. We will doubtless have to spend one more night on the prairie, for we are weary with our long traveling, and will be ready for rest long before we can find shelter in the town."

"Yes," assented the young man in his slow and friendly way. "By the way, though, there is a small settler's cabin somewhere just off the road between here and Lawrence. It will be better than camping on the open prairie."

"Does thee think they would shelter four travel-worn pilgrims?" The old man put the question with a tentative smile.

"Oh, no doubt of that," replied the young man. "These settlers seem very hospitable."

"Then I thank thee for thy information. Does thee live in the Territory?"

"I have been here once before. I am thinking of taking up my residence for a time at Leavenworth. Burk is my name—Howard Burk, of South Carolina."

"Here come your Missourians, Sarah!" Henry called out, excitedly.

Sarah looked back apprehensively, and the young man gazed curiously at the gray bonnet, rather wondering what sort of a face it hid, for only a smooth, round chin had yet been visible.

A motley crowd was approaching, shouting hoarsely, laughing, gesticulating, brandishing beer-bottles and rifles indiscriminately. Some were on horseback or on mules, some were in wagons. They were a dirty, unkempt, tipsy, low-looking band, dressed in homespun generally, with bowie-knife in belt, and many pistols visible. In each buttonhole was conspicuously tied a knot of string or ribbon. They looked suspiciously at the old man.

"Friends o' your'n, Cap'n?" one shouted, while they all gathered around the wagon.

"Yes," said the young man, "they are friends of mine."

"Sure they ain't no durned abolitionists, be ye?"

"Speak for yourself, sir," he said to the old Quaker, flashing a look of momentary suspicion at him.

"We are not abolitionists—" he began.

"Ho—they all say that!" "Ask him if he's all right on the goose question." "We don't 'low no doggon'd nigger-stealers in this yere territory, by —!"

"We're going down to clean 'em out, d— 'em!" "Better not go on, neighbor." "It's going to be mighty hot fer nigger-thieves down to Lawrence."

Such expressions as these, interspersed with a perfect din of oaths and

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maledictions, interrupted the old man. "Where ye from, ol' man?" queried one at last.

"From eastern Pennsylvania." This answer created a short silence. "Mebbe he's all right, 'n mebbe he ain't," said one, evidently in painful doubt as to how to proceed.

"Come, come," said the young man impatiently. He had been listening disdainfully to what had passed. "This is enough of this sort of thing. I have told you they are friends of mine. That is enough, I hope. Now go on about your affairs."

Suddenly the fierce-looking band began to move off. The big wagon began to move joltingly forward again, and Henry came forward with a great show of bravery as they retreated. Sarah breathed a great sigh of relief and hugged the pretty child who had opened her eyes at the rude outbreak and had sat in perfect quiet during the whole dialogue, listening with wondering eyes to these loud-talking strangers.

The clumsy bonnet fell back from the girl's face as she kissed the child. It was a beautiful, piquant face under demurely parted dark braids.

"Isn't thee glad they didn't hang us all, Sarah?" said Henry, teasingly.

"Hush!" said the sister with a little shudder, for she had heard threats and tales of violence when on the steamboat and also at Westport, and it seemed to her too serious a matter to jest about.

"Say, I heard two of them talking about tar and feathers—what's tar and feathers, father?"

But by this time the father was deep in a discussion of slavery with his new-found companion, to which Sarah appeared to be listening with great interest. So Henry came up alongside the oxen to hear it.

"Slavery is an unrighteous institution, which the Lord looks upon with anger," the father was saying. "It will some day be blotted out."

"Oh, then you are an abolitionist after all!" The young man interrupted with an indescribably contemptuous emphasis.

"Nay, not an abolitionist, for I agree not with Wendell Phillips and some of our Northern fanatics, that the whole Government must be done away with in order to rid us of an evil that is threatening to undermine our Government. I believe that slavery will die out and crumble away of itself, in time."

"There you are wrong," Burk spoke fiercely. "Slavery has come to stay. It will grow and spread until it is a part of the National life. It will capture Kansas first—tomorrow you will find your whole free-state vote outnumbered twenty times. We are bound to win—if peaceable means fail—" the young man stopped as if in regret that he had said so much.

"Thee that take the sword shall perish with the sword!" quoted the old man. "We go not to Kansas to fight, but to make us homes in peace and liberty. Thy threats of violence do not frighten us, for what is thy puny strength against the will of the Almighty?"

It had now grown quite dark and the road was rough and uneven. The young man made no reply to the solemn words just spoken, and rode on in silence, a strange depression on him. Henry had climbed sleepily into the wagon and was wearily wishing for home.

The baby stretched her little arms wearily and murmured, "I want my muver." Burk thought he heard a smothered half-sob in the darkness. A sudden feeling of pity swelled his heart for these wanderers in the desert. The girl with her beautiful, half-attained womanliness, the pretty, homesick child, the white-haired, sorrowful-faced old prophet all made a strong appeal to his sympathy.

"We're almost there, now," he said cheerily. "Here's the Wakarusa—don't be frightened. It is shallow here and I'll go ahead and see that all is right." They heard him splash through the water, then the call, "It's all right."

The wagon lurched forward, they heard the running of the water under them as they jolted over the stony bottom—another lurch backward—a long, steady pull,—and they were across. A dim little light twinkled ahead of them.

"Here is the place," said their guide. He rode with them a few steps further until they reached a house dimly outlined in the darkness, where the little light was shining, and knocking loudly at the door, waited until he saw that they were admitted and welcomed, then rode on into the darkness.

(To be continued.)

For the Little Ones

A LITTLE GIRL'S WISH.

"I wish I was a boy," said our Mary. The tears in her great eyes of blue, "I'm only a wee little lassie, There's nothing a woman can do."

"'Tis so, I heard Cousin John say so, He's home from a great college, too; He said so, just now, in the parlor, There's nothing a woman can do."

"My wee little lassie, my darling," Said I, putting back her soft hair, "I want you, my dear little maiden, To smooth away all mother's care."

"Is there nothing you can do, my darling, What was it that 'pa' said last night? My own little sunbeam has been here, I know, for the room is so bright."

"And there is a secret, my dearie, Perhaps you may learn it some day— The hand that is willing and loving Will do the most work on the way."

"And the work that is sweetest and dearest The work that so many ne'er do, The great work of making folks happy, Can be done by a lassie like you!"

Wise Little Chickens.

BY CONSTANCE HAMILTON.

"I want to borrow your mother, chickens," Aunty Leigh said, gaily. "My old Speckle-sides has struck, and of all times—just when the eggs are hatching out! She will stand up on the nest, and she won't care about the poor little 'peep, peep, peep'-ings at all. I've got to shut her up in the penitentiary."

Aunty Leigh cuddled the five wee yellow fluff-balls in her kind hand, one at a time. Then she put them down in Mrs. P. Rock's house with all the Rock children. Mrs. P. Rock spread her soft checked petticoats and made room for them cordially.

"She'll be good to you, chicksies," Aunty Leigh cooed, softly. "She's a beautiful mother. And you will have such a splendid time playing 'chase the bug' with your cousins! You'll forget all about your other mother in a twinkling."

"O aunty, won't they be just as lonesome's they can be?" cried Witch Hazel, sympathetically. "I would. I shouldn't sleep a wink to-night."

Aunty Leigh laughed. She knew something about Witch Hazel's homesickness. Had she not told her stories by the ream to cure it?

"Little girls and chicken babies are made in different molds, sweetheart," she said. "The chicken babies haven't any remembers." But Aunty Leigh had to take that back a little a few days later. She found that she was not as well acquainted with little yellow fluff-balls as she thought, if she had brought up families and families of them. Anyway, she was not acquainted with their "remember"!

"I shall put the new babies downstairs to-day," she said, one morning. "They are three days old, and ought to be getting out into the world. Come, sweetheart, let's go out and do it now." And away went Aunty Leigh and Witch Hazel. The new family was brought down, and its bit of a house set among the other houses—the "old residents"—houses, aunty called them. "Coop Cottage," Witch Hazel called the new one. "There, chicksies," aunty said, "make yourselves at home! It's a very sociable neighborhood."

Just then the mother of the new family made a remark. It was not very distinct, but it sounded something like "Look, look, look—out!" Her voice was loud and anxious.

"Look, look, look—out!" she clucked again. And then what do you think happened? At the sound of her voice five wee yellow fluff-balls came hurrying, scurrying across the sunny barn floor to her. They were Mrs. P. Rock's little adopted children, and they had heard their own mother's voice. How they scurried! Straight to Coop Cottage! Do you think—could she have remembered them and been calling to them all the time?

"Well, well!" Aunty Leigh cried. And Witch Hazel looked as if she would like to say, "I told you so!" if it had not been so impolite.

"They were lonesome," she murmured.

"And they did have remembers," aunty said, smiling. "Maybe, after all, little girls and chicken babies are a good deal alike. Bless the chicksies! They shall have their mother back again. Go over, sweetheart, very, very ea-sy indeed, and see if you can't introduce them to their new brothers and sisters."

And Witch Hazel went so "ea-sy" and was so very gentle that when the mother spoke again, she said, "Look, look, look! Aren't they lovely?" as proud as could be.

"Dear little chicken babies!" murmured Witch Hazel, gently. "You were so glad to hear your mother's voice again!"

A bit of a yellow head appeared from behind the mother's skirts and nodded at her gravely. Then another bit of a head and another, till she counted five. Witch Hazel nodded back.

"Good-by, little babies!" she cried. "You shall sleep in your own feather bed to-night!"—Constance Hamilton, in Youth's Companion.

"Everybody ought to know," says the Family Doctor, "that the very best thing they can do is to eat apples just before retiring for the night. The apple is an excellent brain food, because it has more phosphoric acid in easily digested shape than any other fruit. It excites the action of the liver, promotes sound and healthful sleep, thoroughly disinfects the mouth and prevents indigestion and throat diseases."

The Home Circle.

CONDUCTED BY RUTH COWGILL.

IF I CAN LIVE.

If I can live
To make some pale face brighter, and to give
A second luster to some tear-dimmed eye,
Or e'en impart
One throb of comfort to an aching heart,
Or cheer some way-worn soul in passing by;

If I can lend
A strong hand to the fallen, or defend
The right against a single envious strain,
My life, though bare
Perhaps of much that seemeth dear and fair
To us on earth, will not have been in vain.

The purest joy,
Most near to heaven, far from earth's alloy,
Is bidding clouds give way to sun and shine;
And 'twill be well
If on that day of days the angels tell
Of me, "She did her best for one of Thine."
—Helen Hunt Jackson.

Farming as an Occupation for Woman.

MRS. BLAIR SEYSTER, BEFORE BROWN COUNTY INSTITUTE.

[The following refreshing bit of cheerful entertainment comes from the Brown County Institute. It must, indeed be a shallow brain, or else a hopelessly unobserving one, which can think that the position of a farmer's wife is a degrading one. The most beautiful women in Kansas, those of the sweetest character and most genuine culture, are living, or have lived, on the farm. Every one who has opportunity to observe will acknowledge this. What better proof than this that the country is a good place for women to live?]

What is more pleasant or healthy than to arise in the early morning and inhale the pure, fresh air, as we go in and out attending to our many household duties?

Who can be more free or independent than the farmer's wife? We work when we please, rest when we please, go and come when we please; why should we not enjoy ourselves?

The wonderful mechanical inventions which give freedom and power to woman as well as man have helped lighten our labors and made it possible for woman to carry on the farm work as well as man, if she wishes so to do, or if her circumstances are such that she is compelled to run the farm.

Many think it degrading, and that woman is getting out of her sphere when she assumes that role; if such be the case, why do they teach agriculture in the State Universities to the girl students? The study of agriculture at the University of Missouri has advanced with such strides that it has this year surpassed all other studies in popularity.

All the co-eds in the agricultural department call themselves "girl-farmers"; they constitute 25 per cent of the students and rival the boys in the agricultural spirit; the dairy department has the largest enrollment of girls. They are also interested in stock-judging and some of them manifest such ability in this line that their class-grades equal those of the boys.

Through some of the Western States you will find young ladies owning and superintending all the different departments of work on a ranch. I could cite you to many a prosperous farmer who is not capable of running an old setting hen, to say nothing of a farm, were it not for his shrewd, energetic wife, who has to do all the planning—in fact, run the farm. Even after the work is all planned, in order to have those plans executed, she has to get out and help him do the work; then the husband gets the credit of being a good financier. That is all right, but were she to do it alone it would be considered degrading.

What about the widow who has been left with a family of small children with no means of support save what she can get off of a mortgaged farm? Must she sit down and fold her hands? No, she will not do that. She puts her shoulder to the wheel, keeps the farm-work moving, lifts the mortgage, and educates the children. If she had not carried on the farm-work, who would have done it for her, or how could she have maintained her family?

The idea that many have of the farmer's wife is absurd. I chanced to hear

a lady remark that she would not live on a farm, for all the women do is to run after chickens. If such be the case who does the rest? Our lives are not continual rounds of drudgery, as some think. We, like all good housewives and mothers, turn our attention to the home. We try to make comfortable, pleasant homes that our families may enjoy. We try to train our boys and girls so that we may be proud of them. We do not turn them out in the street to seek pleasure we know not where, just so they do not bother us in the home, put a chair out of place or disarrange a cushion. Home-making is not a trade depending on special technique; its principles are not peculiar to itself but general to life. It can not be taught in schools, it must be learned by experience in the home, where it is successfully practiced.

In the farm-home we have time for music, fancy-work, club-work, reading circles, and many other helpful things that are common to our every-day life.

Talent is not all confined in city limits. The smartest and best men the world has ever known were farmer boys, and must each have had a mother who did not spend all her time chasing chickens; she was capable of training them in all lines of work. Yet we are sneered at by those who might be called shallow brains; some call them "society people." They only know us when they want some of the farm produce. They consider us far beneath them. One Hiawatha lady made the remark to a farmer's wife that at one time she was engaged to a young man, but he was a farmer and she could not marry him for she thought it was so degrading to be a farmer's wife. What a narrow escape that young man had! I, for one, am glad I belong to that so-called degraded class, and my advice to the young people is, stick to the farm.

How May a Farmer's Daughter Enjoy an Income Without Teaching School and Yet Live at Home?

HESTELLA CAROTHERS, BEFORE BROWN COUNTY INSTITUTE.

[There are some suggestions that are worth thinking about in the following practical paper from Brown County Institute. We do not put it in the Young Folks 'page, because we think there are some things in it that it were well for older ones to think about. Sometimes parents do not understand just how their daughters feel in regard to many matters.]

There may be some who have not stopped to think that their daughters ought to have and really desire an independent income. Perhaps you may think that if the girls are given their board, clothing, and a little spending-money, that is sufficient and in fact all that can safely be given them, lest they become mercenary.

It has always been a puzzle to me why a boy should be given a horse, a calf, a good pig, or a patch of ground for wheat or corn for the sake of an independent income, while a girl would be laughed at were she to mention such a thing for herself. We girls are just as independent as our brothers. We possess just as good business qualities and it is just as humiliating for us to ask for our "pin money" as it is for them. In discussing this question, however, we take it for granted that the girl has reached the age of eighteen and would receive a compensation for her labors were she a boy who had reached the age of twenty-one; also, that she has previously secured her education.

I am not going to advise poultry-raising the first thing; firstly, because it has been worn out; secondly, because you expect me to; and thirdly, because it does not seem altogether wholesome to me. Allow me to explain the last reason. Suppose the indulgent mother offers to give her daughter one-half of all the chickens raised. She does this honestly, no doubt, but at the end of the year the girl is dismayed to find nothing to show for her year's work. Why? The one-half which was to have been the daughter's proved to be all roosters whose lives were sacrificed to

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Have You Considered

how very many serious illnesses develop from small ailments? The digestive and secretive organs become slightly deranged, and unless the cause is removed, the trouble becomes aggravated and lasting; sickness is certain. The secret of good health is to right the wrong in its early stages, and no better corrective is known than

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appease the appetites of father, brother and hungry farm-hands.

You are sure, now, that I will advise stock-raising. But again, I do not believe a girl will feel satisfied if you give her a pig that you admit is a trifle runty, or that has one or two legs broken, a back bone which greatly resembles a knife-blade, and whose every rib may be counted from a distance. Nor will she feel elated over a dwarfed calf that she must either raise on skim-milk or butter-milk for fear of robbing the family.

Do not mistake me and think these not good ways in which a girl may make an income. I use them to show that in these cases, as well as in all which I shall mention, the girl must have the cooperation of her parents if she attains the greatest success.

There is nothing more healthful for any one than out-of-door work. The girl could mow and rake the hay, run the binder and cultivate the corn, and receive, as a matter of course, the same wages a farm-hand would get were he to do the same work. Then there is gardening that may be carried on very profitably. This will last from early spring until late into the fall. The girl can make the hot-bed and sell the plants at a good profit. Forty dollars has sometimes been netted from one hot-bed. Later in the spring comes the garden-stuff to be marketed. Along with this might be sold home-made pies, cakes, cookies and Dutch cheese. This work requires punctuality and perseverance, but what does not if we make a success?

Some one has said that woman is a natural horticulturist. Here, then, is another chance. A small patch of ground is necessary and the cultivation of raspberries, blackberries, strawberries, and currants may be made profitable. The fresh fruit may be marketed but if not convenient to the market it may be made into jelly, preserves and jams. The women in town greatly prefer this to the weak, factory-prepared fruit. In doing this, I think it would be advisable first to get an order from those women who will buy those products so that the girl may have some idea of the quantity to prepare. Some women prefer furnishing their own jars and glasses.

Along the line of out-of-door work is dairying. Two or three good Jersey cows will make a neat income for a girl. The milk or cream may be sold or the girl may make and sell the butter. Cheese may also be sold. One girl cleared \$80 one summer by making and selling cheese. After all, so much depends upon the girl that we must look for other occupations besides open-air work. At this day and age of the world embroidery is much in many ways to a woman. A girl who has had an opportunity of learning this will find plenty of other women who have not but who are willing to pay her if she will teach them. Country girls would like to do these things, but owing to the fact that no teacher is near, they let it go, and this part of the enjoyment of life is never realized.

Millinery is another thing which may supply the girl with "pin money." Women who are too poor to pay the milliner for cleaning and trimming a hat will gladly gather up the odds and ends of ribbons, flowers and tips for an accommodating country girl to trim her old hat, and will think the price charged not beyond her means.

I wonder if a girl has ever thought how great a demand there is for women to do plain sewing. The busy housewife has not the time even if she has the genius to make the garments for herself and children. Almost any girl can fit into this place and a busy one she will find it. One especially gifted along the line of designing pretty, stylish dresses may also be kept busy.

Then, would it not also be a good plan for a girl to make wrappers, aprons, pretty little dresses for children, sunbonnets, etc., for the stores? The factory-made garment is both poorly sewed and of inferior quality but is almost a necessity in some families, who realize that it is usually money poorly expended whenever such article is purchased. I do not know of

any one who has tried this plan, but I do know of a girl who crocheted hoods and sold them, feeling well-paid for her work. Another I have in mind made fancy belts, collars, handkerchiefs, centerpieces and cushion-covers.

Frequently we find a girl who can not sew but who can cook, much to the delight of her own brothers and also of other girls' brothers. This young woman is always in demand; in fact, she is indispensable. How comforting it is, during the thrashing season and corn-shelling time, to know there is a girl whom you can depend upon for help. Or when company comes in unexpectedly to know that "one of the boys" can run over and get her to help you. In the meantime you feel sure that the salad will be tip-top and the dessert delicious.

And now, will you pardon me if I mention a plan which at first may seem somewhat theoretical? Long before this subject was mentioned to me as a topic to be discussed, I wondered why some girl who had received training for a nurse did not impart some of her knowledge to other women. So few of us know how to bandage a wound, ventilate a room, give a bath to the sick, prepare food or do a dozen other essential things. I am sure we could well afford to pay one for a course along this line.

One more thing which I have not seen tried but which I believe could be made a success would be a class in English. The country, as a rule, is destitute of English students, but it is not destitute of those who are hungry for a more thorough knowledge of it. If there is any one capable of conducting such a class she ought to try it.

There are other ways that may be thought of by which a girl may enjoy an income, but I shall not weary you by enumerating them. I have, however kept what I consider the very best way until the last. It is this: Keep the girl at home and pay her a stipulated sum per week for her services. We girls are as loath to leave home as you are to have us leave it but we do not think we are justified in staying if we feel we are a burden and you ought to be proud of us that we do feel so. We are as interested in lifting the mortgage from the place as you are, but we know we will be more willing and by far more capable of helping if we have something we can call our very own.

Club Department

OFFICERS OF STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. Cora G. Lewis, Kinsley
Vice-Pres.....Mrs. Kate E. Applington, Council Grove
Corresponding Sec'y.....Mrs. Eunice H. Brown, Olathe
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Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1895).
Give and Get Good Club, Berryton, Shawnee County (1902).
Woman's Literary Club, Osborne, Osborne County (1902).
Ladies' Reading Club, Darlington Township, Harvey County (1902).
Woman's Club, Logan, Phillips County (1902).
Domestic Science Club, Osage, Osage County (1888).
Ladies' Crescent Club, Tully, Rawlins County (1902).
Ladies' Social Society, No. 1, Minneapolis, Ottawa County (1888).
Ladies' Social Society, No. 2, Minneapolis, Ottawa County (1889).
Ladies' Social Society, No. 3, Minneapolis, Ottawa County (1891).
Ladies' Social Society, No. 4, Minneapolis, Ottawa County (1897).
Chalitto Club, Highland Park, Shawnee County (1902).
Cultus Club, Phillipsburg, Phillips County (1902).
Littetiae Club, Ford, Ford County (1903).
Sabean Club, Mission Center, Shawnee County, R. R. No. 2 (1899).
Star Valley Woman's Club, Iola, Allen County (1902).
West Side Forestry Club, Topeka, Shawnee County, R. R. No. — (1903).
Fortnight Club, Grant Township, Reno County (1903).
Progressive Society, Rosalla, Butler County (1903).
Pleasant Hour Club, Wakarusa Township, Douglas County.
The Lady Farmers' Institute, Marysville, Marshall County (1902).
The Woman's Progressive Club, Anthony, Harper County.
[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

I hope that new clubs will report to the club column as to their organiza-

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Two Great Contests

The first contest will be on the July 4th attendance at the *St. Louis World's Fair*; the second relates to *Total Vote for President* to be cast Nov. 8, 1904. **\$20,000.00** will be distributed in each of these contests, making **\$40,000.00** on the two, and in order to make it more interesting, in addition to this amount we will give a

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WORLD'S FAIR CONTEST

What will be the total attendance at the St. Louis World's Fair on July 4, 1904? At Chicago, July 4, 1893, the attendance was 283,273. For nearest correct estimates received in Woolson Spice Company's office, Toledo, Ohio, on or before June 30, 1904, we will give first prize for the nearest correct estimate, second prize to next nearest, etc., as follows:

1 First Prize.....	\$2,500
1 Second Prize.....	1,000
2 Prizes—\$500.00 each.....	1,000
5 " — 200.00 each.....	1,000
10 " — 100.00 each.....	1,000
20 " — 50.00 ".....	1,000
50 " — 20.00 ".....	1,000
250 " — 10.00 ".....	2,500
1,000 " — 5.00 ".....	9,000
2139 PRIZES	TOTAL, \$20,000

PRESIDENTIAL VOTE CONTEST

What will be the total Popular Vote cast for President (votes for all candidates combined) at the election November 8, 1904? In the 1900 election 18,909,653 people voted for President. For nearest correct estimates received in Woolson Spice Company's office, Toledo, Ohio, on or before November 5, 1904, we will give first prize for nearest correct estimate, second prize to next nearest, etc., as follows:

1 First Prize.....	\$2,500
1 Second Prize.....	1,000
2 Prizes—\$500.00 each.....	1,000
5 " — 200.00 ".....	1,000
10 " — 100.00 ".....	1,000
20 " — 50.00 ".....	1,000
50 " — 20.00 ".....	1,000
250 " — 10.00 ".....	2,500
1,000 " — 5.00 ".....	9,000
2139 PRIZES	TOTAL, \$20,000

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tions, programs, et cetera, and that other older clubs which have not done so, would tell us about themselves. I want very much to keep in touch with all the rural clubs and to keep them in touch with each other, for mutual benefit. The KANSAS FARMER is sent to each club that sends in the name of one of its members whom it chooses to receive the paper for it. If any who have thus done do not receive the FARMER, I hope they will inform us at once. Mistakes sometimes happen in the best-regulated—offices.

Club Flower.

While women's clubs have to do in the main with serious effort, says the Delineator, they have, usually, a floral emblem. Even the State federations have adopted a flower, and some of these make a most interesting study. The Floral Emblem Society, which originated in Boston under the guidance of Mrs. Ellen A. Richardson, has for its especial object the selection of a National flower. But the individual clubs do not wait for that; soon after they are fairly formed, a club-flower is adopted, with a club-color. The color is not necessarily the same as the flower, though it would seem the better plan.

The carnation is the club-flower for hundreds of small organizations, while the sunflower, the arbutus, the rose and the violet has many followers. In Colorado the columbine, a beautiful wild flower, is used throughout the State. Maine uses a sprig of pine, Vermont a red clover, and Florida has adopted the symbol of the Palmetto Club, a waving palm branch. Curiously, the older clubs, like the Sorosis and the New England Woman's Club, have not cared for a floral emblem, or if they ever had one, it has fallen into disuse, but they have their banners. At the Biennials it is a pretty sight to see the forty or more State banners marking off the delegations from the different federations.

A Sermonette.

A new club has recently sent its name to us. It is the West Side Study Club and is located in or near Delphos, in Ottawa County. It has been in existence two years, and the members are very enthusiastic about it. I wish they had told more about themselves, for it would certainly be interesting.

This furnishes me a text for a very short little sermonette, which I want to direct especially to the clubs. It seems to me that most of you are afflicted with a false modesty. You fear to say much about yourselves when you write, or to write often, lest you seem egotistical and bore your readers with a long article. Now this is very stupid of you. You know how much you enjoy the reports from other clubs, and how they help you in your own club work, how they help to keep up your enthusiasm, and how you find suggestions for yourselves in their accounts of what they do? Now you ought to know that what you write will be just as helpful and interesting to others as theirs is to you.

Another matter about which you show a very false modesty is in regard to your club papers. I should like so much to be able to print some of the excellent papers which are read before the different clubs. There are some new clubs, just organizing, or some struggling against great discouragement, which have not yet adopted the custom of writing papers or of studying any special subject. To such clubs, your intelligent, sparkling papers, published in the club column now and then, would be a godsend; and who knows what new inspiration to try for themselves they might bring.

But instead of doing this simple but wonderfully helpful thing, you all modestly fold up the paper to which the club has been listening with flattering attention, and hide it away somewhere, saying, "Oh, no, it is not good enough—I shouldn't think of being so conceited!" It is very foolish, really!

A Williamston, Mich., farmer hired four women to husk corn last fall, being unable to get men, and in seven days they husked 1,160 bushels.



REST AND SLEEP.

ADVICE FOR THE TIRED WOMAN.

THE woman of the office or shop has more cause than the housekeeper to wear out in days like these. The housekeeper should find time for a nap; she can get into loose clothing, while the business woman must fight it out until the end of the day's work. The tired woman comes home from the office completely fagged out. She is nervous; she finds she can not rest; she rolls and tosses through the night, a victim of insomnia. The housewife, perhaps the mother of a large family and doing her own housework, should take some little leisure in the middle of the day, if it only be for ten minutes. Slip away from cares and duties and throw yourself down on lounge or bed for a little while. Try to relax every muscle until your body feels heavy. Then try and stop thinking; relax your mind; throw off worry. For those ten minutes or half an hour, lie perfectly still. This is the advice of the greatest woman's specialist of our time, Dr. R. V. Pierce, founder of the Invalids' Hotel and Institute, at Buffalo, N. Y. Furthermore, he says, the woman who is employed in stores or shops, working at the highest tension all day, must above all things get a good night's rest. A tepid bath and a cup of cocoa or warm milk before going to bed, or perhaps a little light exercise, with the window open so that you breathe pure air, will act upon the nerves, quieting them and soothing the tired-out woman into the first sweet slumber which leads to a long, restful sleep. If such simple

Where Good Breeding is Shown.

Every daughter of Eve—or at least every one who belongs to that branch of her family that eventually becomes American,—is fond of pretty clothes, as an adjunct in the furtherance of the natural desire to please, an instinct implanted by a beneficent Creator,—but not every girl knows that her breeding is shown in her clothes, and that fine ones do not make her a lady nor impose upon any one by making her appear to be one.

Cheap finery not only betrays poverty, which it is unnecessary to confide to the world at large, which regards it most unsympathetically, and not only proclaims ignorance of good taste, but also lays a girl open to misconception and possible identification with the least worthy of her sex. We are not all amenable to suggestions for our good; and, when our desires clash with our "sense of oughtness," it depends upon the quality of our make-up which shall prevail. Another evidence of gentle breeding is a well-modulated voice. Thomas Wentworth Higginson said, "Shut me up in a dark room with a mixed multitude, and I can pick out the gentlefolks by their voices."

In the compass of every voice there are three registers,—the middle or throat, the lower or chest, and the upper or head register. The use of the middle pitch for talking is very desir-

able, but the voice should be trained to slide up and down, varying with the emotions; low, when the mood inclines toward seriousness, and higher when it becomes tinged with excitement. An interesting speaker constantly changes his pitch; not abruptly, but with ease and skill, and the greater range one has the more certain he is to get and retain the pleased attention of listeners. Our high-pitched, strident voices are sharply criticised, and it is quite within our power to change them.

I confess to liking a bit of slang now and then from a young man's mouth. It sounds racy, adds snap and spice, if used judiciously, and a few of its terms are pithy and expressive, but when a girl uses slang it only sounds common. What is becoming to one sex is not necessarily so to the other.

When we see a woman who laughs and talks loudly in public places, we put a severe strain upon our charity and judgment not to think her vulgar. When to the conventional "How do you do?" she replies, "Fine!" we know on just what rung of the social ladder to put her.—Mrs. Burton Kingsland, in "Success."

They have the most remarkable record of cures made by this world-famed remedy ever placed to the credit of

treatment, says Dr. Pierce, has no effect on the nervous system, then the woman should resort to some vegetable tonic which will soothe the nerves.

Is it a headache, a backache, a sensation of irritability or twitching and uncontrollable nervousness, something must be wrong with the head or back, a woman naturally says, but all the time the real trouble very often centers in the womanly organs. In nine cases out of ten the seat of the difficulty is here, and a woman should take rational treatment for its cure. The local disorder and inflammation of the delicate special organs of the sex should be treated steadily and systematically.

Dr. Pierce, during a long period of practice, found that a prescription made up entirely of roots and herbs, without the use of alcohol, cured over 90 per cent of such cases. After using this remedy for many years in his private practice he put it up in a form that would make it easily procurable, and it can be had at any store where medicines are handled.

Backed up by over a third of a century of remarkable and uniform cures, a record such as no other remedy for the diseases and weaknesses peculiar to women ever attained, the proprietors and makers of Dr. Pierce's Favorite Prescription now feel fully warranted in offering to pay \$500 in legal money of the United States, for any case of Leucorrhoea, Female Weakness, Prolapsus, or Falling of Womb, which they can not cure. All they ask is a fair and reasonable trial of their means of cure.

The New Hoffman House, New York City, April 2, 1900. Dr. B. H. DeHuy, Denver, Colo. Dear Sir:—I have used your Balmoline on horses with my Wild West Show and have found it PERFECTLY SATISFACTORY. W. F. CODY, "Buffalo Bill."

any preparation especially designed for the cure of woman's peculiar ailments.

Sick women, especially those suffering from diseases of long standing, are invited to consult Dr. Pierce by letter, free. All correspondence is held as strictly private and sacredly confidential. Address Dr. R. V. Pierce, Buffalo, N. Y.

"Your medicines are certainly a blessing to suffering women," writes Mrs. Ella Sauerwald, 1935 W. Pratt Street, Baltimore, Md. I suffered with female weakness very badly, was extremely nervous at all times, had indigestion; could not sleep, constant dull headache—in fact, was very miserable when I began to take your medicines, but after taking them a short time I began to feel better. My nerves were better; could sleep at night, headache ceased, digestion was improved, I felt like a new woman, and could go around and attend to my household duties, which previous to taking your medicines I could not do. Dr. Pierce's Pleasant Pellets cured me of constipation of many years' standing. I took eleven bottles in all—six of 'Favorite Prescription' and five of 'Golden Medical Discovery,' and also two vials of the 'Pleasant Pellets.' I am sure if more women who suffer would take Dr. Pierce's medicines they would soon be convinced of the good they can do."

Your most important knowledge is knowledge of yourself. You should read a complete "Doctor" book, called "The People's Common Sense Medical Adviser." Has reached its sixty-third edition of over 2,000,000 copies. Send 21 one-cent stamps, to Dr. R. V. Pierce, Buffalo, N. Y., for this 1008-page book in paper covers, or 31 stamps for a copy in cloth binding.

NOW DEPOSITED IN THE BANK

\$75,000.00

IN CASH GIVEN AWAY.

To arouse interest in, and to advertise the GREAT ST. LOUIS WORLD'S FAIR, this enormous sum will be distributed. Full information will be sent you ABSOLUTELY FREE. Just send your name and address on a postal card and we will send you full particulars.

World's Fair Contest Co.,
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High-Grade-Telephone INSTRUMENTS

For Long Distance and Exchange Service. Farmers Lines a Specialty. Catalogue and Instruction book free.

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909 Market St., St. Louis, U.S.A.

FARMER'S ACCOUNT BOOK

What every farmer needs. Thousands are using them. Simple. Complete. Printed headings for every item of a farmer's business. Three books in one. Good for eight years' business. Sent by mail on receipt of \$2.00. CENTRAL SUPPLY CO., 1618 Walnut St., Topeka, Kansas.

GET HUMUS INTO THY SOIL.

(Continued from page 345.)

There are legumes, such as cow-peas and soy-beans, which are annuals. Their effects on the soil are excellent and they are adapted to a short rotation since their entire life is confined to a single season. They may, indeed, be planted after the removal of a small-grain crop and brought to a considerable degree of perfection before time for frost. When used in this way the effect on the soil and the next year's crop surprises those who see it for the first time.

Alfalfa may be sown after wheat or oats and, under favorable conditions, it makes a fine fall growth. The next season it should yield three or four crops of hay. Its effect on the soil is most beneficial. The farmer possessed of sufficient self-sacrifice to plow up a good stand of alfalfa after enjoying its benefits for only one year has not yet been found, so that the extent of the advantage that might be had from using it in a short rotation is only conjectured. Alfalfa is known by experience to be excellent in a long rotation and the time is doubtless coming when it will be so used systematically.

All of the grasses, as timothy, orchard-grass, English blue-grass, Bromegrass, etc., are valuable when used in rotation with grain crops. Their effects, however, are not equal to those of the legumes. They are used advantageously with red clover and alfalfa and the mixture is especially to be commended as means of preventing bloat when legumes are to be pastured.

The man who tills his own farm should have little difficulty in systematizing a plan of rotation which will fortify his soil against disasters from drouth and will insure increased productivity year by year. The man thus situated who continues to deplete his soil of humus when he can more profitably increase his store of this essential, will, in the near future, be looked upon as one who wilfully sins against agricultural light and knowledge.

The case of the landlord and tenant presents a harder problem. A tenant was to see the editor on Monday morning of this week. He wanted some advice as to making a success on gumbo land. He had rented the place for one year. What advice could the editor give him? He has no interest in the soil beyond what it can be made to produce before next March. He can not be expected to expend any effort to promote the productivity of that farm for 1905. He is the victim of the short-lease practices of former tenants. He can not afford to pay much rent because the probable returns will not justify it. The landlord has, doubtless, just cause for complaining of the unremunerative returns from his investment in that farm. The case is one that will necessarily grow worse from year to year of the continuance of this short-term leasing. There can be no system of rotation, nothing but soil-robbing, under such leasing. The writer came face to face with this problem in the case of his own farm. He solved it by leasing the place for five years and specifying in the lease the use to be made of alfalfa. The amount of rent to be paid increases gradually year by year so that the rent for the fifth year is more than twice as much as for the first. No doubt the tenant will make more clear money year by year and at the end of the five years will find it profitable to renew at a further advance if indeed he shall desire to farm more land than he will be able to own. Cash rents and long terms are the only solution now apparent for the landlord-and-tenant phase of the problem of conserving and increasing fertility.

It is to be hoped that farmers' institutes will consider the questions of adapting methods to acquiring a mastery of the problems of soil and climate. When practicable plans for rotation, for working vegetable matter into our soils shall have come into general use, the fear of drouths will have lost most of its terrors.

When writing advertisers please mention this paper.



Cascarets
CANDY CATHARTIC
THEY WORK WHILE YOU SLEEP

ANNUAL SALE—TEN MILLION BOXES
Greatest in the World

A MILLION AMERICAN NURSING MOTHERS keep themselves and their babies in splendid health with CASCARETS Candy Cathartic. The wonderful things CASCARETS do for mamas and their babies have become known through the kind words of those who have tried them, and so the sale is now OVER A MILLION BOXES A MONTH. Mama takes a CASCARET, baby gets the benefit. The sweet, palatable tablet, eaten by the nursing mother, regulates her system, increases her flow of milk, and makes her milk mildly purgative. Baby gets the effect diluted and as part of its natural food—no violence—no danger—perfectly natural results. No more sour curds in baby's stomach, no more wind colic, cramps, convulsions, worms, restless nights. All druggists, 10c, 25c, 50c. Never sold in bulk. Genuine tablet stamped C. C. C. Sample and booklet free. Address STERLING REMEDY CO., Chicago or New York. 609

STOCK-BREEDERS' ANNUAL FOR 1904.

The Stock-breeders' Annual for 1904 will be ready for distribution next week and every member of the association will receive a copy. The Annual will contain 128 pages and will have the full proceedings of the fourteenth annual meeting of the Kansas Improved Stock-breeders' Association held at Topeka, January 11-13, 1904. The membership shows a material increase over any preceding year and in the Kansas Breeders' Directory, which is a part of this Annual, the members will be classified alphabetically by counties and by the breeds of stock represented.

The edition this year will be known as the World's Fair edition, and is prepared in a style commensurate with the importance of the live-stock industry of Kansas. Single copies will be sent to any address at 10 cents per copy. In quantities the rate will be \$5 per hundred. Address H. A. Heath, Secretary, Topeka, Kans.

BLOCKS OF TWO.

The regular subscription price for the KANSAS FARMER is one dollar a year. That it is worth the money is attested by the fact that thousands have for many years been paying the price and found it profitable. But the publishers have determined to make it possible to secure the paper at half price. While the subscription price will remain at one dollar a year, every old subscriber is authorized to send his own renewal for one year and one new subscription for one year with one dollar to pay for both. In like manner two new subscribers will be entered, both for one year, for one dollar. Address, Kansas Farmer Company, Topeka, Kans.

Special to Our Old Subscribers Only.

Any of our old subscribers who will send us two NEW SUBSCRIPTIONS at the introductory rate of fifty cents each, during April, 1904, will receive for their trouble one copy of the KANSAS FARMER'S New Wall Atlas, descriptions of which have appeared in these columns from time to time; or we will send any one of the following publications as the old subscribers may choose, viz., "Woman's Magazine," "Western Swine Breeder," "Vicks' Family Magazine," "Blooded Stock," "Poultry Gazette," "Dairy and Creamery," or "Wool Markets and Sheep."

Horticultural Meetings.

Following is the program for the April meeting of the Shawnee County Horticultural Society: "Pear Culture," J. F. Cecil; "Roses," A. T. Daniels; "Good Roads," J. M. Pollom; "Handling Fruits," Frank Cope.

The meeting will be held at the rooms of the State Horticultural Society, from 2 to 4 p. m., April 7.

Royal Baking Powder improves the flavor and adds to the healthfulness of all risen flourfoods. It renders the biscuit, bread and cake more digestible and nutritious.

There is more Catarrh in this section of the country than all other diseases put together, and until the last few years was supposed to be incurable. For a great many years doctors pronounced it a local disease, and prescribed local remedies, and by constantly falling to cure with local treatment, pronounced it incurable. Science has proven catarrh to be a constitutional disease, and, therefore, requires constitutional treatment. Hall's Catarrh Cure, manufactured by F. J. Cheney & Co., Toledo, Ohio, is the only constitutional cure on the market. It is taken internally in doses from 10 drops to a teaspoonful. It acts directly on the blood and mucous surfaces of the system. They offer one hundred dollars for any case it fails to cure. Send for circulars and testimonials. Address, F. J. CHENEY & CO., Toledo, O. Sold by Druggists, 75c. Hall's Family Pills are the best.

The Blue Valley Creamery Company has issued a folder entitled "How to Change \$500,000 into \$750,000." This is a pamphlet of hints on cow-feeding and contains a series of balanced rations for the dairy cow. The following quotation will explain the purpose of the pamphlet which will be mailed free to any one writing the Blue Valley Creamery Company, St. Joseph, Mo. "The reason a banker gets rich is because his business runs day and night. Interest never stops until the note is paid. Give the cow the right kind of feed and while you sleep she will grind it into butter-fat worth four times as much as the feed and will have it ready for you when you get up in the morning."

It is not uncommon to meet people who are always well shaven, but always have sore faces. In most cases the cause is in the soap used. Poor shaving-soaps, common toilet and even ordinary laundry-soaps are used. Nothing but sore faces are to be expected. The practice is worse than unclean—it is positively dangerous. When the very best shaving-soaps, such as Williams', are to be had for so little money, there is absolutely no excuse for using unfit articles. If such people would send for the free sample of Williams' soap mentioned in the advertisement elsewhere they would never go back to common soaps.

Palo Alto Stock Farm, Menlo Park, Cal., June 24, 1898. B. H. DeHuy:—I have given your Balmoline a thorough trial, and find it to be a Specific for healing flesh wounds, cracked heels, chafes and sores. Qualities are unsurpassed. I believe it to be the best in use. F. W. COVEY, Superintendent Horse Department.

Homeseekers' Excursions.

One fare plus \$2.00 round trip rate via Chicago Great Western Railway from Kansas City to points in the following States: Idaho, Montana, Oregon, Washington, British Columbia, Assinibola, Manitoba and Saskatchewan. Tickets on sale March 15 and April 5 and 19. For further information, apply to Geo. W. Lincoln, T. F. A., 7 West Ninth St., Kansas City, Mo.

The World's Fair.

In making your arrangements for the World's Fair at St. Louis, this summer, if you consider convenience and saving of time, you will take the Wabash railroad, as it runs by and stops at its station at the entrance of the fair grounds, thus saving several miles run and return, and the inevitable jam at the big Union Station. By all means consider the advantages of the Wabash.

ROCK ISLAND SYSTEM.

Through Tourist Sleepers to California.

Rock Island Tourist Sleeping cars are fully described in our folder, "Across the Continent in a Tourist Sleeper." Ask for a copy. It tells the whole story—describes the cars in detail; names the principal points of interest enroute; shows when cars leave eastern points and when they arrive in California. A. E. Cooper, D. F. A., Topeka, Kans.

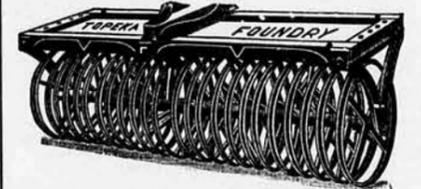
Homeseekers' Rates from Kansas City to North and South Dakota.

Every Tuesday until October 25, the Chicago Great Western Railway will sell

MAKE RAIN

When You Need It.

Pack your ground. Save the moisture. By getting an early start and a full stand your crop of corn is assured.



The Topeka Foundry Packer

Will Do It

Write for prices and testimonials.

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UNEXCELLED SERVICE

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TO POINTS IN

Missouri,
Arkansas,
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AND THE SOUTHEAST, AND TO

Kansas, Oklahoma,
Indian Territory,
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AND THE SOUTHWEST.

The Famous Health and Pleasure Resorts,

EUREKA SPRINGS
AND HOT SPRINGS,
ARKANSAS,

Reached most conveniently by this Route.

Round Trip Homeseekers' Tickets at rate of ONE FARE plus \$2, on sale first and third Tuesday of each month.

For descriptive literature and detailed information as to rates, train service, etc., address

J. C. LOVRIEN,
ASSISTANT GENERAL PASSENGER AGENT,
KANSAS CITY, MO.

round trip tickets to points in the above named States at a great reduction from the usual fare. For further information apply to G. W. Lincoln, Traveling Passenger Agent, 7 West Ninth St., Kansas City, Mo.

PILES 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. DR. THORNTON & MINOR, 1007 Oak St., Kansas City, Mo.

The Stock Interest

The Watson Shorthorn Dispersion Sale.

At Emporia, Kans., on April 14, 1904, Mr. J. S. Watson will sell his entire herd of Shorthorn cattle from the Fieldstone Farm. Pressure of other business requires that he sell his herd of leave them to the tender mercies of the hired man. He has chosen the better way and announced the sale. The offering will number about thirty head of Young Marys, White Roses, Rose of Sharons, Lady Elizabeths and others. The herd is headed by Flora's Chief 166583, bred by J. G. Robbins & Son. He was sired by Strat-hallen Chief 134157 and his dam was a full sister to the dam of the champion heifer, Ruberta. He has the typical Scotch characteristics, is of a good red color and in his present condition weighs 2,070 pounds. All the cows and heifers in the offering that are old enough are bred to Flora's Chief or have calves at foot by him.

Quite a number of the heifers were sired by Roan Duke of Haddington 135583. This bull was sired by Barrington Wild Eyes 155582 and traces to Imp. Young Mary. His grandsire was shown fourteen times in the ring and received thirteen first prizes and one second. He is one of the best of the Renick Rose of Sharon's. Among the females we noticed a Scotch cow of unusual merit. This is Martha by Monarch Morn 132363. She now weighs 1,500 pounds with calf at side. She ought to bring a good price. Another exceptionally good one is the 2d Lady of Barmpton W. by Duke of Lone Elm 126779. Indeed, some good judges consider her the best animal in the herd. The writer saw two of her heifers and was assured that she is one of the best breeders that has ever been on the place. Both of these heifers were sired by Roan Duke of Haddington and both will be included in the sale. Another good one is Highland Mary by Baron Bloom 2d 96067. She was calved April 17, 1892, and has raised a bull calf each year since maturity. Her calves have been the best sellers of any on the farm. In the sale will be included a number of Nellie Blys, one of the best of the 's the roan heifer, Nellie Bly of Fieldstone, who has a red cow calf by her side.

In this sale the entire herd will be offered without reservation and we are of the opinion that it will afford a splendid opportunity for buyers to secure well-bred Shorthorns at very reasonable figures. Write J. S. Watson, Emporia, Kans., for catalogue and make arrangements to be present at the sale.

Gossip About Stock.

A. G. Dorr, breeder of Duroc-Jersey swine, Osage City, Kans., seems well pleased the way the spring crop of pigs are coming on. The first five sows farrowed fifty-four pigs, pretty good start for 1904. It only takes a few sows to get a herd of hogs.

E. W. Thoes, of the Rocky Hill Herd of Hereford cattle, is building up a fine herd of thoroughbreds and grades on Shorthorn cows, but will have nothing for sale for two or three months; then he will make his offerings through the advertising columns of the Kansas Farmer.

We call special attention to our department of poultry advertising. Almost every class of desirable poultry is advertised. Among the new ones this week who is advertising the most extensive line is D. L. Bruen, Oldenbusch. In writing the advertisers we will regard it as a special favor to have the Kansas Farmer mentioned. It is mutually advantageous to do so.

C. M. Garver & Son, proprietors of Prairie Dale herd of Poland-Chinas, Abilene, Kans., are making a goodly number of hog-sales this spring. In one day recently they sold nearly \$500 worth of their hogs. Mr. C. N. White, of Bennington, Kans., bought nine bred gilts, and L. D. Arnold, Salina, bought three of their best brood-sows to add to his already excellent herd. Both of these buyers are successful breeders and know where to get good stock.

T. K. Tomson & Son, owners of the famous Elderlawn herd of Shorthorns at Dover, Shawnee County, announce that they have a few very good serviceable bulls for sale and will also sell a number of bred cows, several having calves at foot and bred again. The quality of cattle and their excellent breeding should certainly appeal to those wanting something good, especially in the way of foundation stock or a herd-header. Present prices on saleable stock are made low enough to make it an inducement to buyers to come and see the cattle.

Mr. S. Westberger, of R. R. 3, Alma, offers for sale at private treaty two tried herd-bulls and three 1-year-old bulls at private treaty, any one of which is good enough to head any herd of Herefords. The 6-year-old Pole-Star, of about 1,800 pounds weight, is one of the best Hereford bulls the writer has seen, and for carrying the shoulder down to knee-joint, and ham down to hock-joint, excels any bull of any breed the writer has ever examined; while Don-Lion, 4 years old, weighing 1,800 pounds, is of a deep-red color, and has one of the longest, deepest, thick bodies that can be found in any Hereford herd in existence, while the three yearling bulls are all of great promise and excellence. Write for pedigrees and particulars.

Mr. J. F. Staadt, the big Duroc-Jersey breeder at Pomona, Kans., has a fine lot of August and September gilts weighing from 175 to 210 pounds, that he will put in the April 23 sale which he and Mr. L. A. Keeler will hold at Ottawa, Kans. Mr. Staadt's fall boars have been selling rapidly and giving great satisfaction. This herd is prominent by reason of having won a large share of the prizes at the Ottawa fair which contained one of the largest exhibits of Duroc-Jersey hogs that was made in the State last fall. Mr. Keeler's offering will be first-class in ev-

ery respect, and neither of these breeders will put anything but the best in the sale-offering. Full announcement regarding it will appear later in the Kansas Farmer.

This old-time remedy is always to the front. It is now twenty years since this Vaccine was discovered and it is nine years since the Pasteur Company introduced vaccination for Blackleg to the American stock-raisers. The Pasteur Company is entitled to great credit for its enterprise and is worthy of the patronage of the stockmen. During the last few years the cord form of vaccine or "Blacklegine" as it is called, has become the most popular and satisfactory as it is ready for use as sold and is so easily applied, while its value as a preventive remedy for Blackleg is beyond question. Write to the Pasteur Vaccine Company, either at Chicago or San Francisco, saying how many doses of vaccine you will require and obtain their best price.

Shorthorns at the Louisiana Purchase Exposition 1904, is the title of a circular just gotten out by John W. Groves, Secretary American Shorthorn Breeders' Association, Union Stock Yards, Chicago, Ill. It gives the prizes offered by the World's Fair, amounting to \$6,000 for regular prizes and \$10,000 offered for purebred cattle, south of the quarantine line, and the \$10,000 special prizes offered by the American Breeders' Association. Readers of the Kansas Farmer interested in Shorthorns can receive this circular by addressing Secretary Groves. The directors of the Shorthorn Association desire to impress upon breeders the importance of the dairy demonstration which will exploit the Shorthorn cow as a dual-purpose animal and substantiate the claim of the association that the Shorthorn is the farmer's cow, par excellence.

Remember the great sale of Standard-bred and trotting horses to be held at Lake Park Farm, Butler, Mo., Wednesday, April 13. The sale will consist of fifty head, twenty of which will be mares and geldings 4 years old and over. Many of these are very speedy and the whole offering is characterized by the high action and good roadster qualities that make desirable animals. There are a number of matched teams of exceptional quality, one of which is an especially fine carriage team of 6 years old, 16½ hands bay geldings. The sale will also include thirty brood mares, colts, and fillies. The sale will be held on the farm just outside the city limits where all the horses will be shown in harness on the private half-mile track adjacent to the sale-barn. There will probably be no such offerings of this class of stock made this year as will be made by T. K. Lisle & Co., at Butler, Mo. Remember the date and write at once for catalogue.

Over on page 364 will be found the advertising card of the Crescent herd of O. I. C. White swine, belonging to Jno. W. Roat & Co., Central City, Neb. This company has been advertising in the Kansas Farmer for some years and has sold a good many of its fine Chester Whites into our territory, and it is a pleasure to know that their old customers stay with them from year to year and help to find new customers. It is also a pleasure to know that their swine now on hand for sale are even better than those which have pleased their customers in former years. They have about forty head of young fall boars that are grand good ones and are now ready to ship. Their gilts and sows bred for April and May farrow, are nearly all sold, though there are a few left that are choice. But when it comes to gilts for September farrow they are strictly in it. If the buyer prefers open gilts he can secure them at this large breeding establishment.

A. & P. Schmitz, of Alma, Kans., are two enterprising young breeders, who are just beginning their Hereford herd with a fine bull and cow, bought recently at Hereford sales, but for some years have been breeding a fine herd of registered Poland-China swine. They now offer for sale their 4-year-old herd-boar, Park's Spot, weighing 700 pounds, long and rangy, fine build, good bone, and very active; and an Ohio-bred boar, 2 years old, good style, of about 300 pounds weight, a great show-boar in everything that makes a perfect Poland-China sire; and a young boar sired by Park's Spot, 1 year old, of about 200 pounds weight. They are just completing one of the most convenient houses for their farrowing sows to be found in the State, separate stalls and yards, in each of which was a sow with litter, running from five to nine pigs, all of first-class types and fit occupants of their perfect quarters. Any one needing a first-class herd-boar should write them at once.

S. Y. Thornton, Blackwater, Mo., breeder of Duroc-Jersey swine, under date of March 26, writes: "I am at home again from the land of balmy weather, luscious fruits and fragrant flowers, having had a most delightful trip to Florida. I find my herd of hogs in tip-top condition. Sales have been very satisfactory and the surplus well closed out. My fall pigs are coming along real well and will soon take the place of their predecessors. I have 125 young pigs to date and 15 sows to farrow yet. It seems to me that the greater part of the readers of the Kansas Farmer are interested in the Duroc-Jersey hogs. I expect to raise 250 spring pigs this year. You may think I am getting to be a little 'hoggish,' but I tell you a fellow that advertises good hogs in such papers as the Farmer must hustle to supply everybody with hogs, and could not do it at all without the prolific kind of breeders. I expect to be with you soon and will have something of interest to tell everybody that wants good Duroc-Jersey hogs.

C. H. Searle, proprietor of the Maple Lawn Farm at Edgar, Neb., is one of Nebraska's oldest as well as most reliable breeders. Mr. Searle has been showing at the Nebraska, Iowa, and Minnesota State Fairs for the last twenty years and has a string of ribbons which are certainly a great credit to the breeding he has done for they have nearly all been of his own breeding, which shows that he can raise

(Continued on page 362.)

To Farm Dairymen:



We told you three years ago that the man who shipped his cream direct to some good, reliable firm would realize more out of his product than he could in any other way.

We were right then, and we are right now when we tell you we will put a larger check into your hands each month for your product, than any other concern can do.

Write for shipping tags.

We sell the world-renowned
EMPIRE CREAM SEPARATOR.

Blue Valley Creamery Co.,
ST. JOSEPH, MO.

Local agencies and complete repair stocks everywhere

CHAMPION HARVESTERS

International Harvester Co. of America, Chicago, U. S. A.

It looks
Good to me!
There's Money
Down There



I am going on one of the
Santa Fe excursions and get
some of it. The cream will
be ready to skim soon.

The Santa Fe Southwest
is the best farming country in the world and
reached by the best railway.

Ask for new illustrated pamphlets about the Santa Fe
Southwest.

W. J. BLACK
Gen. Pass. Agt., A. T. & S. F. Ry.
Topeka.



QUICK FATTENING—BIG PROFITS

The faster you can fatten your stock for shipping the more money they make for you. **Rex Stock Food** used with the regular feeding ration will put on flesh faster than anything else. Not a medicine nor a temporary tonic. It aids digestion and assimilation, increases appetite and relish. So they eat more and waste nothing. Write today for free copy of "Feeding for Profit," intensely interesting and is worth money to you. **REX STOCK FOOD COMPANY, DEPT. G, OMAHA, NEB.** Manufacturers of the "Rex" Stock and Poultry Specialties.



In the Dairy.

"How Holstein Blood Probably Handicapped Challenger."

EDITOR KANSAS FARMER:—"Improvement is perhaps even more telling in modes of feeding stock, a given amount of food being made to go a greater way than formerly. I am not to give away secrets, but may assure you that the steer Challenger, which won the beef sweepstakes recently at Chicago, probably owed his victory more to feeding than to blood; which you will appreciate on being told that he was at least one-eighth Holstein, no doubt a considerable handicap on him as a flesh-maker."

E. B. Andrews of Nebraska University wrote the above in an article entitled, "The Supply and Demand For Beef," printed in the Butchers' Advocate of January 27 last. Now, won't the learned gentleman give his authority for the statement that the Holstein-Friesian blood in Challenger acted as a handicap? The University of Nebraska never demonstrated that statement nor has any other college or experiment station or private investigator. The Hollanders have for centuries demonstrated the capabilities of the Holstein as beef-producers. No finer beef or veal reaches London market than is furnished by Holland and there are lines of steamers across the North Sea carrying Holstein beef to London market, which is raised by tenant farmers upon the highest valued land in the world devoted to cattle-raising.

It is a fact that full-blood and grade Holstein steers can be easily made to weigh 1,200 to 1,500 lbs. At birth, calves weigh 80 to 125 pounds. Cows weigh 1,200 to 1,400 pounds, often 1,600 to 1,800, and some as high as 2,000 and 2,100 pounds. Bulls and steers have attained frequently weights of 3,500 pounds and more. Calves frequently gain 100 pounds per month.

At the Michigan Agricultural College when two each of Galloways, Shorthorns, Jerseys and one Hereford and one Devon were selected and accurate record kept for seven months, of the food consumed, daily ration, monthly weights and gains, it was found that the two Holsteins had made the largest gains per day since birth. It required 7 pounds and a fraction of a mixture of food to produce a pound of weight in the Holsteins and more than ten pounds to produce the same weight in the Shorthorns. The Holsteins showed themselves the most economical feeders of all that were in the test.

At the Chicago Fat Stock Show in 1886 there were twelve entries in the yearling carcass class. The Holstein steer stood second, weighing 1,250 pounds; average gain per day since birth, 2.02 pounds.

In 1888 B. Waddel, of Marion, Ohio, showed at Chicago the Holstein calf Ohio Champion in competition. This calf was nine months old and weighed 1,070 pounds.

Among the fat cattle slaughtered at the Chicago Fat Stock show it was found that the Holsteins were the only breed that had hindquarters heavier than the forequarters.

Numerous other demonstrations of same sort have been made by this breed at Chicago. In 1890 the heifer Daisy, 285 days old, weighed 850 pounds, gain per day 2.98 pounds; the steer Alpine Boy, 197 days old, weighed 495 pounds, a gain of 2.51 pounds per day; Ben Johnson, 1,293 days old, weighed 1,945 pounds; Rattler, 1,319 days old, weighed 2,085 pounds; Madolzus Leader, 822 days old, weighed 1,470 pounds; Tom, 789 days old, weighed 1,330 pounds; Van Asmus, 597 days old, weighed 1,170 pounds; and Spot, 688 days old, weighed 1,435 pounds.

These were pure-bred Holsteins and their weight and gain per day shows that they are excellent beef animals.

The late Wm. M. Singerly's feeding experiments with half breed yearling Holstein steers demonstrated that the Holsteins should be as much sought after for the beef as their dairy qualities.

Four half-breed steers taken from

pasture and put on stall-feed at Mr. Singerly's farm showed an average gain per head of 176 pounds in 49 days, an average per head per day of 3.6 pounds. These four steers and one heifer made more pounds of dressed meat for their age than any cattle ever killed in Philadelphia. The live and dead weights and the number of pounds of dressed to the 100 pounds of live weight were as follows:

No. 1.....	1475	899	64
No. 2.....	1450	840	65
No. 3.....	1550	978	63
No. 4.....	1350	850	63

The following figures show the weight by quarters, the first two being the hind and the last two being the forequarters:

No. 1.....	218	211	238	234
No. 2.....	213	210	256	261
No. 3.....	220	224	268	266
No. 4.....	202	197	225	226

Judge Wm. Fullerton, of New York, writing of his visit at the Paris Exposition, said of the beef qualities of the Holsteins: "They divided the honors with the best specimens of Shorthorns which England could produce. In size they excelled them; in capacity for taking on flesh they seemed quite their equal, and for milking qualities they were unapproachable. The owners of the best Shorthorns exhibited were among the principal admirers of the Holsteins."

Prof. Morrow, in the Rural New Yorker, reported the following comparative experiments with calves of different breeds for six months on grass alone and also on a like grain-ration. In the figures quoted they give the grain-fed first:

Ayrshires.....	405	280
Herefords.....	400	283
Shorthorns.....	400	250
Holsteins.....	515	530

Prof. Clinton D. Smith, in 1902, said "There is no fundamental difference as to skeletons between the beef and dairy breeds, and that the main difference in external form is due, perhaps, rather more to condition than to characteristic and marked differences due to inherited capacities.

"Analogy would prompt us to say that beef-bred steers fed and selected for generations as their ancestors have been to convert feed into beef both rapidly and economically, are the ones that could rightfully be expected to carry off the palm." "Now when we come to compile and consider the results of tests at experiment stations we have hard work to find facts that will uphold the verdict of our analogy. Quoting from Prof. W. A. Henry, he said, "We are unable to show from the data at hand that a pound of feed goes further in making gain with beef-bred animals, than with those not specially designed for that purpose."

Prof. Smith further says: "We can be fairly safe in assuming that the Holsteins would make as great gains from a given weight of feed as their cousins of the beef breeds. Much as has been said to the contrary it is also undoubtedly true that they would make these gains fully as rapidly as the beef-bred steers." Again referring to Prof. W. A. Henry, he says, "He refers to a long list of experiments covering 90 animals, in which it is quite conclusively shown that the Holsteins made nearly the largest gains in a given time of them all, although competing with Herefords, Shorthorns and Aberdeen-Angus." "It is to be expected that Holstein steers will be big eaters and will grow rapidly. This is true notwithstanding the fact that the statement must come as a matter of surprise to men living in the West, who would be very loth to believe that the dairy-bred steers put on flesh and fat as rapidly and economically as do their favorites of the beef breeds."

"We turn next to the consideration of the dressed carcass. Here we are forced to find a state of facts existing quite contrary to our preconceived ideas, and in fact quite contrary to the judgment of the markets—facts which seem to relegate that judgment to the realm of unwarranted prejudice. Let me quote one instance of an experiment conducted at the Iowa station, in the very heart of the cattle-feeding area of the United States."

At this station, Shorthorn and Holstein steers were fed, and, when fattened, sent to the Chicago yards for

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W. G. Merritt, Great Bend, Kans.	Queen City Creamery Co., Parsons, Kans.	
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slaughter and subsequent examination. Let me quote the results from Henry's Feeds and Feeding, page 377:

"Per cent of the various cuts of the dressed carcass of Holstein and Shorthorn steers:

	Short-horns.	Holsteins.
Loins.....	17.1	16.6
Ribs.....	9.9	10.2
Rounds.....	22.9	23.3
Chucks.....	21.1	21.9
Plates.....	15.4	14.2
Shanks.....	5.7	6.4
Minor cheap parts.....	7.9	7.4

I submit that these figures indicate no superiority on the part of the beef breed as far as the percentage of high-priced cuts is concerned. Again at the Manhattan station an experiment was completed that incidentally tested this very question.

Here a Holstein steer competed with a Shorthorn grade and an Aberdeen-Angus.

The Aberdeen-Angus was pronounced by Mr. Gosling, who selected him, as fairly typical, while the Shorthorn grade was just fair. The Holstein was light-fleshed, partaking more of the dairy- than of the beef-element. The steers were fed 205 days—from August 28 to March 27. The Holstein gained 411 pounds as against 395 for the Shorthorn, 288 for the Angus and 348 for the Jersey. The smaller gain of the Angus is attributed to his being in rather better condition when put into the feed-lot, although it is to be noted that at that time his weight was identical with that of the Holstein. The table showing the food required for each 100 pounds of gain is sufficiently interesting to warrant quoting it entire:

	Corn, lbs.	Hay, lbs.	Cost of feed per 100 lbs. gain.
Shorthorn.....	978	546	\$15.51
Angus.....	1138	504	17.31
Jersey.....	986	598	15.16
Holstein.....	816	508	13.10

When it came to the per cent of high-priced cuts, the Shorthorn led with 28.1 per cent. Following closely on his heels were the Jersey with 27.9 per cent, and the Holstein with 27.6, and this notwithstanding the fact that the Holstein was not properly finished at the time of slaughter. . . . An experiment along similar lines has just been completed at Michigan college. It is enough for our purpose here to know that the Holstein steer gave a good account of himself at the manger and that after slaughter his carcass was pronounced, as a whole, superior to that of the beef-bred steer, yielded a higher per cent of high-priced cuts; and finally, that the quality of the meat was most excellent, superior even to the beef-bred animal in the distribution of fat through the muscle, making a well mottled roast or steak. This point was noted in Kansas, that the dairy-bred steers gave a quantity of meat on the loin and the rib and along the spinal column generally, which was not surpassed by beef-bred animals.

I am not here to argue in favor of exploiting the Holstein as a beef breed, but I am here to protest against the prejudice against Holstein steers that seems to be well-nigh universal in this country.

I am here to claim, also, that the development of the form approaching rectangle as viewed from the side does not necessarily mean the approach to the form which will give the greatest per cent of high-priced cuts. I very much question whether the attention that has been paid in the past to the creation of the brisket, which gives that peculiar rectangularity to the Hereford and the Shorthorn, points toward the creation of a carcass, which, as a whole, will give the greatest per cent of high-priced cuts. I argue, too, in favor of the Holsteins, if we are to consider as practicable a "dual-purpose animal." . . . When the farmers recognize the value of blood and the prejudice against Holstein steers is removed, the breed will come rapidly to the front in the race for first place on the multitude of farms where both milk and beef are produced.

From the foregoing review of the scientific knowledge upon the subject it is plainly evident that nothing but good came from the Holstein blood in Challenger and very probably gave him

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those qualities that made him champion. FREDERICK L. HOUGHTON, Editor Holstein-Friesian Register, Brattleboro, Vt., March 12, 1904.

Some Great Records.

The secretary of the American Guernsey Cattle club publishes the following recent official yearly Guernsey butter-fat records, publicly supervised in connection with The Advanced Register by an Agricultural Experiment Station.

Their equivalent in butter can be estimated by adding one-sixth to butter-fat.

Table with columns: Name, Lbs. milk, Av. per ct. butter-fat, Lbs. butter-fat. Lists various farms and their records.

There are now 103 Guernsey cows who have made yearly butter-fat records under public supervision in connection with The Advanced Register, ranging from 260 lbs. for a 2-year-old to 676.47 lbs. The largest records arranged as to age at beginning of record are:

Table with columns: Name, Lbs. milk, Lbs. butter-fat. Lists mature cows and their records.

The Farm Separator Boom.

The following, taken from a recent issue of Hoard's Dairyman, will interest all dairy farmers:

"It is quite evident that the coming evolution of creamery practice is irresistibly toward the separation of cream on the farm by the use of the farm-separator and the gathering of the same by teams. The compelling cause of this change is the saving of labor and the cost in the transportation from the farm to the creamery, and the very greatly increased feeding value of the skim-milk."

One can not to-day pick up a paper devoted to agriculture or dairy farming without finding written somewhere in its pages the same opinion as that expressed above. The trend toward farm-separation is so marked that it appears to be a question of not few years when farmers who do not own cream-separators will be practically unheard of.

The length of the transition period will depend largely upon the action of the creameries throughout the country. Many large creameries formerly run on the whole-milk system have recently changed, or are about to change, to the gathered-cream system, and are advising their patrons to use farm-separators. The experience of some of the largest creameries in the world proves that this is a wise policy to follow and when carried out intelligently results in largely increased profit for both creameryman and patron.

The hand-separator boom is widespread, and gathering force every day. The farmer who is skeptical in this regard should take a look into the fine plant of the DeLaval Separator Company at Poughkeepsie, N. Y., and we don't hesitate to say that his doubts would be removed by the great activity that would be revealed in every department of this, the largest and best-equipped separator factory in the world. This company makes the original centrifugal cream-separator, invented by the celebrated Swedish scientist whose name it bears, which has had an uninterrupted, constantly increasing success since its introduction twenty-five years ago.

At first the De Laval machine was made only in large sizes for power use in creameries, but some years later the hand-machine was marketed and from the outset scored a remarkable success. The tremendous growth of sales has made it imperative to enlarge the capacity of the De Laval works every year, and even with constantly increased facilities it has never been possible to accumulate a surplus of machines against future orders. Indeed, with the plant's capacity crowded to the utmost, working day and night in every department, it is hardly possible to fill the orders received daily from all parts of the country.

This condition is true not only of the De Laval Company, but also of the smaller makers of separators. The dairy-farmers of this country are alive to the fact that the most profitable way to keep cows is in conjunction with the daily use of a separator and knowing this fact, are keeping separator agents busy everywhere.

The superiority of the De Laval separator is universally recognized among creamerymen and dairymen. "De Laval" is a household word in the dairying world and stands for all that is best in cream-separators. The farmer who would best serve his own interests and who desires to be in the front rank of dairymen would do well to invest in a farm-separator now, and start the spring season properly

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EGGS FOR HATCHING—From my "Superior Winter Laying Strain" of Barred Plymouth Rocks, noted for size and quality. Fifteen years careful exclusive breeding. 15 eggs \$1; 30 eggs \$1.50. E. J. Evans, Box 21, Fort Scott, Kans.

BARRED PLYMOUTH ROCKS—Eggs for hatching, \$1.00 for 15; \$2.00 for 50. Large farm raised fowls, good winter layers, eggs guaranteed fresh. A. F. Huse, Manhattan, Riley Co., Kans.

EGGS FOR HATCHING: S. C. B. Leghorn Eggs from best laying strains, \$1.00 for 15. Mrs. J. J. Corbett, 824 Buchanan St., Topeka, Kans.

BLACK LANGSHANS, bigger and better, if possible, than last year's stock, 25 eggs \$1.00. Mary McCaul, Elk City, Kans.

15 BARRED PLYMOUTH ROCK EGGS for \$2.00. 45 for \$5.00. Pullets \$2.00 each. A. L. Wynkoop, Bendena, Kans.

BLACK LANGSHAN eggs, \$2.00 per 15 from scored hens, and \$1.00 per 15 from unscored hens. Mrs. Geo. W. King, Solomon, Kans.

WHITE PLYMOUTH ROCKS—Empire strain exclusively for sale. Eggs from early maturing birds—score 9 1/2 and up. Fertility guaranteed. Inferior eggs replaced free of charge. Eggs 15 for \$2; 30 for \$3. R. J. Barnett, Manhattan, Kans.

SINGLE COMB BROWN LEGHORNS—Eggs fresh. No change in price. 30 for \$1; 100 for \$3. F. P. Flower, Wakefield, Kans.

BLACK LANGSHANS—The best chicken for the farmer. Pure-bred. Eggs, 75 cents per 15. T. E. Whitlow, Moran, Kans.

S. C. BLACK MINORCAS. Eggs for sale at \$1.25 per 15 eggs. EPH. SIMPSON, 19 and Washington St., Topeka, Kans.

BLACK LANGSHANS—Cockerels and Pullets. Nice ones. H. L. Pellet, Eudora, Kans.

ENGLISH BLUE GRASS for sale at 5 cents per pound. H. E. Bacheider, Fredonia, Wilson Co., Kans.

WHITE PLYMOUTH ROCKS exclusively. Eggs for hatching, one sitting \$1.50; two sittings \$2.50; M. B. turkey eggs, \$2 per sitting. J. C. Bostwick, Route 2, Hoyt, Kans.

EGGS FOR HATCHING—From my prize-winning Black Langshans. Pen No. 1, \$1.50; pen No. 2 \$1 per sitting. James Bottom, Onaga, Kans.

FOR SALE—Eggs from Rose Comb Brown Leghorns, Silver Spangled Hamburgs, Barred Plymouth Rocks, White-faced Black Spanish, and Black Langshans. Write your wants. Charles W. Gresham, Bucklin, Kans.

SILVER LACED WYANDOTTE EGGS—15 for \$1. Miss Frances Howey, Route 1, Topeka, Kans.

WHITE WYANDOTTE EGGS—For sittings, 15 for \$1. Walter A. Smith, 109 East Tenth St., Topeka, Kans.

BARRED PLYMOUTH ROCK EGGS—30 for \$2. Satisfaction guaranteed. Ethel J. Williams, Route 2, Williamsburg, Kans.

SINGLE COMB BLACK MINORCAS—The largest and greatest laying strain in the world. Eggs \$1.50 per 15; \$4 per 50; \$6 per 100. Beautiful illustrated circular with order. Address Geo. Kern, 817 Osage St., Leavenworth, Kans.

EGGS! EGGS!!—Toulouse geese eggs, \$1 per sitting. Rous and Felix duck eggs, 15 for \$1. Muscovy duck eggs, 15 for \$1. White Holland turkey eggs, 10 for \$2. Houdans, Buff Cochins, S. B. Hamburgs, Games, Barred Rocks, Buff, Brown and White Leghorns, White, Buff and Silver Laced Wyandottes, Pearl guineas, Golden Seabright bantams. Poultry eggs 15 for \$1. Also all kinds of fancy pigeons reasonable. Satisfaction guaranteed. Write D. L. Bruen, Oldenbusch, Neb.

STRONG, hardy, farm-range S. C. B. Leghorns. Eggs, \$1 per 15; \$5 per 100; Ira Campbell, Route 2, Edgerton, Kans.

QUAKER POULTRY YARDS—Black Minorcas, Buff Minorcas, Buff Rocks and White Wyandottes. Circulars free. Address Box 110, Quakertown, Pa.

WHITE-FACED BLACK SPANISH—Like the business. Have taken fourteen prizes. Am in the push for business. Have a good many for sale. A few ferrets and half-breed Angora cats. Mrs. Hattie Tyler, Fairview, Kans.

BARRED PLYMOUTH ROCKS Exclusively—Eggs from first prize pen at Kansas State Fair only \$1 per sitting. Just as good as the \$3 kind. C. E. Short, Station B, Topeka, Kans.

WHITE PLYMOUTH ROCKS—Snow white, good layers. Eggs, \$1 per 15; \$5 per 100. Few sittings of Rhode Island Reds same prices. A. D. Willems, Route 2, Inman, Kans.

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BUFF COCHIN EGGS from prize-winning stock. \$1 per sitting, 3 sittings \$2.50. H. A. Thomas, Scranton, Kans.

\$5 PER HUNDRED for fine S. C. Brown Leghorn eggs, from 150 breeding hens, with unlimited range. Eggs very fertile and strong, and just the thing for incubators. Also White Wyandottes and B. P. Rocks at \$6 per 100; \$1.50 per 15. Have your order booked now. Send for nice booklet. Address Fred H. Petts, Warsaw, Mo.

POULTRY RAISERS WANTED—As agents for Aquatone poultry remedy. Merit creates demand. Sample post-paid 8 cents. G. F. Dair, Morrill, Kans.

GOLDEN WYANDOTTES—Winners at New York, Bloomington, Ill., and Kansas State shows, Eggs \$2 per sitting. A. C. Smith, 312 Elm St., Topeka, Kans.

WHITE PLYMOUTH ROCK EGGS for hatching. Farm raised, fine stock, healthy birds. \$5 per 100. O. E. Walker, Park View Farm, Route 8, Topeka, Kans.

EGGS from pure-bred large, clear plumage B. P. Rocks, \$1.50 per 15; \$4 per 50; \$7 per 100. Correspondence solicited. Mrs. Ada L. Ainsworth, Eureka, Kans.

EGGS FOR HATCHING—From premium and high-scoring Rose Comb Rhode Island Reds, \$2.25; Barred Rocks, Black Java, \$1.50 per setting of 15. Incubator eggs \$5 per 100. Italian bees for sale in movable frame hives. H. A. Sibley, Lawrence, Kans.

RHODE ISLAND REDS—Original stock from the east, the best general purpose fowl on earth. Eggs \$1.50 per 15; \$2 per 30. Mrs. G. F. Kellerman, Vinewood Farm, Mound City, Kans.

PURE WHITE WYANDOTTE—Eggs for sale; \$1 for 15. Mrs. C. E. Williams, Irving, Kans.

EGGS from the famous Ringlet and Latham strain of Barred Plymouth Rocks. First pen, \$5; pullet breeding; second pen, \$3; cockerel breeding; third pen, \$2; second pen, \$2; range, \$1 per sitting of 15. For beauty, utility, and laying strain. Address Mrs. Louis Hothan, Carbondale, Kans.

EGGS FOR SALE—From well-mated hens, raised on free range. S. L. Wyandottes, S. B. Hamburgs, White and Barred Plymouth Rocks, \$1 per 15. Jewett Bros., Dighton, Kans.

WHITE WYANDOTTES exclusively. Eggs for hatching, one setting \$1. 100 eggs for \$5. Mrs. E. F. Ney, Bonner Springs, Kans.

EGGS—Buff Cochins, B. C. Bantams, \$1.50 per 15. Good birds for sale. Quality governs price. G. S. Wickham, Anthony, Kans.

BARRED PLYMOUTH ROCKS—Eggs for hatching, \$1.50 per 30. Farm raised. Free range. H. E. Hostetler, Conway, Kans.

PLEASANT VIEW POULTRY FARM—White Wyandottes and Barred Plymouth Rock eggs for sale, 5 cents each. S. Bailey & Wife, E. F. D. 3, Independence, Kans.

EGGS from Rose Comb White Leghorns, \$1 per 15. Mrs. John Hill, Vinland, Kans.

MOTTLED ANCONAS—The great egg producers. Eggs \$1 per 15. Adaline Gosler, Matfield Green, Kans.

BLACK MINORCAS—Biggest layers of biggest eggs. Fertile eggs for hatching, \$1.50 per 15; \$3 per 50; \$5 per 100. Also Light Brahmans, Black Langshans, Barred and Buff Plymouth Rocks, White, Silver and Golden Wyandottes, S. C. Rhode Island Red, S. C. White and Brown Leghorns, American Buff Laced Polish, Buff Cochins, American Buff Laced Polish, Buff Cochin Bantams. Eggs from choice matings of above \$1.50 per 15. James C. Jones, Leavenworth, Kans.

STOCK ALL SOLD—Booking orders for eggs from winners of 60 premiums. Barred and White Rocks, \$2.50 per 15 or \$4.50 per \$30. Mr. & Mrs. Chris. Bearman, Ottawa, Kans.

BARRED PLYMOUTH ROCK eggs exclusively, 15 for \$1.25, 50 for \$3, 100 for \$5.20 for \$9; I can ship via Adams, American or Wells-Fargo Express. Adam A. Weir, Clay Center, Neb., Route 2.

WHITE HOLLAND GOBBLERS—From first prize stock, \$4 each. E. W. Melville, Eudora, Kans.

SCOTCH COLLIE PUPS—Four more litters of these high-bred Collies, from 1 to 3 weeks old, for sale. Booking orders now. Walnut Grove Farm, E. D. Nutting, Prop., Emporia, Kans.

BARRED Plymouth Rock Egg—B. P. Rocks exclusively; won first premium on B. P. Rock Capons, Kansas State Fair, 1902. Eggs \$1 per 15, \$5 per 100. S. H. Dunahugh, Route 1, Hoyt, Kans.

S. C. BROWN LEGHORNS—A few choice cockerels left. Eggs for sale. Satisfaction guaranteed. J. A. Kaufman, Acme, Dickinson County, Kans.

HIGH-CLASP POULTRY—Silver Wyandottes, White Wyandottes and White Plymouth Rocks. Eggs for hatching, 15 for \$1. R. F. Meek, Hutchinson, Kans.

PURE White Wyandottes for sale. Eggs for sale in season. \$1 for 15. Darby Fruit Co., Amoret, Mo.

EPH. SIMPSON, 19th and Washington St., Topeka, Kans., has for sale cockerels scoring above 98 points and eggs of Black Minorcas.

CHOICE B. P. Rock cockerels and Collie pups for sale. Send for circular. W. B. Williams, Stella, Neb.

BLACK LANGSHANS FOR SALE—Some are scored; all are extra good. Mrs. Geo. W. King, Solomon, Kans.

EGGS From fine pure-bred White Wyandottes and Rose Comb White Leghorns, \$1.50 per sitting of 15; two sittings, \$2.50. E. O. FALLIS, Luray, Kans.

BLACK LANGSHAN EGGS Eggs from large, healthy stock, score 92 to 94, \$1.50 per 15. Cockerels for sale. P. C. MARCH, 1313 West Sixth St., Topeka, Kans.

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White Plymouth Rocks EXCLUSIVELY. Three Grand Yards of the Best Strains in the Country

White Plymouth Rocks hold the record for egg laying over any other variety of fowls; eight pullets averaging 248 eggs each in one year. I have some breeding stock for sale at reasonable figures. Eggs in season, \$25.00 per 15; express prepaid anywhere in the United States. Yards at residence, adjoining Washburn College. Address THOMAS OWEN, Topeka, Kansas.

DUFF'S POULTRY Barred Plymouth Rocks, White Plymouth Rocks, Buff Cochins Partridge Cochins, Light Brahmans, Black Langshans, Silver Wyandottes, White Wyandottes, Silver Spangled Hamburgs, Brown Leghorns, and Brown China Geese. First-class Standard Stock of Superior Quality. Stock For Sale. Eggs in Season. Write Your Wants. Circular Free.

A. H. DUFF, Larned, Kans.

The Buff Plymouth Rocks At Gem Poultry Farm

Are Better Than Ever. At State Fair at Hutchinson 1903, I won in warm competition, 1st cock, 1st hen, 1st pullet, 1st pen, 2d pen.

No Better Buffs Can Be Found.

Eggs from my two best pens, 15 for \$2; 30 for \$3.50. They are in the \$5 class. Mammoth Bronze turkey eggs, 11 for \$2. Stock all sold

C. W. PECKHAM, Haven, Kans.

S. C. W. Leghorns. Yearling hens and cockerels from high scoring stock for sale. Eggs for hatching, \$1.50 per 15. E. B. Aley, E. E. 2, Topeka, Kans.

G. W. SHUMAN, Fort Scott, Kans., breeder of Light Brahmans, Partridge Cochins and Barred Plymouth Rocks. Prize winners at Fort Scott shows. Eggs, \$1.25 per 15.

Rose Comb Brown Leghorn Exclusively. Farm raised. Eggs per setting of 15, \$1. Incubator users write for special prices in 100 lots. P. H. MAHON, R. R. No. 3, Clyde, Cloud Co., Kans.

WYANDOTTES. Silver Laced and Pure White, and White Holland Turkeys. High-grade birds for sale at reasonable rates. Write wants to R. B. WALLACE, Stafford, Kans.

Single Comb Brown Leghorns Exclusively, choice stock farm raised. 30 eggs \$1.50, 45 eggs \$2.00, 50 eggs \$2.25, 100 eggs \$3.75. 200 eggs \$7.25. W. L. SHEPARD, Woodston, Rooks Co., Kans.

Black Langshans Cocks and cockerels score from 98 to 95. Also hens for sale. Eggs \$1.50 for 15, or 30 for \$2. J. C. WITHAM, Cherryvale, Kans.

Silver Wyandottes Exclusively First prize pen scoring 92 to 93 1/2. Eggs, 15 for \$2. Pure-bred Silvers, farm range, many of them prize-winners; 100 eggs, \$4. MRS. J. W. GAUSE, Emporia, Kans.

WHITE PLYMOUTH ROCKS Empire strain. High-scoring cockerels for sale cheap. ACHENBACH BROS., Washington, Kans.

Barred Plymouth Rocks. Eggs for hatching from fine large stock, yards headed with males scoring from 90 to 91 1/2. Hens and pullets scoring 89 to 92. Scored by Judges Rhodes and Russell. Eggs \$1.50 per 15. Packed carefully for any distance. Mrs. Geo. Clark, Sta. A., Topeka, Kans.

SUNNY SUMMIT FARM, BURE-BRED POULTRY. Stock and eggs for sale. Single Comb White, Single and Rose Comb Brown Leghorns Silver Spangled Hamburgs, Single Comb Black Minorcas, American Dominiques Mammoth Bronze Turkeys. Eggs, \$1 per 15. Turkey eggs, \$2 per 9. VIRA BAILEY, Kinsley, Kans.

INDIAN RUNNER DUCKS At Chicago, November, 1903, first and second prize on two entries. Black Langshans—Hettich strain direct. Wyandottes—White and silver. Hen eggs, \$1 per 15 eggs; \$1.75 for 30. Duck eggs, \$2 per 13; or \$4 per 30 Write for circular. R. L. CASTLEBERRY, Sherman, Kans.

LIGHT BRAHMAS Eggs shipped to any point. 1st cockerel and 1st pen at the Kansas State Show Cockerels for sale (with score-card by Rhodes.) Write me what you want and I will try to please you. Rolling Prairie Poultry Farm, Onaga, Kans. F. A. BROWN.

INDIAN RUNNER DUCKS PRIZE WINNERS See winnings in Kansas Farmer of Feb. 11th. Stock for sale. Eggs \$2 per 15. B. P. Rocks, good cockerels for sale. Eggs in season, by the setting, or hundreds. O. C. SECHRIST, Meriden, Kans.

Black Langshan Eggs for Hatching Three grand pens now mated up, all headed by prize-winning males. Pen No. 1, scoring 93 1/2 to 95 1/2; eggs, \$3 per 15; \$5 per 30. Pen No. 2, scoring 92 to 94; eggs, \$2 per 15; \$3.50 per 30. Pen No. 3, scoring 91 to 94; eggs, \$1 per 15; incubator eggs, \$5 per 100. Express prepaid to all points in the United States. E. C. FOWLER, 427 Shawnee Ave., Topeka, Kans.

For Laying and Exhibition BATES' Pedigreed White Plymouth Rocks, White Wyandottes and R. C. Rhode Island Reds. I won in every one of the four shows I exhibited this past season, including the great Kansas State show at Topeka, January 1904. Eggs from our White Rocks and Rhode Island Reds, \$1.50 per 15; White Wyandottes (won 2d pen Kansas State Fair) \$1 per 15. W. L. BATES, Topeka, Kans.

POULTRY SUPPLIES Thanolice (lice powder).....250 Oreo-carbo (lice killer).....500 Egg Maker.....250 Poultry Cure.....250 Roup Pills.....50 Medicated Nest-eggs.....50 Conkey's Roup Cure.....500 Buckeye Cholera Cure.....250

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CHICKENS Sound and Strong ones are easy to raise. Use the IMPROVED HATCHING SYSTEM to get them. It beats incubators. Booklet free. F. Grundy, Morrisonville, Ill.

equipped to get all the profit possible from his cows. The experience of thousands of dairy-men proves most emphatically that this is the proper course to pursue, and when contemplating the purchase of a separator it is advisable to keep in mind the fact that the De Laval is the best machine in every respect, and its value will be proved beyond a doubt when the dairy account is balanced at the end of the year.

The Poultry Yard.

CONDUCTED BY THOMAS OWEN.

Seasonable Hints.

The hatching-season is now on and a few words on how to set a hen may be in order. Nearly every one thinks he can set a hen, but every one can not. It is no easy task to set a hen properly, and thousands of eggs are spoiled annually because people are careless or ignorant in this respect. First of all, provide a warm, cozy nest, not too large nor yet too small. If too large, the eggs are apt to be scattered; if too small, the hen is apt to break the eggs in getting on or off the nest, on account of being crowded for room. A box fifteen inches square is about right. Set it on its side, nail a strip five inches wide on the front, to keep the nest material from scattering. Put a couple of inches of damp earth in it, then chaff or cut hay on that. Have the nest hollow, so the eggs will not roll about too much. Then get a good, quiet hen, not too large, and you are ready for the eggs.

If you have sent off for thoroughbred eggs, it would be a good idea to have the hen sitting for a few days on china eggs, so as to get her good and steady by the time the expensive eggs arrive. A fussy, flighty hen is a nuisance and it is a great disappointment to have such a hen break some of the eggs as soon as placed on them. Should the hen break an egg and smear the others, they should be taken out and washed with warm water, for if left as they are they will not hatch.

Do not put too many eggs in one nest. You will hatch a greater percentage of chicks, if you put a setting of eggs under two hens, than to crowd them under one, especially in the early spring. Nine eggs are enough to put under a hen in cold weather. The chicks from two hens could be doubled up and placed with one hen and the other could be accommodated with more eggs. Arrange it so that you can shut the box up every night because rats or other vermin may disturb the hen. Open it every morning so that the hen can get out to eat and dust. After she goes back, shut her up again. In warm weather you may let her out twice a day.

Provide corn for her to eat and fresh water to drink; and there ought to be a box of ashes or road-dust for her to dust herself in. We do not believe in feeding anything but corn to a setting hen. If sloppy food or even other grain be fed, it is apt to produce looseness of the bowels and the eggs will be soiled.

After the chicks are hatched, do not feed them anything for at least forty-eight hours. It seems cruel not to feed the little things, but they really do not need anything to eat. Thousands of chicks are killed each season through pure kindness and over-indulgence. The yolk that they imbibe just before leaving the shell is sufficient food for them for three or four days. What they need is warmth and with warmth they will gain strength. Feeding them too soon is a prolific cause of indigestion and bowel complaint and causes the death of more chicks than are raised. It is of no use, after going to all the trouble of hatching the chicks, to kill them through mistaken ideas of how to take care of them. After all the chicks are hatched, it may be well to take the hen out carefully and feed her well; then put her back to her chicks. This will make her contented and make her stay in the nest longer. She ought to be well dusted with insect powder when first placed on the eggs, several times during the hatch, and again after the chicks are all out. Lice and mites often cause a hen to leave her nest before the eggs hatch, and instances are known where the



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in the front rank. Exceptional materials, exceptional facilities, exceptional experience, exceptional skill, produce exceptional goods. You don't buy a wagon or carriage or a set of harness very often. Why not be sure you are getting the best? The more you investigate the Studebaker line, the more you will be satisfied as to its superiority. Sold by dealers only. A lot of useful information in our free book No. 43. A postal will bring it; also a neat souvenir pin if you mention this paper.

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hen has died on the nest, simply eaten up by lice.

A word or two as to feeding the chicks: The old notion of feeding hard-boiled eggs to young chicks has been exploded. Such food is very indigestible, even to the strongest stomach, let alone the tender stomach of a little chick a few days old. Wheat or graham bread is one of the most healthful foods for the first few meals. Either crumble the bread in its dry state or soak in milk, then squeeze as dry as possible and feed. Do not feed sloppy food of any kind; a johnny-cake makes good feed for chicks. After the first week you can begin feeding small grains, such as millet, hemp, Kafir-corn, and cracked wheat. The past two seasons we have fed nothing but dry feed to young chicks right from the start, and have had remarkably good success, having less mortality among them than ever before. Have plenty of grit or coarse sand by them as they need it to grind their food. Provide plenty of pure water, but manage the vessels so that the chicks can not get into the water with their feet. Damp feet and legs cause many a chick's death. A little meat should be fed occasionally; or in place of it, blood- or beef-meal, and ground bone. Keep them growing right from the start by feeding plentifully and often till fully matured. A stunted chicken, like a stunted pig, never amounts to anything.

Do not expect the impossible from eggs which you may have purchased. Chicks from eggs of the black breeds, such as Black Cochins, Black Langshans, and others, often hatch out white, but are none the less pure for all that, and will grow up into perfectly black fowls. Again, chicks from the white breeds, such as White Plymouth Rocks and White Wyandottes, hatch out dark feathers, but they will outgrow that and become perfectly white after they have shed their first feathers. Fanciers often receive letters denouncing them as frauds because the chicks hatch out a different color from the adult fowls. Another thing, do not expect too many chicks from a setting of eggs. If you hatch out 50 per cent of the eggs, it is a good hatch; if 75 per cent, a very good one. Do not write an insulting letter to the seller all the eggs do not hatch. They do not do it for himself and will not for you. Out of those that do hatch, do not expect them to be all high-scoring birds. Ninety-five point hens do not all lay ninety-five point eggs nor hatch ninety-five point chicks. In a flock of several hundred pretty good chickens there may not be a dozen ninety-five pointers.

In conclusion, should anything occur to make you think the seller of eggs is to blame, do not write him an insulting letter, calling him a "cheat" and a "fraud," but send him a kindly note, stating the facts; and a hundred to one, he will make it all right with you. Fanciers do not fix eggs so that they will not hatch, as some buyers imagine. It would not be to their interest to do so. On the contrary, a true fan-

cier is anxious for all his customers to have a good hatch and is only too glad to get a letter from them to that effect.

White Plymouth Rocks.—A Good Record.

EDITOR KANSAS FARMER:—I notice several farmers' wives have written of their experience with chickens. Maybe you would have no objection to a farmer's daughter relating her experience with her pet variety. Some years ago father built a new chicken-house and told me if I would feed and take care of the chickens, he would let me have the profits of the flock. He was to provide the feed, for which I was to let the family have all the eggs and chickens they would eat. We had all kinds and sizes of chickens at that time, but I made money even on common scrub stock. Reading up on chick-enology, I was convinced there was more money in thoroughbreds. It was a hard matter to decide on the breed but I eventually decided in favor of the White Plymouth Rocks, and have never regretted my choice. I have the circular yet that influenced my decision, and I can not do better than to quote from it to describe this breed:

"No variety of fowls has come to the front so fast in the past five years as the White Plymouth Rocks, and their popularity is based solely upon their merit, as they possess a greater number of necessary points in a general-purpose fowl than any other yet known. They are snowy white in plumage, have beautiful red combs and wattles. The legs, beak and skin are a rich yellow color; they have no black pin-feathers in dressing. They mature early and are of large size; cocks weigh 9½ and hens 7½ pounds and are very hardy and great rustlers; are a large, fine, table fowl, being plump and solid. A flock of these pure white birds are a most beautiful sight on a farm. But in addition to all these other grand qualities, they are the greatest layers in existence. This was proven by the most practical and valuable egg-contest ever conducted in this country.

"It was under the auspices of the National Stockman and Farmer, of Pittsburgh, Pa. This contest lasted twelve months, four very liberal premiums being offered; 224 pens started in, being scattered all over the United States. Eighty-one of them dropped out; the other 143 kept on throughout the entire year. The best record was made by a pen of 8 White Plymouth Rock pullets, which reached an average of 289 eggs to each pullet, with a market value of \$5.02 for the product of each. They were owned by W. S. Stevens, of Mechanicsburg, Ohio. Of the whole number of entries there were only six entries of White Plymouth Rocks and they took first and third prizes, and the rest stood nearly at the head of the list in the number of eggs."

After reading this, I sent off for several settings of eggs, costing me \$3 per setting. I had good luck hatching them and raised quite a number of chicks. The next season I sold out all my scrub stock and raised nothing but

POULTRY BREEDERS' DIRECTORY.

FOR SALE—Full line of Cyphers Incubators, brooders, feeds and remedies; also Higginsville bee supplies. Write for catalogues. Topeka Supply House, 634 Quincy St., Topeka, Kans.

CHERRY GROVE Rhode Island Reds. The farmers' fowl; eggs \$1 to \$2.50 per 15; incubator eggs \$5 to \$12 per 100. C. A. Richards, Route 3, Wichita, Kan.

C. C. W. Leghorns, eggs 50 cents per setting, \$3 per 100. Martha Cook, Russell, Kans.

BLACK LANGSHAN EGGS, \$1 per 15, from fine birds. Care and promptness in shipping guaranteed. Minnie Steel, Gridley, Kans.

WHITE WYANDOTTE EGGS 15 for \$1; 30 for \$1.75. Mrs. E. Viola Harmon, Liberal, Mo.

ROSE COMB BROWN LEGHORN and White Wyandotte eggs 15 for \$1; 100 for \$4. High scorers. Mrs. B. F. Evans, Wisley, Kans.

"The breed that Lays, is the breed that Pays"

Since January 1, we have marketed 360 dozen eggs, from 160 S. C. B. Leghorns. Pen mated to cock which is from stock that won at three State Shows. Our hens won 1st at local Shows. \$1 per 15; \$5 per 100. Jewell Bros., Humboldt, Kans.

I (J. F. Hays) want everyone to know all about the NATURAL HEN INCUBATOR. A 200 Egg Hatcher Costs But \$2. It's Cheap and Practical, and assures success to everybody. Agents Wanted, either one, no experience necessary. Secure your territory. Catalogue and 50c Egg Formula FREE. Address, Natural Hen Incubator Co., 295, Columbus, Neb.

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

BURR INCUBATOR

Up-to-date, no night watching. Perfect regulator, economical heater, price low. Test if yourself for 30 days; it's ours if you don't want it; fertile eggs must hatch. Special attention to beginners. We pay freight. Catalogue free.

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Don't Buy Without Reading Our **Incubator Book**
It is bright, interesting, practical. It tells just what you want to know—what you must know to buy wisely. The man who writes it has spent 22 years in developing the incubator. It was he who perfected the Racines, and his book tells you about them—also about all others. Write for it to-day—it is free.
Racine Hatcher Co., Box 88 Racine, Wis.

Old Trusty Incubator

Guaranteed Five Years. 30 Days Trial. It is the result of a life given to the study of incubators and practical work as a manufacturer. None of the weaknesses of the old and many new improvements. A dependable hatcher. An oil saver. Write and get Johnson's new book. It's Free and worth having if you ever owned or expect to own chickens. Write the Incubator man, M.M. Johnson, Clay Center, Neb.

No Guessing
You know in advance what will come if the eggs are fertile when you use the self-regulating **Successful Incubators and Brooders**
The machines for busy people and the inexperienced because they run themselves. That's the unqualified experience of thousands. The same under all conditions. Eastern orders have prompt shipment from the Buffalo House. 100 pens of Standard fowls. Incubator catalogue with fine illustrated poultry catalog free.
Des Moines Incubator Company, Dept. 88, Des Moines, Ia.

White Plymouth Rocks. I have now a flock of over two hundred hens and pullets and am deriving quite an income from selling eggs for hatching at \$1 per sitting. In the winter they lay extremely well, the pullets commencing to lay before they are 6 months old, usually in November, and they keep it up all winter. Of course, they have a good, warm house, and I see that they get a variety of good, wholesome food. Maybe I am getting the best end of the bargain, in letting father provide all the feed and he getting fresh eggs for the house and some of the culled chickens, but as he does not complain, I see no reason that I should make a fuss over it.

MINNIE RANDOLPH.

The Veterinarian.

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

Sick Colt.—My son has a coming 3-year-old grade Shire filly that has been unthrifty all winter. She has had Kafir-corn, cane, and prairie hay with corn-fodder and a small amount of corn. She has a growing enlargement on each side of her head midway of her eyes and nostrils, and at present she has the distemper and is very feeble. She eats and drinks very little.

Spring Creek, Kans. W. M. D.

Answer.—For a growing colt, oats is one of the best grain-rations, together with a little linseed- or oil-meal. A small amount of bright alfalfa hay would be good. She should be salted three or four times a week with a mixture of equal parts of common salt and wood-ashes. While she is weak now you could give her sweet milk and gruels, with some raw eggs beaten in. The enlargement on her face may come from her teeth and I would advise you to have her examined by a good veterinarian. As soon as possible allow her to have some fresh grass as this is an excellent tonic.

Enlargement of Hock.—I have a 16-year-old horse that was kicked on the inside of the hock joint. The tissues were cut to the bone. There was no hemorrhage and no pus formed, but the joint is swollen on the inside. There is very little inflammation and no lameness. There is some swelling and a hard lump where the shoe cut the tissues.

Bellville, Kans. W. R. B.

Answer.—I am not certain whether the lump is bone or fibrous connective tissue. If it is bone it will be a rather difficult matter to remove it in a horse of his age. I should try using some good liniment. Use the liniment sparingly but lots of hand-rubbing. It should be applied once or twice daily until the parts begin to get sore, then withhold for a few days and repeat again. If this does not reduce it, apply a light blister and repeat it again in the course of a month.

Tumor.—We have a brown, 2-year-old filly with a wart on the leg just above the hock joint. We removed it twice by tying a cord tightly around it, the last time about two months ago; but I am afraid it is going to grow again. Would burning it out with a hot iron stop its growth?

Rockcreek, Kans. H. C. T.

Answer.—These warts, commonly called rose warts, are rather common in horses and extremely difficult to treat. The most satisfactory way is to remove them with a knife, taking great pains to get every bit of the tumor or "roots." Ordinarily, burning or the use of caustics seems to irritate them and increase their growth unless the wart is totally destroyed. I am sending you, by mail, an ointment composed of oil of arbor vitae which is said to be very efficient in destroying these tumors. Apply it once daily and report to me the result.

Prolapsus of Vagina.—I have a 4-year-old cow that is troubled with a protrusion of the vagina, about the size of two fists. It first appeared after



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If you raise hogs and sheep you are deeply concerned about how to avoid cholera and cure scab. There's a dependable remedy. The highest authorities, Veterinarians, Leading Breeders, Government Experiment Stations, both by preaching and practice proclaim it the sovereign remedy. It is famous

ZENOLEUM

It avoids cholera by destroying disease germs, maintains sanitary conditions, cures scab, kills lice and ticks, relieves from stomach and intestinal worms, heals sores and wounds, cures skin diseases. To insure your animal's health you need only be guided by what Government and State authorities and leading breeders say of

"The Great Coal Tar Carbolic Disinfectant Dip."
Sample gallon of Zenoleum by express, prepaid, \$1.50. Five gallons, \$6.25, freight prepaid. Investigate by sending for copies of free booklets, "Veterinary Adviser" and "Piggy's Troubles."

ZENNER DISINFECTANT CO., 61 BATES ST., DETROIT, MICH.

dropping her first calf. Since that time the trouble has become chronic, the protrusion occurring at irregular intervals every two or three months. Each time I have bathed the affected parts in warm water with a little carbolic acid or alum, returned them to their place, and retained them there with a sort of truss for a week or ten days. This is one of my best cows and I do not want to dispose of her. Can this be cured? Please answer through the KANSAS FARMER.

L. H. H. Wallace County.

Answer.—I am afraid it can not be cured. The ligaments which hold the organs in place have been partially ruptured or stretched to such an extent that they allow the organ to protrude as you indicate. The treatment that you applied is all right and is about as good as can be given. The general tendency is for the trouble to increase rather than diminish as the animal gets older and the parts become more relaxed.

N. S. MAYO.

Gossip About Stock.

(Continued from page 357.)

the kind that attract the judge's eye. Among these ribbons are found fourteen, amounting to \$420, won on twelve head at the World's Fair in 1893 and twenty-nine ribbons won on seventeen head at the Trans-Mississippi in 1898, which was nearly one-third of all the money offered on the breed. Mr. Searle now has a bunch of fall pigs which are coming in fine shape and will no doubt be heard of in this fall in the show-ring the same as his last fall stock. It will be remembered "Searle's Sensation," bred and owned at Maple Lawn, won first in age last fall at the Nebraska show. Any one wishing something in this line can obtain as good as the best. Mr. Searle also reports his spring litters coming in fine shape, now having about fifty little March fellows.

There has been and will doubtless continue to be a good strong demand for Percheron horses in this country. This is a healthful indication and one which we are glad to see. Formerly the horses of Kansas and adjacent territory were largely broncos or of the bronco blood. By reason of the influence of the Percheron the pony is disappearing and the horses of the country have been given size, bone, weight and other good qualities by the influence of the Percheron sire. Perhaps there is no known breed of horses that has had so great an influence in changing the quality of the horse-stock of a country as has the Percheron in the South and West. Good horses with Percheron blood in them are always saleable at some price, no difference how flat the market may become. Some of the best-known horses of the Percheron breed have been owned and bred in Kansas. The great Brilliant, who has proved to be the sire of more prize-winners than any other Percheron horse in the United States, was owned by Henry Avery & Son, Wakefield, Kans., and his blood is still very strong in their herd. Kansas breeders believe in breeding the best for Kansas patrons, and the large herd of Avery & Son is a good one to visit by those who want good Percherons of the best breeding.

They have a young boar farrowed September 22, 1903, that now weighs 200 pounds and they think is one of the best boar pigs they ever saw. He was sired by their herd boar Hero 13588, out of Charlotte 30073, she by McKinley 11785. This is a toppy pig of extra fine quality that should be at the head of some good herd. We hope some of our Kansas breeders will go after him. The Crescent herd has some great sows among its members. On March 21, 1904, one of their sows farrowed twenty live, healthy pigs, and on the same day another sow farrowed fourteen on the same farm. Both these litters are sired by their herd boar, Hero. Roat & Co. desire to say to their old customers that they have added some new blood-lines, and can now supply different families of as good or better quality as heretofore. A private catalogue is ready for mailing to all who ask it. The Crescent farm also breeds pure-bred Barred and White Plymouth Rocks, Black Langshans, Golden and White Wyandottes, Buff and Partridge Cochins, Imperial Pekin Ducks and Mammoth Bronze turkeys. They now have eggs of all these breeds for sale, and they will be

shipped in the Eyrle egg-box which will insure their safe arrival. John W. Roat & Co. are good people to deal with, and a letter to them will bring information about any of their stock.

Mt. Pleasant herd of Shorthorn cattle, belonging to A. M. Ashcraft, route 3, Atchison, Kans., has recently disposed of their noted herd bull, Acomb Duke 18th 142177. This bull was a splendid animal as is shown by the work he has done in Mt. Pleasant herd. Very many of the young animals now on the farm were sired by this great bull, and to the writer it seems unfortunate that the herd is so constituted that the owners could have no farther use for him. Very many people prefer to buy a 2-year-old bull which has not been tried to purchasing one of greater age that has been tried and proved and whose value is at its greatest. This was true in regard to Acomb Duke. While the owners were compelled to sell him because of his kinship to the herd, his purchasers did a wise thing in getting him rather than in securing an untried bull. Acomb Duke has left behind him on Mt. Pleasant farm a lot of first-class animals that will serve to keep his memory green for years to come. Among these we note a 2-year-old bull called Western Rover 201093 that we consider good enough to go in a good herd as its head. He has an exceptionally fine head and horns, and his bone, vitality, back and lines are just right. The owner is inclined to think that Prince George 2d 201092 is in some respects a better animal, but they are so nearly alike in quality that we give our preference for Western Rover, because of his better head. Kansas Prince 4th 201088 is the third member of this trio of serviceable bulls, and he is good enough to be with his brothers, in fact it is difficult to pick out the better one of the three. In addition to these there are six yearling bulls, four of which were sired by Acomb Duke and two by the present pure Bates herd-bull Prince George 161300. There are some snaps in this bunch of youngsters that ought to make them go to buyers rapidly. The females of the herd are nearly all Young Marys, though there are some Galatese with a sprinkling of Sanspareil blood. About twenty head of the females ranging from one year up are for sale. These are mostly sired by Acomb Duke and those old enough are bred to Prince George. To the farmer or breeder who desires to get pure-bred stuff on his farm, and this ought to apply to every farmer in the country, we desire to suggest that Mt. Pleasant farm is the place to buy Shorthorns now. They are of the useful kind that make money. They are the kind that always sell at some price, no difference what the market may be. Right now is the time to buy good blood and get a start in raising money-makers instead of money-losers. Such an opportunity as now exists to go into the pure-bred Shorthorn business has not existed for years, and every indication points to a decided upward tendency in prices so that the wise man is he who buys now when they are cheap so that he may be ready to sell when they get high-priced. Write to A. M. Ashcraft, route 3, Atchison, Kans., for particulars and prices, but it would be vastly better to go there and see the cattle. Rest assured you are always welcome.

Dunham, Fletcher & Coleman, Wayne, Ill., write: "We have made some very good sales of late, our horses having gone to a wide extent of territory. French Coachers have been thus sold by us: To E. Richmond, of Wisconsin, the mare Sappho; to Mrs. Jarvis Hunt, the very well-bred mare Genista; to the Lum French Coach Horse Co., of Michigan, the stallion Artimon, a long-necked, elegant horse; to the Rockingham County French Coach Horse Breeders' Association the imported stallion Alphabet; to the Pen Yan French Coach Horse Co., of New York, the stallion Vasistas, one of our latest importations; to the Owasco Lake French Coach Co., of New York, the imported horse Va-un-pled, another of the good ones we got over in 1903; to Sr. Francisco Urquiza, of Mexico, the stallion Allschamp, which he takes to assist the great home-bred colt we formerly sold him and which won the championship at the great Mexican National Show last fall. It is gratifying to note such a wide distribution of these elegant Coach stallions. We have sold several others this season to Southern States not named here. Belgian stallions have lately gone to Evan Lewis, of Wisconsin, who selected the prize-winning Bonjour, and the powerful horse Piccolo went to C. Carberry, V. S. Keppel and others of the same State. Among the Percherons which have recently been sold from our barns we may name the great 2-year-old colt Timonier, which was first in his class at the last International. He is now the property of a strong company of farmers in Tama County, Iowa, into which county we also sold the very super-

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generate most power at least expense and in form best adapted to small or large purposes. Every thing from the 3/4 horse Jr. to 300 h. p. Engines. All money earners, built to last, absolute in safety. No skilled engineer or license required. Any intelligent person can operate. Preferable to steam for many reasons. Catalog shows why. Write for it.

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The "SUN" Outshines Them All. Burns 90 per cent. air and 10 per cent. hydro-carbon gas—costs but little more than daylight. Conforms to insurance underwriters' rules. The ideal light for home, church, hall or business. Write for Our Liberal Terms to Agents. Branch supply depots in all the larger cities.

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40 VARIETIES Of pure bred Chickens, Ducks, Geese and Turkeys. Quality the best, proven by show records. Being raised in the north, are especially hardy, healthy, vigorous and fine in plumage. Eggs for hatching for sale, at reasonable prices; also fowls. We have the largest Poultry Farm in the northwest and many years experience in breeding high class standard bred poultry. Send lots in stamps for our large 60 page Catalogue, the most valuable poultry book published.

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rior Percheron stallion Introuvable, the latter going to the Traer Percheron Horse Co. This is an old Percheron stronghold and the farmers know that there is money to be made in getting stallions of the highest class. Another really great young Percheron went in Coco to W. B. Miller, W. H. Devine and others in Kent County, Michigan, and these men, too, were seeking a stallion very close to the top of the tree. Coco was one of our stallions most admired at the Chicago show last December. Other Percheron sales of stallions are thus listed: To J. R. Crawford, of Iowa, Imp. Kadour; to J. E. Rennie, of Ohio, Imp. Toc; to Trundle Bros., of Maryland, Imperateur; to the Center Point Percheron Horse Co., of Indiana, Imp. Richelleu; to the Cedar Rapids Percheron Horse Co., of Iowa, the capital Cernier; to the Riverside Percheron Horse Co., of Idaho, Imp. Valentin; to the Botna Percheron Horse Co., of Iowa, Imp. Bazan; to the Lake County Percheron Horse Co., of South Dakota, Imp. Rossignol; to J. H. & S. F. McClure, Imp. Maryland, Imp. Automobillard; to O. B. Lacey, J. M. Givinn, and others, of Indiana, Imp. Bayard. We have in offer now a fine lot of all of the breeds handled and our horses are of the best ages. It should be remembered that a very large importation did not reach Oaklawn till very late in the year and these horses are now right in the pink of condition to go right into hard work in the stud. Messrs. Dunham, Fletcher & Coleman's advertisement is on page 366.

The catalogue for the great Hereford sale to be held by Scott & March, at Belton, Mo., on April 6 and 7, is now being distributed. This will unquestionably be one of the great sales of the year. One hundred and twenty-five choice head of Herefords will be consigned and they are the best that this breeding-farm ever offered for sale. Fifty head of these will be females with calves at foot or bred to the best herd-bulls. The whole consignment ranges from 12 to 30 months old and eighty head of them are close descendants of Hessiod 29th, who is recognized as one of the great bulls of the breed. This sale is not only remarkable for the quality of the offering but for the fact that the owners agree to pay freight to any part of the United States on car-load lots that may be purchased. This will enable parties from the same neighborhood to combine together and buy a car-load lot and thus save the entire cost of freight. It is doubtful if there ever has been a better opportunity to get a good start in breeding Herefords, at your own price, than will be offered by this sale. Scott & March are now recognized as one of the great breeding firms of the country and they have won this reputation largely through the remarkable calves that have been gotten by Hessiod 29th. Many of the females of Hessiod 29th's get will be in calf to Giltedge 92881, who is a son of the great Dale. Those who desire good pedigrees, each of which is represented by a first-class animal, can do no better than to attend this sale. We believe it would pay any Hereford breeder to attend for the lessons he may there learn, whether he buys or not. Write Scott & March, Belton, Mo., for catalogue.

THE MARKET.

The Live-stock Situation.

The J. P. Peters Commission Company, of Kansas City, make the following report: "The receipts of cattle were liberal yesterday at all of the markets. Chicago had 28,000; market steady to 10c lower. Our receipts were comparatively light, 7,000. Good heavy and light weight steers active and steady. Good butcher stuff steady to strong. The supply of stock-ers was liberal with the best selling at steady prices; feeders weak to 15c lower. "The receipts to-day are reported heavy at all of the markets; we have 12,000 on sale with a rainy morning. The outlook is not encouraging for to-day. "While we are fully aware of the fact that the situation looks bad on the whole to the feeder, still on the other hand we firmly believe that the man who holds his cattle will come out in the end with a goodly margin as his reward, though to do this in view of the present situation, we know requires 'nerve.' The per cent of good, heavy, fat cattle in the receipts is very light, consisting mostly of stock-ers and feeders and short-fed cattle, which if held for the later markets, May and June, would sell, we believe, at considerable of an advance in price; hence our advice to the feeder is to hold his cattle. "Chicago had a heavy run of hogs on yesterday—31,000, with a steady to strong market. With 5,000 on sale here our market was strong and 5c higher; top \$5.25. Chicago has 22,000 to-day, strong to 5c higher, and with 9,000 on sale here our market is 5c higher, with top \$5.30, bulk of sales \$5.20 to \$5.27 1/2. "We feel that no firm is better equipped to look after your interests at this point and court the closest investigation both as to the ability of our salesmen in the yards and as to our financial standing. "With best wishes and being glad to hear from you at any and all times, we remain, Yours very truly, "J. P. PETERS COMMISSION CO., "Successor to McIntosh & Peters."

Kansas City Live-stock and Grain Market.

Kansas City, Mo., March 28, 1904. To-day's supply of cattle amounted to 7,000, which is a usual Monday's run. The general market was 10c lower than last week's close. Dressed beef steers constituted the larger part of the receipts and the supply was the kind the packers wanted (the lighter class of fat steers), and the market was active and steady on the most desired kinds. The top to-day was \$4.85 and several strings sold around \$4.80 to \$4.70. The less desirable kinds were sold well at around \$4.25 to \$4.45. There was a fair supply of stockers and feeders, but the market was not so good as last week, being 10 to 15c lower. The bulk of the sales were below \$3.75 while some choice stuff went as high as \$4.35. Cows and bulls were not so plentiful to-day and the mar-

ket was not as good as last week; calves were also slightly lower.

Receipts of cattle here last week were normal at 27,200. Considering quality and all there was not much change in the price of dressed beef steers. There was a good supply of heavy stuff but it did not have the finish and quality that accompanied the previous week's supply. The top this week was \$5 and the previous week the top was \$5.35. The market was fairly active and spicy, there were no special features. Fat she stuff and bulls were good sale and in fair demand. The stocker- and feeder-market was good for this season of the year, the shipments to the country were 284 cars for the week. On last Wednesday the shipments were 103 cars, of which 34 cars went to Iowa. There is an unusual number of stockers and feeders going to Iowa this spring and this market can look for a good supply of fat cattle from that State next fall. The prices were not quite so good as last week, but there was a good, active market and complete clearance.

There was a very light run of hogs at this market to-day, the receipts amounting to 4,500, including 500 direct to Armour from Sioux City. The bulk of the supply was on the mixed order, although there were several loads of heavy hogs which sold at steady prices. The general market would be called steady to 5c higher, but the 5c increase was confined entirely to the light weight and butcher stuffs. Owing to the limited supply here as well as at other Missouri River points the demand was good and an entire clearance was had by noon and the better tone of the provision market also added strength. To-day's top was \$5.25. Heavy and mixed hogs sold around \$5.10 to \$5.25, light and butcher grades sold from \$4.85 almost to the top. The bulk of all the hogs sold at from \$5.10 to \$5.20 and the top under 200 pounds was \$5.17 1/2. A week ago to-day the top was \$5.15. A better market is predicted by some of the better-posted hogmen of the yards for this week.

Last week's aggregate hog receipts were 28,500, which is a very light run. Packers have been very indisposed for the past two weeks and prices have been on a steady decline with few fluctuations. Last week's decline over the previous week was around 10c. The top this week was \$5.25, which was had Saturday and Wednesday, and the bulk of the receipts were around \$5 to \$5.15. One of the most noticeable features of the hog market was the market increase in demand for the light weights; there was only slightly more than 12 1/2c difference in the price of hogs under 200 pounds, than the best heavy hogs. These light hogs have gained at least 5c in the past week, but to speak of the general market we call it about 10c lower. The packers are very indifferent and claim that there is very little demand for this product. There is not much hopes for a better market soon and predictions are so varied among different interests that there is no clue to the future.

Last week's sheep receipts were unusually light, only aggregating 17,200. The quality of the supply, most of which was lambs, was much better than for several weeks, and in some instances the highest prices of the season were reached. There was a general good, strong feeling throughout the entire week. Some choice wethers sold as high as \$4.85 and ewes went as high as \$4.50. Lambs are selling 5c higher than last week. Yearlings were about steady with last week. The range of prices were about as follows: Good to choice lambs \$5.50 to \$5.65, medium lambs \$5.15 to \$5.25, best yearlings \$3 to \$5.10, fat wethers \$4.70 to \$4.85, and fat ewes \$4.35 to \$4.50. A good clearance was had for the week and prospects are very flattering.

To-day's sheep receipts were fairly liberal. Nearly the entire supply was lambs and the market was very slow in opening, all indications were for a steady market which was had at a squeeze. One bunch of ewes sold at \$3.95, but prices were not practically changed from last week or Saturday's close.

The supply of horses and mules this week was too large for the demand and amounted to 1,290 head. This unusually large run, which was had mostly the first of the week, caused a decided slump in prices. On all classes of horses there was from \$10 to \$20 loss in price. The demand from outside markets was very light and the number of all the buyers was too small to handle the supply, consequently the market decline in prices. Fair to good drafts sold around \$135 to \$145 and the extra good kinds sold as high as \$165, chunks sold from \$75 to \$125, drivers sold around \$75 to \$125; of course the common kind of drivers were cheaper, selling as low as \$25, and good Southerners sold around \$35, while the more common kinds went as low as \$40.

The past week has been very quiet at the mule barns about the smallest trade of the season was had. Buyers were not in evidence and in fact there was very little expected. There was some demand for mine and farm mules and one car-load railroad mules left the barns this week. There was a little weakness shown in the commoner kinds, but further there was no change in prices. The commission barns contain 125 head of holdovers for next week's market.

Receipts of grain here to-day were 46 cars wheat, 28 cars corn, 11 cars oats, and 3 cars rye. Demand for wheat was good and the market slightly higher. No. 2 hard 90 to 91c, No. 3 hard, 88 to 90c, rejected hard 80 to 81c, No. 2 red \$1.01 to \$1.04, No. 3 red 99c to \$1. Corn was higher and in fair demand. No. 2, 45 to 55c, No. 3 mixed, 45 to 45 1/2c, No. 2 white, 46c, No. 3 white, 45 1/2 to 46c; No. 4 white, 43 1/4 to 44c. Oats are about steady with last week's quotations. Rye is in good demand and sells around 61 to 63c. Bran is in good demand and corn-chops are slow selling around 91c per cwt. H. H. PETERS.

South St. Joseph Live-stock Market.

South St. Joseph, Mo., March 28, 1904. Receipts of cattle last week, 8,521; previous week, 11,214; year ago, 9,258. Under light to moderate receipts of beefs the fore part of the week the trend of prices was sharply higher, but with bad conditions at all of the outside points later on part of the above advance was wiped out, the week closing with prices mostly 10 to 15c higher. Kansas beefs topped the

Special Want Column

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

CATTLE.

RED POLLED BULLS—Two 2-year-old; eight 6 to 10 months old. The kind there is money in while stock cattle are low. Write to, or call on H. L. Pellet, Eudora, Kans.

CHOICE young shorthorn bulls at very low prices; also open or bred gilts, Polands or Durocs. M. C. Hemenway, Hope, Kans.

D. P. NORTON, Dunlap, Kans., offers registered Shorthorn bull and heifer calves, crop of 1903, at \$60, get of Imp. British Lion 153492.

SEORTHORNS FOR SALE—16 bulls from 8 to 20 months old; also 150 females, and a nice lot of Poland-China boars and sows. Wish to sell at once at farmers prices; breeding first-class, all stock in good health and in good breeding condition. Geo. Chan-non, Hope, Kans.

FOR SALE—Two registered Shorthorn bulls. For prices address Brookover Bros., Eureka, Kans.

FOR SALE—Registered Hereford bulls, 1 and 2 years old, short legged, heavy fellows, reasonable prices. H. B. Clark, Geneseo, Kans.

FOR SALE—My Shorthorn herd bull Meteor 154102, dark red; 4 years old, a fine individual. Also 4 year-ling bulls. James Ely, Auline, Kans.

HANDY HERD REGISTER—The improved Handy Herd Book for swine breeders is a record book that every breeder should have. It is perfect, simple, practical and convenient and contains 101 pages of about one cent a liter for keeping the record. The regular price of this handy herd book is \$1, but we furnish it in connection with the Kansas Farmer one year for only \$1.50

FOR SALE—Registered Aberdeen-Angus cattle, six 2-year-old and 5 yearling bulls, also 25 head of cows and heifers. I am making special prices on account of shortage of pasture. Can ship on three different railways. A. L. Wynkoop, Bendena, Doni-phan County, Kans.

FOR SALE—6 good Shorthorn bulls, 3 of them straight Crutckshanks, come and see me. H. W. McAfee, Topeka, Kans.

GALLOWAY CATTLE—Choice young stock of both sexes for sale. W. Guy McCandless, Cotton-wood Falls, Kans.

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

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

FOR SALE—Guernsey bulls from best registered stock. J. W. Perkins, 428 Altman Building, Kansas City, Mo.

HORSES AND MULES.

FOR SALE—For the next 30 days at greatly reduced prices. 20 head of jacks and jennets, all blacks, and all good sizes. Write or see E. W. Poo, Potter, Kans. Barns 3 blocks north of depot.

FOR SALE OR TRADE—For other horses, a dapple gray Norman stallion, weight 1600 pounds, Stormont Bros., Dighton, Kans.

FOR SALE—Olydesdale stallion, 5 black jacks, 2 trotting-bred colts. Would trade for Percheron mares. J. C. Strong, Moran, Kans.

FOR SALE—Two black Mammoth jacks, 3 and 5 years old. One black Percheron stallion, 4 years old. E. E. Potter, Sterling, Rice Co., Kans.

FOR SALE OR TRADE. A black Kentucky jack, 15 hands high; good breeder; cheap for cash or trade for cattle. C. A. Kline, Tecumseh, Kas.

11-WORTH COUNTY JACK FARM—14 jacks and 21 jennets on hand. Write me for prices. O. J. Corson, Route 2, Potter, Kans.

FARMS AND RANCHES.

FOR SALE—Two 80's real well improved for \$2,000; 160, 6 room house, 1 mile from Florence, \$3,200; 320, 5 room house, new, with all outbuildings new, \$5,000; 720, rough pasture land, good bluestem-grass, \$8.50 per acre. This is but a few of the many bargains that we have; write us for complete description. Garrison & Studebaker, Florence, Kans.

FOR SALE—Either of two good farms in eastern Kansas, one 300 acres, handsome prairie; other 340-acre rich bottom farm, with improvements on high ground, large, substantial buildings, running water, fuel, and tame meadows on each; rural mail and telephone. Either at a bargain until crop season opens. Address Box 189, Garnett, Kans.

FOR SALE—160 acre farm, good improvements, abundant supply of excellent water, close to school, 4 miles to church, post-office and cream station, \$1,200 cash. H. V. Gilbert, Wallace, Kans.

120 ACRES, new buildings, Osage Co., \$2,600. Bar gain. Farm, R. F. D. 2, Williamsburg, Kans.

market at \$5.35. Good, beefy cows and handy-weight heifers in good flesh sold 10 to 15c higher, but canners and medium offerings showed no gain in value, although the demand was good. Bulls and stags generally sold steady. Good to choice thin stock cattle were of ready sale all week and prices gained 10 to 15c, but weighty feeders and anything on the common and medium order sold more slowly and no more than held steady. Supplies of hogs last week, 22,727; preceding week, 26,319; year ago, 21,640. In spite of the reduced supplies, salesmen were unable to secure a much higher range of prices, for packers were quite bearish and they approved every opportunity to put their buying on a lower basis. The quality was mostly good and the average weight held up well. The tops to-day were made at \$5.25, with the bulk of sales at \$5.20 to \$5.22 1/2. Offerings in the sheep division last week were 18,552; former week, 26,651; year ago, 21,640. Under sharp competition among all of the local buyers for supplies, sellers had no trouble in advancing prices 15 to 25c, and with 6,249 on hand to-day they secured another gain of 10 to 15c, with Colorado lambs selling at \$5.90, just good Colorado sheep and yearlings at \$5.15, Nebraska wethers without fleece at \$4.60, and Colorado ewes at \$4.75 to \$4.85, the ewes selling at the highest prices of the year. FRIDLEY.

SWINE.

REPUBLIC COUNTY herd of Poland-Chinas, choice August and September 1903 boars for sale, sired by Moonshine 26695, by Best on Earth 13161, dam Sunshine 54983. Good individuals, nicely marked, one very choice, good enough to head any head; his dam Lady McWilkes 24 64981. Other good ones. Special offer to make room for spring litters. R. C. B. Leghorn eggs at \$1 per 15; \$1.50 per 30. For incubator lots write O. B. Smith, Cuba, Republic Co., Kans.

SEEDS AND PLANTS.

SOY BEANS—(early yellow) Crop of 1903. Sacked and delivered at depot, for \$1.25 per bushel by G. R. Wheeler, Tyro, Kans.

TOMATO and Cabbage plants for sale; good, healthy plants, 25 cents per 100; \$2 per 1,000. In lots of 5,000 or more at the rate of \$1.50 per 1,000. C. A. Hicks & Co., 389 Elm St., Lawrence, Kans.

STRAWBERRY PLANTS that will grow and bear for farmers; 200 Warfield, voted best by State Horticultural Society, 100 Splendid, second best, for \$1 f. o. b. Other good kinds. A. J. Nicholson, Manhattan, Kans.

ALFALFA SEED FOR SALE—Prime \$8.50 per bushel. Geo. Buttreal, Wallace, Kans.

MY ENGLISH BLUEGRASS SEED for spring sowing is all sold. D. O. Buel, Robinson, Kans.

SWEET POTATO SEED for sale, of the yellow Nansmond and Early Golden varieties, at 2 1/2 cents per pound for Nansmond and 2 1/2 cents per pound for Early Golden f. o. b. Also plants in their season; cash with order. Address I. P. Myers, Hayesville, Kans.

GERMAN MILLET, Orange and Amber-cane, White Kaffir seeds for sale. These seeds are choice, re-cleaned and fanned. Write for prices and sample. Prices right. Adams & Walton, Osage City, Kans.

75 BUSHELS OF ALFALFA SEED FOR SALE—Will sell all or any amount for \$8 a bushel. Seed is clean and as fine as any raised last season. H. S. Durrett, M. D., Wallace, Kans.

EXCELLENT WHITE WONDER SEED CORN in ear, sacked and delivered at station, \$1.50 per bushel. S. M. Losey, Richland, Kans.

TESTED SEED-CORN—Free sample and circular telling how I breed the best corn grown. Also 80 choice large heavy boned Barred Plymouth cock-erels. John D. Ziller, Hiawatha, Kans.

WANTED at Willis Nurseries, Ottawa, Kansas, customers for the best selected lot of nursery stock in the West. Catalogue free on application.

POULTRY.

FOR SALE—Some more of those fine Scotch Collie pups at \$3 each. Also Partridge Cochlin and Toulouse geese eggs at \$1 per sitting. O. A. Rhoads, Columbus, Kans.

WHITE PLYMOUTH ROCKS—Fishell Strain; Black Langshangs. Eggs only. Write for prices. E. J. Bingham, Miami, I. T.

MISCELLANEOUS.

ADD YEARS TO THE LIFE of your binder by using the Star Binder cover. Abe Hertz, Tonkawa Okla.

FOR 25 CENTS I will send you recipe for preparing any kind of hard or soft wood fence-post, to last as long as cedar at a cost of less than 2 cents each James Walker, Harveyville, Kans.

WANTED—Agents to sell OSGOOD SCALES, Good side line with implements, mill supplies, nursery stock, etc. Liberal contract, no expense. Act quick. Osgood Scale Co., 47 Central St., Binghamton, N. Y.

STOCK WANTED ON SEARNS—We will pasture, feed and breed Angora goats, cattle or mares, for one-half the increase and clip. We have 2,500 acres good grass land, good water. 200 acres cultivated for winter forage. Three year contract. Investigate. Clyde Curlee, Sec., Lucerne, Woodward Co., Okla.

WANTED—To sell or trade for any kind of stock, one 600-pound capacity Sharples separator, almost new. L. A. Abbot, R. R. 1, Wamego, Kansas.

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

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

PATENTS.

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

The Stray List

Week Ending March 10.

Crawford County—John Viets, Clerk. HEIFER—Taken up by Frank Wade, in Washington tp., (P. O. Yale, Kans.), Feb. 28, 1904, one 3-year-old, red and white spotted; valued at \$14.

Week Ending March 24.

Phillip County—J. F. Rambo, Clerk. COW—Taken up by M. L. Heritage, in Arcade tp., Jan. 10, 1904 one small roan with Hereford markings, weight 800 pounds; valued at \$23.

Wichita County—P. M. Reinheimer, Clerk. HORSES—Taken up by Elsie Forbes, in Leoti tp., October 12 1903, one 2-year-old gray horse; one 1-year-old gray mare; one 2-year-old bay horse; one 1-year-old bay m re; one 2-year-old black mare; also one 7-year-old brown pony, mare, branded with anchor on left shoulder; total value \$100.

Week Ending March 31.

Johnson County—J. G. Rudy, Clerk. HEIFERS AND STEER—Taken up by George Trager, in Mission, March 1, 1904, one 1-year-old black heifer, one 1-year-old heifer, red, with white spots; also one 1-year-old steer, red, with white spots; valued at \$10 each.

Franklin County—J. H. Bell, Clerk. PONY—Taken up by J. J. Hale, 3 miles south of Pomona, Kans., Jan. 1, 1904, one 3-year-old cream colored pony, weight about 700 pounds, branded C on right flank, branded H S on right flank; valued at \$25.

Sedgwick County—J. M. Chain, Clerk. HEIFER AND STEER—Taken up by J. P. Royal, Waco tp., one heifer and steer, red, underbit and overbit in left ear, about 2 years; valued at \$12.50 each

DUROC-JERSEY SWINE.

D. M. TROTT ABILENE, KAS., famous Duroc-Jerseys, Poland-Chinas.

COUNTY SEAT HERD DUROC-JERSEY SWINE. Geo. Briggs & Son, Clay Center, Neb. Annual sale of bred sows February 18, 1904.

Registered Stock. **DUROC-JERSEYS**, contains breeders of the leading strains. N. B. SAWYER, CHERRYVALE, KANSAS.

DUROC-JERSEYS—Large boned and long bodied kind. A lot of fine fall pigs for sale. Prices reasonable. E. S. COWEE, R. F. D. 1, CARBONDALE, KANSAS.

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

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

DUROC-JERSEY SWINE Prize-winning strains. Bred gilts all sold. A few fall pigs, choice ones, for sale. F. L. McClelland, R. 1, Berrinton, Kans.

FAIRVIEW HERD DUROC-JERSEYS Two grand herd boars for sale at reasonable prices, if taken soon. Young stock all sold. J. B. DAVIS, Fairview, Brown Co., Kans.

DUROC-JERSEY BOARS. A choice lot of young boars of August, September, and October farrow from prize-winning sows in one of the strongest Kansas rings in 1903, weigh from 80 to 160 pounds, big litters, strong individuals with good feet. Write at once for bargains. J. F. STAADT, Pomona, Kans.

RECORDED DUROC-JERSEYS Choice lot of toppy boars for sale cheap if taken soon. L. L. VROOMAN, Hope, Kans.

OSAGE VALLEY HERD DUROC-JERSEYS Some Choice Fall Pigs and 15 S. C. Brown Leghorn Cockerels for sale at Prices to Move Them. A. G. DORR, Osage City, Kas.

A FEW DUROC-JERSEYS LEFT March and April pigs, both sexes. Forty early fall pigs by Price 17790, first prize at Ottawa Fair 1903. Also 30 B. P. Rock cockerels. L. A. KEELER, Route 7, Ottawa, Kans.

Rockdale Herd of Duroc-Jersey Swine. I have at present 40 head of bred gilts I am pricing at \$20 and \$25 to close them out. Also 60 head of fall pigs I am offering very cheap. Prize-winning strains. Inspection invited. Rural Route and telephone. J. F. CHANDLER, Frankfort, Kans.

SOLOMON VALLEY HERD Duroc - Jersey Swine. Young stock of both sexes always for sale. Visitors always welcome. Write me. W. F. GARRETT, Box 210, Portia, Kans.

Duroc - Jerseys See our handsome heavy-boned daughters of Red Duke 2d 18663, and Bred to Gold Dust 2d 20401

for spring farrow. Also a grand lot of fall pigs at farmers' prices. Address

BUCHANAN STOCK FARM, Sedalla, Mo.

POLAND-CHINA SWINE.

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

Kansas Herd of Poland-Chinas I now offer for sale, Proud Kansan, he by U. S. Perfection, by a son of Mischief Maker and a son of Ideal Sunshine. F. P. MAQUIRE, HUTCHINSON, KANSAS.

Pecan Herd of Poland-Chinas Model Tecumseh 64183, American Royal (S) 90783, and Best Perfection 81607 at head of herd. Write us your wants. J. N. WOODS & SON, Route 1, Ottawa, Kans.

Mains' Herd of Poland-Chinas Up-to-date breeding. Will sell one Chief Perfection 2d herd-boar. After Dec. 1 will sell a few herd-sows and a fine lot of fall pigs. Write for what you want. JAMES MAINS, Oskaloosa, Jefferson Co., Kans.

VERDIGRIS VALLEY HERD Poland-Chinas Contains as good or better individuals and finer breeding than ever. I breed for large size and heavy bone combined, with quality and finish and strong constitutions. For Sale—Some first-class August and September pigs and a grand, good yearling boar. E. E. WAIT, Altoona, Wilson County, Kas.

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

POLAND-CHINA SWINE.

SHADY NOOK HERD Poland-Chinas. Up-to-date breeding. Correspondence solicited inspection invited. Wm. Plummer, Barclay, Kans.

CLEAR CREEK HERD OF POLAND-CHINAS A few more Choice Young Boars ready for service at Reduced Prices until March 1st. Gilts all sold. Please mention this paper. E. P. SHERMAN, Wilder, Kans.

RICHLAND Poland-China Herd—Headed by R. Prince Henry 66965 and Black Chief Perfection 20567; dams, Big Bone Beauty 178492, Richland J. P. Best 178493 and others of the Patchen-Perfection-I. Know strains of best Poland-China blood; my hogs have been bred for good length and size, with extra good bone, yet true to best Poland-China type; a few bred sows and gilts for sale. Write D. C. Van Nice, Richland, Kas.

Perfection Herd of POLAND CHINAS. I have at present some choice boars that are good enough for the best of company; also some choice brood sows, bred to choice Perfection boars, such as Royal Perfection 32582 and Rival Perfection. None but choice stock shipped. S. H. LENHART, Hope, Kans.

HIGHLAND FARM HERD OF PEDIGREED POLAND-CHINAS Fourteen boars weighing from 150 to 250 pounds. They are large, with good finish, good heads and fancy ears. I also have ten gilts left and forty extra good fall pigs ready to ship. They are sired by Black Perfection 27182 and Corwin's Improver 25768. Several at good enough to head any herd. Seven and one-half miles northwest of Leavenworth. (I ship from Leavenworth, eight railroads.) One mile west of Kickapoo on mainline of Mo. Pacific. JOHN BOLLIN, Route 5, Leavenworth, Kansas.

ROME PARK POLAND-CHINAS and BERKSHIRES. I have about twenty boars ready for use and twenty-five sows bred, and some unbred, and a large number of good pigs, both breeds. T. A. HUBBARD, (County Treas. Office), Wellington, Kans.

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

Elm Grove Stock Farm. UP-TO-DATE Poland-Chinas Woodbury 72051 and Perfection's Profit, a choice son of G.'s Perfection, Grand Champion at Iowa and Illinois State Fairs in 1903, at head of herd. Females include the blood of Perfect I Know, Corrector, Corrected, Keep On, Proud Perfection, Mischief Maker, Guy's Price, Anderson's Model, and like blood. Large herd and choice animals. Call or write. F. A. DAWLEY, Rural Route 1, Waldo, Kansas

BERKSHIRE SWINE.

Large English Berkshires Pigs of both sex sired by first prize boar at Topeka fair; also a prize winning boar, and 2-year-old herd boar, Highclere Improver 5827. Manwaring Bros., R. R. 1, Lawrence, Kans. Telephone 582-2-White.

East Reno Berkshire Herd Best Blood in the Land. Herd Boars—Baron Beauty Jr. 72642, and Black Robin Hood 2d 73523. Young stock for sale. Farm 2 miles N. E. from Madona G. D. WILLEMS, R. F. D. 3, INMAN, KANSAS

...THE... WILLOWDALE

Berkshires SPECIAL OFFER. I have 25 bred sows at a bargain price and 100 head of fall pigs; if ordered soon will sell cheap, as I want to make room for the spring pigs; this stock is sired by the greatest boars of the breed—Royal Baron, Baron Lee 7th, and Sunny Side King, the champion at Kansas City last year and combination champion at Illinois and International and sire of champion sows at Illinois for two years. These are the produce of sows equally well-bred. If you need a boar, write for prices, as they must be sold quick. Young stock of all ages for sale. Address

G. G. Council, Vandalla, Ill.

CHESTER WHITE SWINE.

PLEASANT VALLEY HERD OF CHESTER WHITE SWINE. Choice lot of young stock of either sex for sale. Special attention given to correspondence and selection. Pedigree with every sale. A. F. Reynolds, R. F. D. 4, Winfield, Kansas.

20 Chester White Sows and Gilts And 10 October Boars For ready sale. Prices low for quick sales. Order to-day. D. L. BUTTON, Route 9, Elmont, Shawnee Co., Kans.

THE CRESCENT HERD O.I.C. THE WORLD'S BEST SWINE. Boars for service. Gilts open or bred; bred sows for May farrow. We are booking orders for spring pigs grown on five ranches; can furnish them singly, pairs, trios or small herds. Catalogue free. W. and B. Rocks, W. and G. Wyandotte, B. Langshans, I. P. Ducks. Eggs for sale. Write to-day. JOHN W. ROAT & CO., Central City, Nebr.

TAMWORTH SWINE. REGISTERED Tamworth Hogs Parties who expect to buy Tamworth spring male pigs must do so within a few days. My supply will soon be gone. I have 30 fall sow pigs, and must sell soon so as not to carry so many over the winter. Write to C. W. Freelove, Clyde, Kansas.

HEREFORD CATTLE.

VERMILLION HEREFORD CO., VERMILLION, KANSAS. Boatman 56011 and Lord Albert 131557 head of herd Choice young stock of both sexes for sale. E. E. Woodman, Vermillion, Kansas

...HAZFORD PLACE HEREFORDS... The American Royal prize-winning bulls Proctool 2d 91715, Dale Duplicate 2d 134400, and Monarch 142149 at head of herd. A few young bulls and females for sale. Visitors always welcome. ROBT. H. HAZLETT, Eldorado, Kans.

THE W. L. BASS HEREFORDS

Douglass 66604 by Lamplighter 51834 and Bean Highland 179019 at head. Females strong in Lord Wilton blood. Young stock of both sexes for sale. 15 choice bulls coming 2 years at low prices. Visitors welcome. W. L. BASS, Eldorado, Kans.

PLEASANT HILL STOCK FARM Registered Hereford cattle. Major Beau Real 71821 at head of herd. Choice young bulls, also heifers by Lord Evergreen 95651 in calf to Orito 132356 for sale. Bronze turkey and Barred Plymouth Rock eggs for sale. JOSEPH CONDELL, Eldorado, Kans

STEELE BROS., BELVOIR, DOUGLAS CO., KANS., BREEDERS OF SELECT HEREFORD CATTLE

SCOTT & MARCH, BREEDERS OF HEREFORD CATTLE BELTON, MO. BULLS in Service. HESIOD 29th, Imp. RODERICK GILTEDGE—son of Dale and Expansion. A car-load of Heifers bred to our best bulls, and a car-load of choice Bulls, 18 to 24 months old at private treaty

HEREFORD CATTLE. Weston Stamp Herd REGISTERED... HEREFORD CATTLE Anxiety 4th females with Ambercromble 85007 at head. WM. ACKER, VERMILLION, KANSAS.

SOLDIER CREEK HERDS OF Herefords, Shorthorns, Polled Shorthorns Service Bulls—HEREFORDS—Columbus 17th 91384, Elvina's Archibald 76998, Jack Hayes 2d 110761, Jack Hayes 3d 124109. SHORTHORNS—Jubilee Stamp 125617, Orange Dudding 149489. POLLED—Scott's Emperor 133848, Ottawa Star 113109. Herds consist of 500 head of the various fashionable families. Can suit any buyer. Visitors welcome except Sundays. Address Joseph Pelton, Mgr., Belvidere, Kiowa Co., Kas

MEADOW BROOK SHORTHORNS—Ten fine young bulls for sale—all red. Red Laird, by Laird of Linwood, at head of herd. F. C. KINGSLEY, Dover, Shawnee County, Kansas. D. P. NORTON'S SHORTHORNS. DUNLAP, MORRIS CO., KANS. Breeder of Pure-bred SHORTHORN CATTLE. Herd bull, Imported British Lion 133667. Bull and heifer calves at \$50.

RIVERSIDE SHORTHORNS and POLAND-CHINAS Brave Knight, a choice son of Gallant Knight, a head of herd. A few extra good bulls by him for sale. WM. WALES, Obernse, Kans.

Plainville Shorthorn Herd. Headed by Strawberry Baron 149498 and Prince Lucifer 188885, a pure Cruickshank. Young stock for sale at all times. N. F. SHAW, Plainville, Rooks Co., Kan.

Valley Grove Shorthorns. Bulls, bred heifers, and cows with calves at foot sired by Lord Mayor 112737, Knight Valentine 187068 and Golden Day for sale. Heifers bred to Golden Day and calves at foot by each herd bull. T. P. BABST & SONS, Auburn, Kans. Telegraph Station, Valencia, Kans.

MT. PLEASANT SHORTHORNS Twenty females, from yearlings up, and nine young bulls sired by Acomb Duke 18th 142177, and Prince George 161300 for sale. Choice Young Mary, Galatea and Sanspareil foundation. Sale stock in good, vigorous breeding condition. Prices right. Visitors always welcome. A. M. ASHCRAFT, Route 3, Atchison, Kans.

FOR SALE A 4-year-old, 1850 pound Shorthorn Herd Bull. Clausman 152655, sired by Sir Knight, out of Flora McDonald. Will also sell Shorthorn cows, tracing direct to the following importations: Thistletop, Young Phyllis, Flora, Blossom, Music. Write for particulars to L. A. MEADE, Route 1, Carbondale, Kans.

...N. MANROSE... SHORTHORNS Rural Route 5, Ottawa, Kans. Gilts by Knight 171691, at head of herd. Young bulls ready for service, for sale.

Silver Creek Shorthorns The imported Missile bull, Aylesbury Duke 159763, and the Cruickshank bull, Lord Thistle 129960, in service. A few bred yearling heifers by Imp. Aylesbury Duke are now offered for sale. These heifers are in calf to my Cruickshank bull, Lord Thistle. J. F. Stodder, BURDEN COWLEY CO., KANS.

Pearl Shorthorn Herd. Baron Ury 2d 124970 and Sunflower's Boy 127337 Head the Herd. Can ship via Rock Island, Union Pacific, Santa Fe, or Missouri Pacific Railways. For Sale—Young bulls from 6 to 24 months of age. C. W. Taylor, Pearl, Dickinson Co., Kans.

Elder Lawn Herd Shorthorns T. K. TOMSON & SONS, Dover, Shawnee Co., Kas. Bulls in Service: GALLANT KNIGHT, 124469. D. R. 182524. For Sale—Serviceable Bulls and Bred Cows. Prices Reasonable and Quality Good; come and see us.

HEREFORD CATTLE.

Weston Stamp Herd REGISTERED... HEREFORD CATTLE Anxiety 4th females with Ambercromble 85007 at head. WM. ACKER, VERMILLION, KANSAS.

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Shorthorn Cattle. For immediate sale, 12 bulls ready for service and 12 bull calves. Also 20 cows and heifers, 1 to 7 years old. Give me a call, orAddress..... H. R. LITTLE, - - - Hope, Kan. s.

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D. Ballantyne, Herrington, Dickinson Co., Kans., breeder of Shorthorn cattle. Herd headed by Marshal Abbotsford 3d 185905. For sale, 9 young bulls sired by the Canadian-bred bull, Beauty's Heir.

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.

Rocky Hill Shorthorns.

FOR SALE

the red 4-year-old Cruickshank herd bull, Golden Crown 149188, his sire a finely bred Linwood Goldendrop, his dam a richly-bred Butterfly, sired by Lord Mayor 112727. Also 8 good young bulls, ready for service, having from one to four Scotch tops.

J. F. TRUE & SON, Perry, Kans. R., R. Station, Newman, Kans., 12 miles east of Topeka on U. P. railroad.

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For sale—7 Scotch-topped young bulls, 40 cows and heifers, all red; 10 Aberdeen-Angus heifers; Duroc and Poland-China swine and Shetland ponies. Can ship via Missouri Pacific or Santa Fe railroads.

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Victor of Wildwood 125054, a pure Cruickshank Orange Blossom in service. Females of highest Scotch quality. Mysc Hero 2d 188919 and other choice bulls and females for sale.

C. S. NEVIUS, Prop., Chiles, Miami Co., Ks. Write for our special price on yearling and 2-year old heifers. We change this ad. next week. Telephone at farm.

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Visitors always welcome. Long distance phone at farm.

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Maple Grove Shorthorns

Banker 129324 at Head of Herd.

I have 14 young bulls for sale. They are all pure bred, non registered. 20 cows and heifers for sale. Cows bred to my herd bull.

OSCAR DUEHN, Clements, - - - Kansas.

Sunflower Herd of....



SCOTH AND SCOTH TOPPED Shorthorn Cattle, Poland-China Swine.

Two Scotch bulls in service. Representative stock for sale. Address

ANDREW PRINGLE, Eskridge, Wabaunsee County, Kans.

GALLOWAY CATTLE.

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 always welcome.

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Avondale Galloways

Best range and mountain cattle in the world. Three of the six grand champion prizes in feeders' classes at the American Royal, and the International shows were won by Galloway steers. Headquarters in America for Galloway is Avondale. Eighty head recently imported from Scotland. Call or write for catalogue, just out.

O. H. SWIGART, Champaign, Ill.

C. N. MOODY, BREEDER OF

..Galloway Cattle..

ATLANTA, MISSOURI.



FEMALES of all ages for sale.

Will make special prices on car-load of Yearlings and car-load of 2-year-old Bulls.

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ABERDEEN-ANGUS CATTLE AND PERCHERON HORSES FOR SALE. All stock recorded. GARRET HURST, PECK, KANSAS.

Sutton's Doddies.

40 Angus Bulls for Sale.

Every one a good one and at farmers' prices. Elegant breeding and quality. The kind that top the sales and sire my champion steers.

Chas. E. Sutton, Russell, Kansas.

ALLEDALE HERD OF

Aberdeen - Angus Cattle.

The Oldest and Largest in the United States.

Splendid recently imported bulls at head of herd. Registered animals on hand for sale at reasonable prices at all times. Inspect herd at Allendale, near Iola and La Harpe; address Thos. J. Anderson Manager, Iola, Allen Co., Kans., R. R. 2, or—ANDERSON & FINDLAY, Proprietors, Lake Forest, Ill

THE SUNFLOWER HERD PURE-BRED

Angus Cattle

Herd headed by HALEM LAD 30645. Herd numbers 250 head, the largest herd bred by owner in America. Stock for sale Address

PARRISH & MILLER, Hudson, Stafford Co., Ka s

Jim Creek Herd

..Aberdeen-Angus Cattle..

Regnal Doon 32728 and Gardner Mine 32240 at head of herd. 100 head of splendid bulls, 11 to 23 months old, weighing up to 1200 pounds, for sale. Prime condition, non registered. Guaranteed breeders and a snap in prices. Address

C. H. BUTLER, Frankfort, Kansas

LIVE STOCK AUCTIONEERS.

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Thoroughly posted on pedigrees. Ten years' experience. Satisfaction guaranteed. Write or wire for prices and dates. Also dealer in horses and mules. Ind. Phone 25. Bell Phone 22.

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Well posted in pedigrees, quality and values. Am selling successfully for the best breeders in the United States. Terms reasonable. Write before fixing dates

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Special attention given to selling all kinds of pedigreed stock; also large sales of graded stock. Terms reasonable. Correspondence solicited. Mention Kansas Farmer.

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BROADWAY AND 41ST STREET, NEW YORK.

HANDY TO EVERYWHERE. EUROPEAN PLAN.

G. T. STOCKHAM, Formerly Manager Midland Hotel, Kansas City.

RED POLLED CATTLE.

ENGLISH RED POLLED CATTLE—Pure-bred Young Stock For Sale. Your orders solicited. Address L. K. HAZELTINE, DORCHESTER, GREEN CO., MO. Mention this paper when writing.

COBURN HERD OF RED POLLED CATTLE. Herd now numbers 115 head. Young bulls for sale. Geo. Greenmiller & Son, Route 1, Pomona, Kans.

RED POLLED CATTLE

FOR SALE CHEAP

The "peaches and cream" of 20 years' breeding of these surely dual purpose beauties. A. Z. Brown, Guilford, Wilson Co., Kans.

RED POLLED CATTLE

The best farmers' cow that lives. The oldest herd in Kansas. Always something for sale. D. F. Van Buskirk, Blue Mound, Kansas.

RED POLLED CATTLE AND

POLAND-CHINA SWINE

Best of breeding. Write, or come and see

CHAS. MORRISON, R. F. D. 2, Phillipsburg, Kas

RED POLLED CATTLE

Of the choicest strains and good individuals. Young animals, either sex, for sale.

Also breeders of

PERCHERON HORSES AND PLYMOUTH ROCK CHICKENS

Address S. C. BARTLETT, R. F. D. No. 5, Wellington, Ka

POLLED DURHAM CATTLE.

RICHLAND POLLED-DURHAM HERD

of Double-Standard Bred Polls—All large, square-built animals of best beef type, with cows extra large; rich milkers; one bull 14 months old for sale. Write D. C. Van Nice, Richland, Kans.

HORSES AND MULES.

DEER PARK BREEDING STABLES

For Sale—Imported Black Percheron stallions of the very best quality. Also big Mammoth jacks, the kind who gets the big sugar mules. Can sell you a stallion or jack cheaper than any other man living. Call on or write J. L. Sappington, Centralia, Mo.

Registered Jacks

Jennets and trotting studs for sale; are very low now. If you want the best in the land at a low price, now is your chance. Come or write for prices on what you want. G. A. Fewell, Leeton, Johnson Co., Mo.

FOR SALE.

A few registered black French Draft or Percheron stallions, coming 3 years old, with plenty of bone and quality. All raised here on the farm.

I believe they are the best lot of colts in this State. No trade.

S. NOBLE KING, Bloomington, Ill.

GERMAN COACH AND PERCHERON STALLIONS

FOR SALE—A few extra choice stallions, either blacks or bays, from 3 to 6 years old; perfectly sound, good style and action, and prize-winners. Price \$850 to \$1500 each. Terms easy, but no trade.

POLAND-CHINAS of the Perfection strain. Finer individuals and nicely marked. Boars ready for service, \$18 each. Glits from \$8 to \$18 each. Write for what you want.

ROOTS & KIMZEY,

Tamaroa, Illinois.

On the Illinois Central R. R., 70 miles east of St. Louis and 80 miles north of Cairo.

Cheyenne Valley Stock Farm.



F. H. Schrepel, Ellinwood, Kans.

Breeder of

PERCHERON HORSES and

POLAND-CHINA HOGS

For Sale—Fifteen young stallions and a few mares. Inspection and correspondence invited.

VARICOCELE

A Safe, Painless, Permanent Cure GUARANTEED. 30 years' experience. No money accepted until patient is well. CONSULTATION and valuable BOOK Free, by mail or at office. DR. C. M. COE, 916 Walnut St., Kansas City, Mo.

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It Is Women Who Need Most Relief From Little Irritating Pains and Aches.

Dr. Miles' Anti-Pain Pills are for women.

Woman's delicate nervous organism tingles to the least jarring influence, and some ache or pain is the result.

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They act most marvelously on woman's nervous organism, and relieve and cure the pains to which she is a martyr.

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above or under ground or water against rot and decay for at least three times its natural life time by using Carbolineum Preservative. A disinfecting fluid, walnut color, applied with brush. Shipped freight prepaid.

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Rate one fare plus \$3 for the round trip. Limit for return 21 days.

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Big Black Mammoth Jacks and Jennets

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We guarantee to show more bone, size and quality than any other firm in the United States. Samson, (Percheron 27233 and French Draft 8896) at head of stud. His present weight is 2,464 pounds. We can suit any man who wants first-class, up-to-date, stallions or mares.
Local and long distance phones.

PINE RIDGE STOCK FARM,

L. M. HARTLEY, Salem, Iowa.

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Largest Importers in America of the German Coach, Percheron and Belgian Stallions. Our last importation of 100 head arrived July 10, making three importations in 1903. We have won more prizes in 1902 and 1903 than all others combined. We have won every championship prize in coaches and drafters shown for.

Notwithstanding the fact that we have the prize-winners of America, we will sell as low as others that have inferior quality. We keep on hand a large number at our branch at Sedalia, Mo., and can suit any Western buyer there. We give a gilt edge guarantee on every horse that we sell and make terms to suit the buyer.

Western Branch, Sedalia, Mo.

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The Greatest Importing and Breeding
Establishment in the World.



In 1903 we imported more First Prize Winners than all others combined. At the Iowa and Minnesota State Fairs and the International our Percherons won 19 First Prizes and Every Championship. The largest winning of any other exhibitor was four firsts, in two of which classes we did not exhibit. Our winnings on Belgians and French Coachers were far in excess of those of any other exhibitor.

Greatest Collection Ever Got Together Now on Hand!
PERCHERONS, FRENCH COACHERS, BELGIANS

Although our horses are better our prices are lower than can be obtained elsewhere in America. If stallion is needed in your locality write us Send for Catalogue E

DUNHAM, FLETCHER & COLEMAN, Wayne, Du Page Co., Ill

AMERICA'S LEADING HORSE IMPORTERS

A Record of Superiority Never Approached.



At the International Live Stock Exposition 1903, one of our 2,200 pound stallions won first prize and championship. One of our sensational acting Coach stallions won first prize and championship. Four Percherons won first in collection. Our stallions entered into competition ten times and five times won first prize; none of our competitors in all these contests won more than one first prize.

At the American Royal, 1903, our Percheron stallions won every first prize. One of our Percherons won championship. Five of our Percheron won first as best collection. Our French Coach stallions were equally successful, winning every first prize.

At the Iowa State Fair our Percheron stallions won three first prizes and first in collections.

At the Minnesota State Fair our French Coach stallions won every possible prize and grand sweepstakes. At the Ohio State Fair our Percherons won three first prizes. Our French Coachers won every possible prize. At the Indiana State Fair our Percheron and French Coach stallions won every possible prize. At the Kansas State Fair our Percheron and French Coach stallions won every possible prize, including grand sweepstakes. Our last importation and the fourth for us in 1903, arrived in Columbus, Tuesday, Dec. 8. During the year we have imported from France four times as many Percheron and French Coach stallions as have been brought over by any body else. Ours are the very best, we import more of them, sell more of them and therefore can furnish our customers a better horse for the money than can be bought elsewhere.
If your neighborhood is in need of a good stallion, let us hear from you.

McLAUGHLIN BROTHERS,

St. Paul, Minn. Columbus, Ohio. Kansas City, Mo.

HORSES.

IAMS' STUD

Hello! Mr. Stallion Buyer! "Get next to Iams." He has his competitors and buyers on the run. They are all headed for Iams' barns. His "Swell Black Boys" please all horsemen. Iams' stallions are sure "peaches and cream." Iams hypnotizes his many buyers with "sensational" stallions at "live and let live prices." Owing to bad crops in France, Iams bought his horses at ruinously low prices for spot cash. If you will visit Iams and pay cash or give a bankable note, you will sure buy a stallion, as Iams sells them and all must positively be sold. Iams stallions won the sweepstakes and first prizes in their classes at Nebraska 1903 State Fair. (Had a walk-away). Then Iams kept out of show-ring in largest and choicest two-, three- and four-year-olds. Showed none of his special train of 100 stallions received August 23, 1903. They are all in the pink of condition. He has Gold Medal winners from France, Belgium, and Germany at 50 cents on the dollar. They are all

HERD HEADERS.

Visitors and buyers through his barn and say: Hello! I'm Ely from Mo. Say, Iams has the best horse-show I ever saw. Yes see those four 2000-lb. two-year olds. Iams is a hot advertiser, but he has horses better than he advertises. Hello Mr. I'm from Ia. Say, this is the best string of stallions I ever saw. They are sure peaches and cream. See those six 2200-lb. three-year-olds—all alike, too. Zeke, they are sure "the wide-as-a-wagon" sort. "Mother, look, this is Iams' great show of horses. His horses are all black and big ton fellows. He always has the best. Samantha here is Iams' show herd. Everybody wants to see his horses. We came from California to see Iams' 5100-lb. pair of stallions. That's them; better than the pictures. They are the greatest pair in the U. S. Yes, and worth going 2,000 miles to see. Hello Louie, here is Iams' 2400-lb. three-year-old, a "topnotcher" at \$1,200—much better than twenty of my neighbors gave \$4,000 for. Kitty, see these fine coachers of Iams'. George, dear, they are lovely; they can look into the second story window. They step high, like "wairwinds". Yes, Kitty, Iams has more registered draft and coach stallions than any man in the U. S., and all good ones. George, dear, buy your next stallion of Iams. His horses are much better than the one you paid those Ohio men \$4,000 for, and Iams only asks \$1,000 and \$1,500 for "toppers." Iams has reserved for spring trade

117--BLACK PERCHERONS, BELGIANS AND COACHERS--117

90 per cent blacks; 50 per cent ton horses—Iams speaks the languages, buys direct from breeders, pays no buyer, salesman, or interpreters. Has no three to ten men as partners to share profits with. His twenty-two years successful business makes him a safe man to do business with. Iams guarantees to sell you a better stallion at \$1,000 and \$1,400 than are being sold to stock companies for \$2,500 to \$4,000 by slick salesmen, or pay your fare and \$25 per day for trouble to see them, you the judge. Iams pays horses' freight and buyers' fare, gives 60 per cent breeding guarantee. Write for eye opener and finest catalog, on earth. References: St. Paul State Bank, First State Bank, and Citizens National Bank.

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COACH HORSES

Have had twenty years' experience in the importing of horses in Iowa and Illinois. Now permanently located at the Denver Union Stock Yards, where we are always prepared to show the finest specimens of the breeds we import. Every animal selected by us personally, for his breeding and individual merit. Our Royal Belgian Stallions are the best that can be found and our Oldenburg Stallions are genuine, all from that German Duchy, so long famous for its Coach horses. We buy Coachers in no other part of Germany. Correspondence solicited. Visitors always welcome.

Oldenburg Stallion-LANDESSOHN

SPRINGER & STUBBS, Union Stock Yards, DENVER, COLO.

SHIRES! SHIRES!

HEFNER HAS

10 Shire and Hackney Horses



On hand of last year's importation
which he will sell on the following terms

One-half cash or bankable paper due in one year, with interest. Other half due when horse has earned it. You settle for one-half the horse only; the other half must run until the horse earns it. Just the terms you want. I mean to dispose of these horses at once to make room for October importation and I know the wide-awake buyers will be promptly on hand, as these horses are sure to suit. They are heavy-boned, massive, shapely horses, with two good ends and a good middle. Best of feet and action. These are 1,800- to 1,950-pound horses, each and every one fully guaranteed a sure foal-getter. Remember, you take no possible chances when you deal with Hefner. My terms should convince you that my horses are certainly right in every particular. I know they will suit you. These are 30 per cent better than "Top-Notchers," and just the sort "peddlers" are selling at \$5,000 to stock companies. Form your own stock company and come buy one of these grand Shires for your own use. I know my horses are the genuine, honest, reliable sort and cannot fail to please you and give the most satisfactory results; hence these unheard of terms. Write for information. Do so immediately, as these horses will soon go on these terms and prices.

O. O. HEFNER, Nebraska City, Nebraska.

THE LINCOLN IMPORTING HORSE COMPANY,

A. L. SULLIVAN, Mgr., Lincoln, Neb.



BIG DISCOUNT SALE—20, 25, 30 PER CENT OFF.

40 Imported Draft and Coach Stallions still in our barns—40. They must and shall sell by the 25th day of April. Give us the cost and you may have all the profit. Come quick, come fast and get first choice. They are good, clean, all-around, young, imported stallions; ages from 3 to 5 years old; all heavy weights. Percherons, French Draft, English Shire, Belgian and German Coach.

The Grandest Lot of Stallions in all the West.

Local agencies and complete repair stocks everywhere

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Can You Imagine A More Delightful Holiday

than a trip to California and back, visiting Colorado en route?

The expense is not great—not nearly so great as you think it is. Twice, during the coming summer, the Rock Island System offers extraordinarily low rates to the Pacific Coast—April 23 to May 1, and again August 15 to September 10. The round-trip rate from Kansas points will be \$45.00.

Think the matter over, then write for pamphlets giving full information. They're free. If you have any idea of ever seeing the wonders of the West, that idea will crystallize into action when you have read our literature.

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One Way: \$25.00. Tickets on sale during March and April.

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Diverse Routes. If desired the round-trip tickets will be issued going and returning via different routes. Liberal stop-over privileges accorded.

The Way to Go

Personally conducted excursions three times a week. Fast trains, irreproachable meal service. Your chance to visit California economically and comfortably, and under pleasant conditions. Free descriptive literature and full particulars by applying to



All the Way

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ONE-WAY RATES

To Many Points in the State of

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To Many Points in

Oregon and Washington

Every Day until April 30, 1904.

The Union Pacific will sell One-Way Colonist Tickets at the following rates from Topeka, Kans.

\$25.00 to San Francisco, Los Angeles, San Diego, and many other California points.

\$20.00 to Odgen and Salt Lake City.

\$20.00 to Butte, Anaconda and Helena.

\$22.50 to Spokane and Wenatchee, Wash.

\$25.00 to Everett, Fairhaven, Whatcom, Vancouver and Astoria.

\$25.00 to Portland, Astoria, or to Tacoma and Seattle.

\$25.00 to Ashland, Roseburg Eugene, Albany and Salem, via Portland.

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J. C. FULTON, Depot Agent.

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15 HEAD AT SPECIAL PRICES CONSISTING OF

Five Percherons, 2 to 5 years old—all black but one, and that a black-grey; two black yearling Percherons; four Shires, 8 to 7 years old; three trotting-bred horses, 3- and 4-year-olds; one registered saddle stallion. All but two at prices from \$200 to \$1,000 each. Come a once for bargains.

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HYDROCELE, VARICOCELE, PILES, FISTULA and CANCER cured for life with one painless treatment. No knife, no detension from business. Ten thousand cured; patients' names on application. Cures guaranteed. Illustrated books on any of the above diseases free to the afflicted.

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PUBLIC SALE

125 Registered Herefords

At Scott & March's Sale Pavillon, Belton, Mo., Wednesday and Thursday, April 6-7.



This annual offering comprises 75 HEIFERS and 50 BULLS, ranging in ages from 12 to 30 months old. The Herefords are all of our own breeding, and are the BEST LOT OF CATTLE WE HAVE OFFERED AT PUBLIC AUCTION. Sale will begin at 1 o'clock p. m., Wednesday, April 6. Ample accommodations for all visitors.

Parties buying as many as 15 head, or car-lots, will have the freight paid by us to single destination, to any point in the U. S. For catalogue or further information address

SCOTT & MARCH, Belton, Missouri.

AUCTIONEERS—Cols. Edmonson, Jones and Burger.

Fieldstone Farm Shorthorns

DISPERSION SALE

OF THE ENTIRE HERD,



Consisting of Young Marys, White Roses, Rose of Sharons, Lady Elizabeths, and other good families,

At Your Own Price

20 COWS AND HEIFERS

AND

7 YOUNG BULLS

Including the Scotch Herd-bull,
FLORA'S CHIEF 166588.

Emporia, Kans., Thurs., Apr. 14, 1904

1.30 p. m., at Searcy & O'Connor's Barn.

The cattle will be on exhibition several days before the sale.

Sale under cover and everything goes.

Terms cash or bankable paper at 6 per cent.

All females old enough are bred to Flora's Chief or have calves by him.

Write for catalogue to

J. S. WATSON,

EMPORIA, - - - KANSAS

..... THE T. F. B. SOTHAM TESTIMONIAL.....

CATTLE SALE

Chillicothe Citizens' Committee Will Sell at Frank Platter's Sale Stables, by auction, at CHILLICOTHE, MO.,

TUESDAY, APRIL 19 (10 a. m.)

SHORTHORNS—25 bulls, 60 females—Consisting of all the best cattle in the celebrated herd of the late JOHN MORRIS, of Chillicothe, Mo., to be dispersed by his Administrator without reserve. The great Scotch show and breeding bull, Golden Sympathy, with Scotch, Scotch Topped and Bates females, heretofore priceless, are included, to which is added strictly choice consignments from the Tebo Lawn Herd (E. B. Mitchell, Mgr.), formerly owned by Col. G. M. Casey, Clinton, Mo.; S. J. Miller, Chillicothe, Mo.; R. V. McGuire, Chillicothe, Mo., and others. The greatest opportunity of the year for Shorthorn buyers. Catalogue (ready April 1st) gives full particulars.

WEDNESDAY AND THURSDAY, APRIL 20 and 21 (10 a. m. each day)

HEREFORDS—70 bulls, 60 females—Consigned by the well-known breeders, W. W. Gray, Fayette, Mo.; F. A. Nave, Attica, Ind.; D. B. Rogers, Brookfield, Mo.; J. S. Lancaster & Sons, Liberty, Mo.; Martin Liebig, Muscatine, Iowa; H. Brown, Utica, Mo.; H. F. Lamb, Cairo, Mo.; George E. Ricker, Ashland, Neb.; Makin Bros., Lee's Summit, Mo.; G. W. Way & Son, New Sharon, Iowa; Wm. Tibbles, Perry, Mo.; Geo. E. Ess, Clark, Mo.; Jos. Lavelock, Stet, Mo.; N. E. Mosher & Son, Salisbury, Mo.; and O. Harris, Harris, Mo. Unquestionably the best collection of Herefords offered this year. More sons and daughters of Printer (best son of Beau Brummel) than ever appeared in one sale. The great show cow Galaeta, sold in 1902 for \$1,650, and others by Corroctor; two sons of Improver, nine of the get of Good Sign; also animals got by Fulfiler Goldbox, Pretorian, Capital, Stanley, Prince Hesiod, Columbus, Broxweed, Shadeland Dean, King Solomon, Chesterfield, Earl of Shadeland 41st, Imported Viscount Rupert, Ancient Briton, Sir Comewell, Imported Kenswick Brisk, Expansion, Excellent, Imported Admiral, Imported Freedom, Lord Improver, Climax, March On 13th, March On 14th, etc. Imported cattle, home-bred cattle, all the great bloods and good sires represented. Catalogue ready March 30. Send for large framing picture of the great "Printer."

THURSDAY, APRIL 21 (Following close of Hereford Sale)

GALLOWAYS—20 bulls, 11 females—Including 10 head from the best breeders in Scotland (a first prize bull at the Royal Agricultural Show of England) imported by the president of the American Galloway Breeders' Association, Mr. O. H. Swigart, of Champaign, Ill. These are select cattle, from the best and largest importation of recent years, to which Mr. Paul Byrd, of Chillicothe, Mo., has added 21 head from his old established herd. The best blood of the breed is offered to breeders and choice bulls for farmers and ranchmen. No better chance to buy the best shaggy-coated, hardy Galloways ever offered. Catalogue ready March 30.

FRIDAY, APRIL 22 (10 a. m.)

FEEDING CATTLE—700 steers, 300 females—Including Missouri-bred Hereford, Shorthorn and Black Polled Steers and Heifers for feeding. Choice Missouri high grade cows and heifers, in calf to pure-bred bulls. Range-bred steers ready to make a profit on grass, and altogether the place of all places to buy something good for the feed lot or pasture at your own price. Special descriptive circular will be ready April 10th; in the meantime all inquiries will be promptly answered by letter.

EACH SALE SEPARATE—SEPARATE CATALOGUES. In writing, state which catalogue you want. Neighbors can save freight by shipping together. Never has more representative lots of these breeds been offered. We do not expect big prices, conditions do not warrant them. Such valuable stock, however, should find buyers at current figures. A clearance will be effected on stock receiving a bid. It will be the buyers' inning.

Mr. T. F. B. Sotham Will Personally Conduct These Sales.

Which were organized by the Chillicothe Citizens' Committee, as an opportunity for American Stockmen to express their appreciation of Mr. Sotham's life work for American cattle. We hope all lovers of good cattle will attend this sale. Come and help rekindle Mr. Sotham's energy and enthusiasm for his chosen business. This will be his first appearance in the sale ring since his recent financial troubles.

For Catalogues, Picture of Printer, or any other information, Address

FRANK PLATTER, Secretary,

H. H. Carpenter, President.
G. G. Henry, Treasurer.

Chillicothe, Mo.

WAIT For Our Big Dispersion Sale of SHORTHORNS, HORSES AND VEHICLES

Bismarck Grove, Kans., Friday and Saturday, Apr. 8-9.

63 Shorthorns—Our entire herd will be disposed of at public auction—Richly bred, Bates- and Scotch-bred Shorthorns—The practical, money-making, farmers' and breeders' kind. In excellent condition. Fifteen strong, useful, serviceable young bulls, of good colors and good condition—40 cows and heifers—the big, deep-bodied, broad-backed, easy-keeping kind, most of them due to calve soon. Eight suckling calves to sell with dams. Bred well enough and good enough individually for any company.

180 Farm and Draft Horses—Good ages, thoroughly broken to harness, fat and ready for market. Farmers and shippers will find just the right kind here.

Vehicles and Implements—Our entire stock of horse show and livery vehicles—over 90—including tallyhos, phaetons, runabouts, spiders, Frazer carts, broughams, victorias, extension top carriages, surreys, speed wagons, breaks, traps—some of them costing up to \$1,800. Harness to match all of them. Here is an opportunity for the liveryman or any one wanting a swell outfit. All in good condition—just as good as new. Farm implements of all kinds—a big lot of them—from a traction engine to a grubbing hoe.

Shetland Ponies and Mules—A few head of each in nice condition. Buy a pony for the little ones.

Sale at Bismarck Grove barns adjoining Lawrence, Kans., 40 miles west of Kansas City. Barbecue lunch served on grounds free. Reduced railroad rates east and west. Union Pacific trains stop at sale ground. Send at once for sale catalogue. Everybody invited.

Col. R. E. Edmonson, Auctioneer. **W. S. TOUGH'S SONS, Proprietors, Lawrence, Kans.**

CENTRAL MISSOURI SHORTHORN BREEDERS' ASSOCIATION FOURTH SEMI-ANNUAL SALE

To be held in a large tent at Miller's Park, Moberly, Mo., Thursday, April 7, 1904, at which time fifty head of richly bred cattle will be sold, twenty-eight head of which are an extra lot of young cows. Some of these will have calves at foot and will be bred back to good bulls. The balance that are old enough will be bred. Included in this offering are twenty-two head of bulls mostly yearlings and coming 2-year-olds, and a fine lot too are they. Anyone wishing to buy cattle at prices that will be in accordance with the quality should attend this sale.

This sale affords a great opportunity for the ranchman to buy a nice lot of young bulls and also young females. The offering is consigned from the herds of the following well-known breeders: Sam'l W. Roberts, Pleasant Green, Mo.; J. J. Litrell & Sons, Clark, Mo.; J. H. Cottingham, Clark, Mo.; Rad. Wirt, Clark, Mo.; E. S. Johnston, Atlanta, Mo.; Campbell & Bennett, Cairo, Mo.; J. C. Brown, Glasgow, Mo.; J. O. Hume, Glasgow, Mo.; C. W. Garhart, Salisbury, Mo.; John Burris and C. B. Long, Milan, Mo. Come and be with us, we will treat you right, and you are sure to be pleased with the cattle.

Auctioneers:—**COLS. R. L. HARRIMAN and JAS. W. SPARKS.**

For catalogues address E. H. Hurt, Secretary, Clifton Hill, Mo., mentioning the Kansas Farmer. Attention is called to a sale of fifty head of Scotch and Scotch-topped Shorthorns by

ISAAC A. NOVINGER & SONS, at Kirksville, Mo., April 6, 1904.

Parties desiring to do so can make railroad connections so as to attend both sales.

GREAT SALE OF Standard-Bred and Trotting-Bred Horses

50---HEAD TROTTING-BRED HORSES---50

20 head of mares and geldings 4 years old and over, high actors, high hookers, all good roadsters and some very speedy, including pair bay geldings, 16½ hands high, 6 years old, pair bay geldings 15½ hands, 5 years old, pair bays, 15 hands, 5 years old, well matched; 30 colts, fillies and brood mares.

At the Home of Dr. Cox 2:20, Son of Domineer 2:13½,

Lake Park Farm, Wed., Apr. 13, 1904

T. K. LISLE & CO.,

Col. R. L. Harriman, } Auc's.
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