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# KANSAS FARMER

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TOPEKA, KANSAS, MARCH 31, 1904.

Established 1863. \$1 a Year

## KANSAS FARMER.

Established in 1863.

Published every Thursday by the  
KANSAS FARMER CO., - - TOPEKA, KANSAS

E. B. COWGILL.....President  
J. B. McAFEE.....Vice President  
D. C. NELLIS.....Secretary and Treasurer

**SUBSCRIPTION PRICE: \$1.00 A YEAR**

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All advertising intended for the current week should reach this office not later than Monday.  
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116 West Sixth Ave., Topeka, Kans.

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### KANSAS DISGRACED.

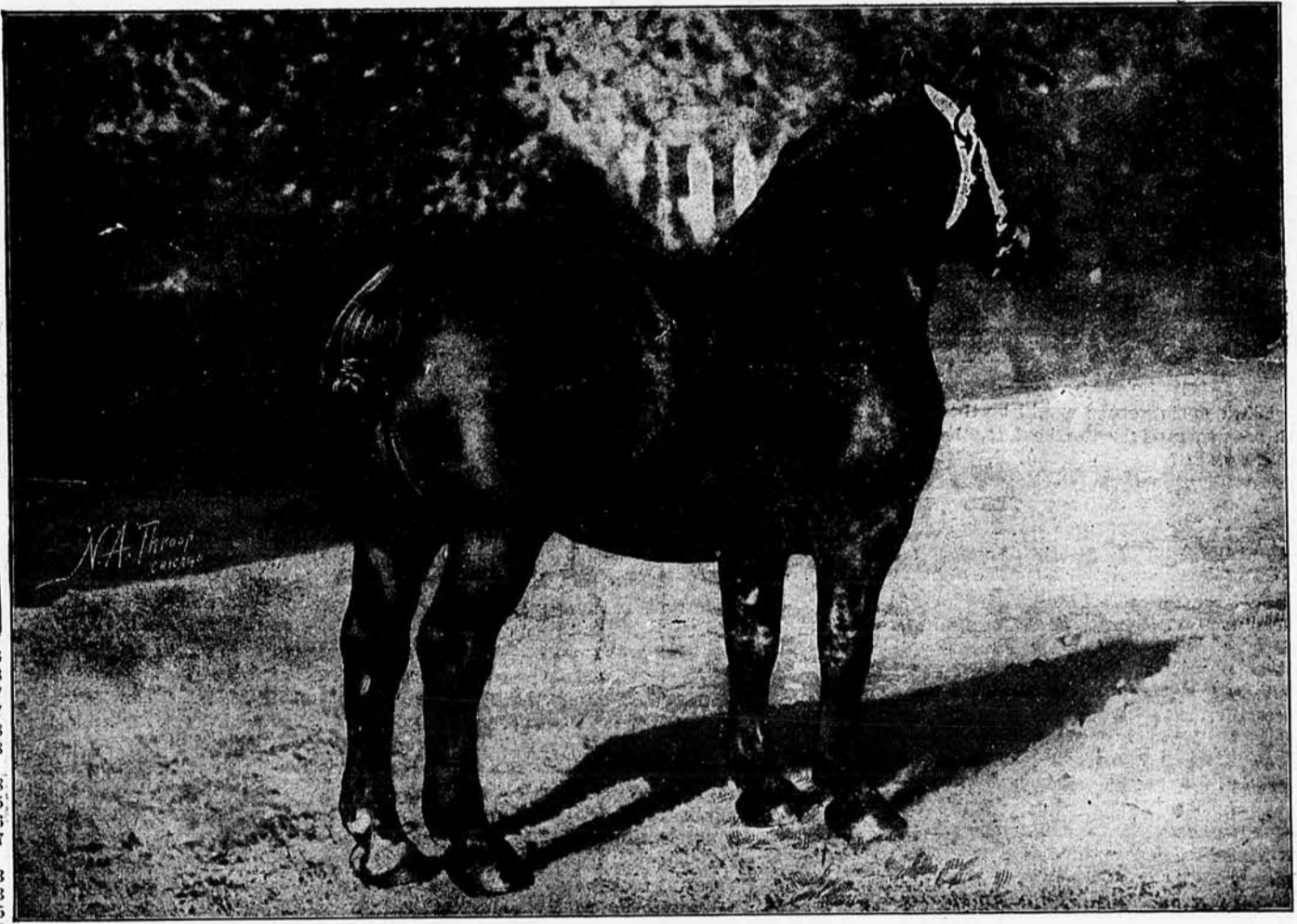
On last Monday, at St. Louis, the jury in the United States Court found Senator J. R. Burton, of Kansas, guilty of having been bribed to use his influence as a senator in favor of the Rialto Grain and Securities Company. His offense was committed in connection with the Postoffice Department. The conviction 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



IAMS' ROBERT (46266),

4-year-old Percheron, weight 1,910 pounds. The champion 3-year-old Percheron at Nebraska State Fair, 1903. He is one of the select four hundred, and a model of the good ones to be seen at Frank Iams' importing barns, St. Paul, Neb.

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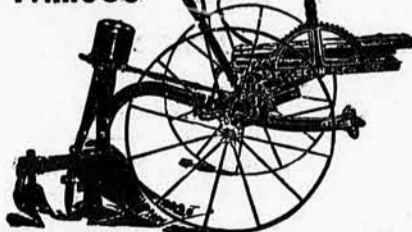
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emies, found in certain parasites which feed upon the eggs of the larvæ. Birds are helpful agents in destroying eggs and they should always be welcome guests in the orchards.

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.

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











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  
Recording Secretary.....Mrs. F. B. Hine, Kinsley  
Treasurer.....Mrs. J. T. Willard, Manhattan  
Auditor.....Mrs. D. W. Wilder, Hiawatha  
State Secretary for General Federation.....  
.....Mrs. C. C. Goddard, Leavenworth

#### Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1895).  
Give and Get Good Club, Berryton, Shawnee County (1902).  
Woman's Literary Club, Osborne, 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).  
Litterae 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-

# \$50,000.00 Cash Given Away TO USERS OF Lion Coffee

We are going to be more liberal than ever in 1904 to users of *Lion Coffee*. Not only will the Lion Heads, cut from the packages, be good, as heretofore, for the valuable premiums we have always given our customers, but

## In Addition to the Regular FREE Premiums

the same Lion Heads will entitle you to estimates in our \$50,000.00 *Grand Prize Contest*, which will make some of our patrons rich men and women. You can send as many estimates as desired. There will be

### 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

### Grand First Premium of \$5,000.00

to the one who is *nearest correct on both contests*, and thus your estimates have two opportunities of winning a big cash prize.

Five Lion Heads cut from Lion Coffee Packages and a 2c stamp entitle you (in addition to the regular free premiums) to one vote in either contest:



Printed blanks to vote on found in every Lion Coffee Package. The 2c Stamp covers the expense of our acknowledgment to you that your estimate is recorded.

#### 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 13,909,653 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

### 4279—PRIZES—4279

Distributed to the Public—aggregating \$45,000.00—in addition to which we shall give \$5,000.00 to Grocers' Clerks (see particulars in LION COFFEE cases) making a Grand Total of \$50,000.00.

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**LION COFFEE**  
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Local agencies and complete repair stocks everywhere

# MILWAUKEE HARVESTERS

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

## A Farm For You

ARE YOU SATISFIED AT HOME? Or do you wish to better yourself? You should investigate what the San Joaquin Valley of California has to offer hunters. In that great Valley is grown nine-tenths of the U. S. grain crop, and millions of gallons of wine are made yearly. You can profitably raise almost everything there. Good farms at cheap prices. Low-rate colonist excursions in March and April on the Santa Fe. Write for pamphlets to T. L. King, A. T. & S. F. Ry., Topeka, Kans.

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## Eureka Indestructible Fence Posts.

Cheaper than wood. Made by the Farmer wire. Great inducements to agents to work territory. State and county rights for sale. For information write B. F. STULTZ, 208 E. Crawford St., Elkhart, Ind.

### WRITE ME

For list of Missouri and Kansas farm lands or first-class Kansas City improved and vacant property either for a home or investment.  
J. T. ROBINSON, 405 Mass Bldg., Kansas City, Mo.

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.**

**T**HE 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

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.

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.

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**\$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.  
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 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.

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."

## 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.

## 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.

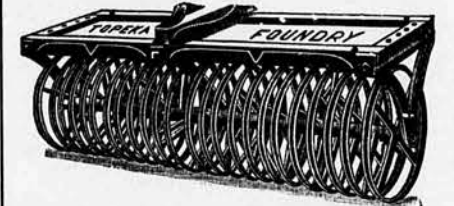
Homeseekers' Rates from Kansas City to North and South Dakota.

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

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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.



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UNEXCELLED SERVICE

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FRISCO SYSTEM

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AND THE SOUTHEAST, AND TO

Kansas, Oklahoma, Indian Territory, Texas

AND THE SOUTHWEST.

The Famous Health and Pleasure Resorts,

EUREKA SPRINGS AND HOT SPRINGS, ARKANSAS,

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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.

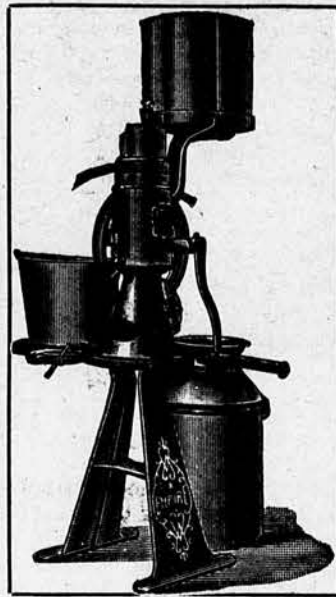
A. & P. Schmitz, of Alma, Kans., are two enterprising young breeders, who are just beginning their Hereford herd with a fine bull and cow, bought recently at Hereford sales, but for some years have been breeding a fine herd of registered Poland-China swine. They now offer for sale their 4-year-old herd-boar, 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  
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Ask for new illustrated pamphlets about the Santa Fe  
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## 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	236	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

# DE LAVAL

## CREAM SEPARATORS

Are in a class by themselves  
There being

**500,000 In Use**

Or Ten Times All Other  
Makes Combined

**First  
Always Best  
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Send for catalogue and name of  
nearest local agent.

# The De Laval Separator Co.

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Fairmont Creamery Co.,  
Fairmont, Neb.

Beatrice Creamery Co.,  
Lincoln, Neb.

A. J. Westfall,  
Sioux City, Iowa.

Waterloo Creamery Co.,  
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Kansas City, Mo.

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Abilene, Kans.

Hesston Creamery Co.,  
Newton, Kans.

W. G. Merritt,  
Great Bend, Kans.

Queen City Creamery Co.,  
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Carpenter & Shafer Mfg. Co.,  
Butler, Mo.

Frank Dunning,  
Bedford, Iowa.

Western Dairy Co.,  
St. Joseph, Mo.

# Sharples Tubular Separators

WILL you buy a separator because the agent is a "good fellow"? Some people do. We hope such will read this. The Tubular talks for itself and is bought for itself.

If You Have a Brand New Separator not a Tubular, put it in the garret.

We will sell you a Sharples Tubular, guaranteed to make enough more butter than the other from the same milk to pay 25 per cent yearly dividend on the whole cost of the machine. You test them side by side.

Pierpont Morgan is hunting a place to put money at 6 per cent; here is a guaranteed 25 per cent to you. While this dividend pays your bills the Tubular makes your life more pleasant by pleasing your wife. A waist low milk vat saves your back. Simple bowl—easy to wash—the only one that is so. Automatic oiling; the only one that has. Easier to turn than others and safer. Catalog A-165 explains better.

Sharples Co. Chicago, Illinois  
P. M. Sharples West Chester, Pa.



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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Don't be bamboozled into paying \$25.00 or \$50.00 extra just to hear a smooth agent talk. We sell direct

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and save you all agents' commissions and middlemen's profits. Try the Cleveland for 30 days on your own farm. If it is not the best separator, the easiest to run, the easiest to clean and the most simple, send it back at our expense. We get no money until you are satisfied. Different from all others. Separating device in one piece made of aluminum, as easily cleaned as a dinner plate. No set screws to adjust Ball bearings throughout. You turn the crank; it does the rest. Don't buy a separator until you read our free book and trial offer.

The Cleveland Cream Separator Co., 334 Hickox Bldg., Cleveland, O

### All The Cream

got with least labor in least time and with least bother washing up, is what the cow owner wants. The machine that meets the requirements is the

#### OMEGA Cream Separator

It's the simplest, therefore less likely to get out of fix. It turns with half the power of the others. It has only two parts to be cleaned. Sent on trial. Ask us to mail you our booklet, "Milk Returns." It interests those interested in separators.

THE OMEGA SEPARATOR CO.,  
23 Concord Street, Lansing, Mich.

P. F. Wulfschlaeger, Lincoln, Neb., Gen. Agt. for Neb. and Kan.

### Save the Cream

The waste all comes out of the profits. For close skimming, simplicity and durability, the

#### Reid Hand Separator

is very near perfection. Skims to within less than one-hundredth of one per cent. Costs from \$60 to \$100. Capacity 150 to 500 lbs. per hour. Catalogue of dairy supplies free.

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Philadelphia.

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Are absolutely safe. A child can play safely about or on one running at full speed. All other separators are different. You should inspect the Tubular. Ask us for a catalog about them.

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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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Ask any farmer who uses a Studebaker farm wagon and he will tell you that it has cost him less for repairs and has given him longer service than any other wagon he ever owned. The Studebakers are the largest vehicle manufacturers in the world; we get first pick of materials; have unusual facilities; our more than fifty years experience has shown us how to build the best vehicle on earth. These reasons have put

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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.

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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.

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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.

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### "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.  
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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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You know in advance what will come if the eggs are fertile when you use the self-regulating

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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.

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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

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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 Great Annual Show at France, held at Evreux, June 1903, our stallions won first, second, third and fourth prizes in every Percheron stallion class; also won first as best collection.

At the Show of the Societe Hippique Percheronne de France held at Nogent-le-Rotrou, June 1903, our stallions won every first prize, over forty prizes in all. Two groups were made up of our exhibit on which we won first and second. 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 stallions won fourteen first prizes out of a possible fifteen. At the Indiana State Fair our Percherons won three first prizes. Our French Coaches won every possible prize. At the Kansas State Fair our Percheron and French Coach stallions won every first 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.

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HORSES.

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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

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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 coaches of Iams'. George, dear, they are lovely; they can look into the second story window. They step high, like "whirlwinds". 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

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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 Fulfiller 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.  
Col. W. D. Ross, } **Butler, Missouri**

W. G. BISHOP, President.  
E. C. BISHOP, Vice-President.

E. C. BIGGER, Secretary.  
W. N. WATSON, Treasurer.

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