

KANSAS FARMER

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TOPEKA, KANSAS, JANUARY 21, 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. O. NELLIS.....Secretary and Treasurer

SUBSCRIPTION PRICE: \$1.00 A YEAR

E. B. COWGILL.....Editor
I. D. GRAHAM.....Associate Editor
H. A. HEATH.....Advertising Manager

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



ADVERTISING RATES.

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

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

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

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

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

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

All advertising intended for the current week should reach this office not later than Monday. Every advertiser will receive a copy of the paper free, during the publication of the advertisement.

Address all communications to

KANSAS FARMER CO.,

116 West Sixth Ave., Topeka, Kans.

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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 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 January, 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."

Russia is a great producer and consumer of rye. Her wheat crop for 1903 is estimated at 200,249,432 bushels, of 60 pounds each, while her rye crop is estimated at 892,229,000 bushels of 56 pounds each.

A bill has been introduced in Congress to prevent the adulteration of blue-grass, orchard-grass, and cloverseed. The practice of adulteration with cheaper seeds has become prevalent. It causes serious loss to users of these seeds. The bill should pass without opposition.

The rush of advertisers for space in the KANSAS FARMER has been heavy during the days immediately preceding the closing of the last forms. It was impossible to add to the size of the paper at the late hour when greater size became desirable. Hereafter we shall try to have reading matter duly proportioned to the advertising.

A careful English estimate of the world's wheat crops places that of 1903 above every other of the last ten years. The figures are, 3,258,688,000 for 1903; 3,175,280,000 for 1902; 2,783,784,000 for 1901; 2,663,440,000 for 1900; 2,627,116,000 for 1899; 2,928,616,000 for 1898; 2,291,160,000 for 1897; 2,387,456,000 for 1896; 2,442,624,000 for 1895; 2,630,840,000 for 1894.

Nineteen hundred and four is political year in Kansas. National, State, county and township tickets are to be nominated and elected or defeated. The outlook is for unusual activity and lively contests in the ranks of the dominant party in this State. It is important that every voter study the situation thoroughly and act promptly and in harmony with those of his party who desire good government. Be active in the caucus, in the primary, in all movements whereby nominations are influenced. Negligence of these matters is liable to be manifest at tax-paying time. It is sure to be reflected in the character of government. Don't be lazy about politics.

It is not often that a county attorney is selected from the farm. In Shawnee County this year the ablest candidate for this office, Mr. W. H. Cowles, lives

on the farm on which he was raised, west of Topeka. He is regular and prompt in attendance at his office, however. Mr. Cowles is a safe man, honest, well educated, learned in the law, careful of making expense, and is an adherent of the doctrine that laws were made to be observed and enforced and that it is the duty of officers of the law to enforce them. He should receive the support of every law-abiding member of his party and should receive the nomination. In this county nomination is practically equivalent to election.

THE SEED-CORN BREEDERS' ASSOCIATION.

The Kansas Seed-corn Breeders' Association held its third annual meeting at Representative Hall on Friday morning, January 15. The association has heretofore governed its action by the provisions of the constitution of the Illinois association. At this meeting it adopted a constitution of its own. The membership is limited to twenty. The directors are, J. W. Robison, Eldorado; John Powers, Marion; Guilford Dudley, Topeka; Edwin Taylor, Edwardsville; T. M. Potter, Peabody; and the Professor of Agriculture at the Agricultural College. The officers for the present year are: President, J. W. Robison; vice-president, Edwin Taylor; treasurer, Guilford Dudley; secretary, E. B. Cowgill.

It was determined to ask a place on future programs of the State Board of Agriculture for reports of the seed-corn breeders.

THE STATE BOARD OF AGRICULTURE.

The thirty-third annual meeting of the Kansas State Board of Agriculture was held at Representative Hall in the State Capitol last week. The three days' session was attended by full houses. Capt. J. H. Churchill, of Dodge, presided with dignity befitting the occasion, yet in a manner to infuse energy and enthusiasm in the proceedings. The papers and discussions covered a wide range, but no over-crowding of the program was attempted.

The proceedings will appear in subsequent numbers of the KANSAS FARMER.

Among the resolutions adopted, the following, presented by Mr. I. L. Diesem, of Garden City, is important:

Whereas, There has been set apart, for the purpose of developing irrigation, the funds received from the sale of government land within the various States and Territories, and

Whereas, Kansas is one of the States to be benefited by this fund, and

Whereas, The State Board of Agriculture of the State of Kansas recognizes the fact that the development of the under-flow in western Kansas will add materially to the prosperity and general welfare of the State; therefore, be it

Resolved, That the State Board of Agriculture of the State of Kansas recommend that the departments at Washington, having charge of the expenditures of these funds, take such immediate steps as may be necessary to employ the use of such funds in ascertaining the extent of and in the development of the under-flow in western Kansas.

The officers and the members whose terms expired with this meeting were all unanimously re-elected. The board is as follows:

J. H. Churchill, president, Dodge City; J. W. Robison, vice-president,

Eldorado; Edwin Snyder, treasurer, Oskaloosa; E. D. Coburn, secretary, Topeka. Members: W. J. Bailey, Governor, (ex officio), Topeka; J. R. Burrow, Secretary of State, (ex officio), Topeka; Geo. W. Glick, Atchison, Atchison County; Edwin Taylor, Edwardsville, Wyandotte County; Chas. E. Sutton, Russell, Russell County; Geo. W. Hanna, Clay Center, Clay County; J. T. Treadway, La Harpe, Allen County; W. R. Dowling, Norcatur, Decatur County; Thos. M. Potter, Peabody, Marion County; A. W. Smith, Groveland, McPherson County; I. L. Diesem, Garden City, Finney County; T. A. Hubbard, Rome, Sumner County.

The reelection of Secretary Coburn was especially enthusiastic. Every member arose to his feet. The fact that Mr. Coburn will for several months have to devote most of his labor to the Louisiana Purchase Exposition did not dispose the board to deprive the State of the services of the ablest secretary of agriculture in the world today.

THE KANSAS IMPROVED STOCK-BREEDERS' ASSOCIATION.

The fourteenth annual meeting of the Kansas Improved Stock-breeders' Association was held in Representative Hall at Topeka, beginning Monday, January 11, 1904. This meeting was by far the largest and most enthusiastic in the history of this association. It was characterized by a large attendance, the high quality of the papers presented and the typical Kansas enthusiasm which carries all before it. Beginning with a remarkable attendance for Monday, the interest and enthusiasm increased throughout the week leaving but one regret with the members and visitors, which was that longer time could not have been allowed for its sessions. President Charles E. Sutton resigns the mantle of his responsibilities to other young shoulders with the satisfaction of work well done. During his administration the association has grown both in numbers and in influence until it now enrolls about 1,000 members and is by far the largest and most influential society in the State of Kansas and the largest association of its kind in the United States. In Dr. O. O. Wolf of Ottawa, the association has a new president who is young in years, but who is an experienced breeder and the owner of one of the best known Shorthorn herds in the State. We congratulate the breeders on the happy selection made to fill the most important office in their gift.

To the unflagging energy and enthusiasm of Secretary H. A. Heath, much credit is due for the splendid program and the successful outcome of the meeting. Many compliments were received on the beautiful souvenir program which included all of the meetings of the week and was prepared for free distribution by the secretary.

Distinguished visitors from outside the State were present and presented papers to the edification and satisfaction of members and visitors. Among the papers of unusual interest were those presented by Professor Eugene Davenport, dean of Illinois

Continued on page 60.

State Horticultural Society

Papers Read at the Thirty-seventh Annual Meeting, Held at Topeka, December 29, 30, and 31, 1903.

(Continued from last week.)

The Kansas Horticultural Exhibit. W. F. SCHELL, COMMISSIONER, WICHITA.

When the executive board met to arrange the program for our annual meeting, it was suggested that I have something to say regarding the horticultural exhibit at the World's Fair, to be held at St. Louis next year. I consented to give a partial outline of the work we have so far accomplished.

At the beginning, will say that the appointment of commissioner should have been made early in the season, which would have enabled us to secure a full line of small fruits, together with cherries, early apples, peaches, apricots, and different varieties of plums, all of which could have been preserved and would have given us more of a general variety to start out with at the beginning of the fair.

The appointment was not made until August 5, and we could not procure, at so late a date, any of the fruits above-mentioned to speak of. This was a great disappointment to the commissioner, as well as to the members of the society that were interested in the success of the exhibit.

I wish first of all to thank G. L. Hol-

fruits in the Western States—and this a part of Kansas! Fortunately for us, many orchards in this section bore good crops of apples, and in the vicinity of Wichita we gathered principally all of the apples we have for the exhibit, and of this I will make mention later.

At a meeting of the board of trustees on August 13, it was decided to make Topeka headquarters for preserving what fruits we could gather. We gathered many specimens of peaches, grapes, pears, and a few plums. We wrote the members and others to send by express samples and, as before stated, we got but little.

The secretary was appointed to take charge of the work of preserving and did so, and, to be candid, we were not chemists. Naturally, in experimenting, we lost some good specimens by not having the proper formulas. Brother Holsinger proposed to me that we make a trip down the Kaw to gather information that would enable us to have better success. We did so, felt profited by the trip, and came back wiser. We made a second effort in the art of preserving and think we have been as successful as our sister State of Missouri, who has expended thousands in getting up her display. We feel that if we do not have as much in quantity as Missouri has we have it in quality.

We kept at it, gathering what we could find, until we have about three hundred jars of preserved fruits, consisting of pears, apples, plums,

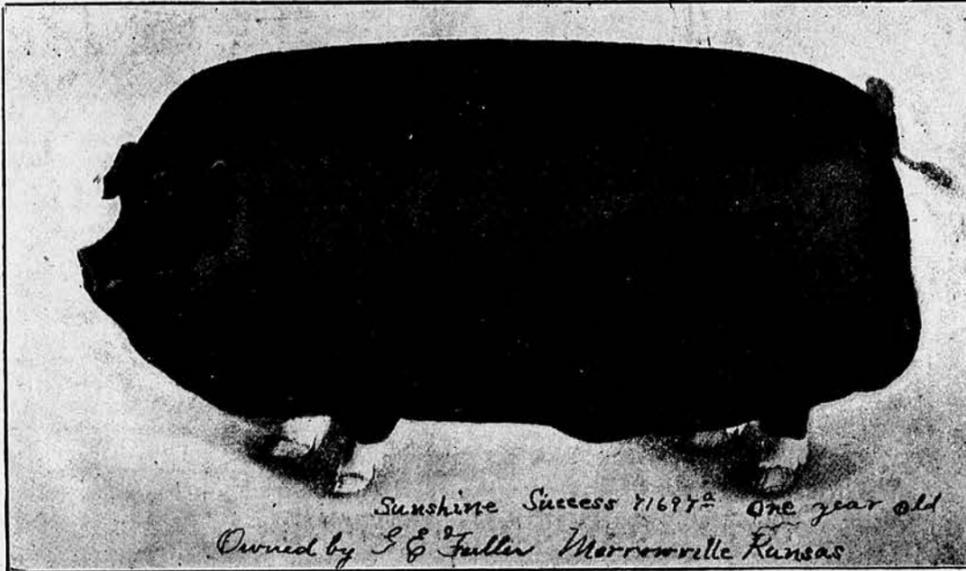
easily keep the space covered. The rules and regulations require that the space be covered throughout the entire season, or during seven months of the exposition.

We made every effort to get specimens over the State and failed almost on every hand. I was anxious to have the whole State or the different counties represented, but the replies all came to us: "I am sorry. I thought I could ship you a barrel or a box but concluded I did not have a single specimen in the whole orchard."

Let me say that out of this 550 bushels, 393 were gathered from the celebrated Thomas orchards at Wichita; with 26 bushels from the Kellar orchards, Arkansas City; 26 bushels from the Alter orchard, Belle Plain; 40 from the Mason orchard, Belle Plain; and 25 from the Cooley orchard, Wichita; with a few bushels from the Blair orchard, Mulvane, and Dixon orchard, Holton, with the balance scattered over the State. To pick, pack, sort, and wrap, first in tissue paper, then a second wrapping of paraffine paper, all handled with care, and for this year, when fruit was generally defective, to gather over a carload was indeed a tremendous job. Otherwise would be stating it mildly.

I am informed by the manager of the cold-storage plant at St. Louis that our fruit is keeping finely. We have yet much to do towards making a fine collection for fresh fruits for our display for the coming year.

In conclusion, we wish to thank our



Sunshine Success 71697 One year old Owned by J. E. Fuller Morrowville Kansas

Sire of much of the offering in Geo. E. Fuller's great Poland-China sale to be held at Washington, Kans., January 27, 1904.

singer for the able assistance he has given me, as he has devoted a good deal of time and energy in doing what has already been done towards making it a success, and hereafter when I mention "me" it includes Mr. Holsinger, as we have worked together.

Be it a success or a failure, you will all admit that this year has been a failure as a fruit-growing season, and we were met on all hands with the question: "Why, you will make a failure of the work; we have raised nothing; how can you make an exhibit? I am indeed sorry but I can not help you any, as much as I would like to. I did not raise even a show apple. I will help you out next year if we have a crop, and you can depend on me."

We were thankful even for this much encouragement for the coming year. But something must be done this year or we could not make a display on the opening day of the fair. Not by any means discouraged, we felt the responsibility, that Kansas was depending on us, backed by the State Horticultural Society; that a showing must be made that would place us alongside of our sister States, and give Kansas the representation that she is justly entitled to as a fruit-growing State.

We appealed to the members and others for help and to forward us specimens of fruit, but little came. We had a section of Kansas to look to which never failed, the great Arkansas Valley, which might be called "The Land of the Big Red Apple," and which produces all kinds of fruits to perfection that are called standard

quinces, grapes, crab-apples, and other fruits, together with a small variety of nuts and other minor varieties. We cordially invite the members and others to inspect the fruits preserved that they may judge for themselves as to looks and quality, and if, in your opinion, we have entirely failed in our efforts in making a partial display, as many thought we would, the year was almost a total failure. We did the best we could and should not be censured too much when nature fails to produce; of this we have no control.

The apples we have in cold storage at St. Louis consist of 550 bushels, which are of the leading varieties of Kansas—27 in all; and we have, principally, Winesap, Ben Davis, Gano, York Imperial, Jonathan, Grimes' Golden, and Mammouth Black Twig. Apples are grown for commercial purposes in the Arkansas Valley and for this reason but few sorts could be obtained. Other parts of the State have more kinds, and we hope next year to have a much better variety than we will have to start with on the opening day. I figure that with this number of bushels we can keep at least 1,200 feet covered throughout the year. With 300 apples to the barrel and 5 to the plate, one barrel will make 60 plates, and 20 barrels will cover 1,200 square feet of space. We will have enough to replenish about 10 times, and this should carry us through until we can obtain other fruits to fill our tables; and with the showing we can make with new fruits coming in next season, if a crop is raised, we can, I think,

honored and esteemed president for his many valuable suggestions and acts of kindness shown us in the progress of the work that we have accomplished to date. We also want to tender thanks to F. W. Dixon, of Holton, for his earnest work and efforts towards the success of this enterprise, to Geo. A. Blair, Mulvane, and to other members of the society. We ask and insist on the hearty cooperation of each member of the society to aid us during the coming year in gathering specimen fruits, to be expressed to St. Louis. The appropriation is small and we can not succeed without your help in making a successful display. In so doing, it will not only advertise Kansas but will benefit us individually as fruit-growers. We promise to make the best display possible, that we may return home with laurels won as making a creditable display and one which will place Kansas to the front as the greatest fruit-producing State of the Union.

The Kansas Horticultural Exhibit. G. L. HOLSINGER, ARGENTINE.

At a special meeting of the council called in Topeka last August to meet with Mr. Schell to devise plans for making an exhibit, the trustees of the society, together with Mr. Dixon and myself, were appointed as a collecting committee with instructions to send fruit to Topeka or to Mr. Schell. I have not heard how much the committee sent to Mr. Schell, but the only contribution from this committee to me was one basket of crab-apples.

A Wagon's Worth depends upon its convenience and life. The life depends upon the wheel. You get every convenience of the Modern Low Hand Wagon and double its life by using ELECTRIC Metal Wheels. For a few dollars you turn your old running gears or one you can buy for a song, into a new wagon. Straight or staggered oval steel spokes. The stoutest wheel you can buy. Any height, fit any wagon. No repairs, no rutting, light draft, long service. Let us send you free catalog to show you how it saves you money. Electric Wheel Company, Box 46 Quincy, Illinois.

STARK TREES best by Test—76 Years LABORER Nursery. FRUIT BOOK free. We PAY CASH WANT MORE SALESMEN. STARK BROS., Louisiana, Mo.; Huntsville, Ala.; Etc.

HEALTHY TREES Free from disease. Most in quality. Grafted Apples, 5/4c. Budded Peaches, 5c; Budded Cherries, 5c; good varieties. Concord Grapes, \$2 per 100. 1000 Ash \$1.50. B. and H. Locust, Rus. Mulberry, &c. Low price. We pay freight. Catalog free. Galbraith Nurseries, Box 22 Fairbury, Neb.

TREES OF ALL KINDS Save agents' commission of 40 per cent by ordering direct from us. FREIGHT PREPAID. Send for price-list. Address WICHITA NURSERY, Wichita, Kansas

TREES THAT GROW Hardy varieties that yield big crops. Grafted Apple 5/4c Budded Peach 5c; Concord Grapes 5c; Black Locust 5c; Big, \$1.50 per 1000. Send for GERMAN NURSERIES We Pay the Freight. English or German, Free. GAIL SONDREGER Box 9 Beatrice, Neb.

PEACH TREES Hardy, fruitful kinds. Honest values, 5c each. Apple trees, 5/4c. Concord grapes, \$2 per 1000. Russian Mulberry and Black Locust, \$1.40 per 1000. Rambler roses, 25c. \$10 orders prepaid. Catalog free. Gage County Nurseries Box 625, Beatrice, Neb.

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\$240 FOR LARGEST WATERMELONS After 40 years of experimenting and testing all notable varieties of watermelons, we now recommend, especially, "Tendersweet" for home use and "Emerald" for both home and market. We think they are the best obtainable. Seeds 10c a paper in silver. 24,000 papers. The purchaser who grows the largest melon of either variety will positively receive one tenth of our gross sales of seeds of that variety. Caution: Wrap your silver in a little paper, and write your name and P. O. Address plainly. LEE SEED CO., Burnt Corn, Ala.

GRAINS OF GOLD FREE TO FARMERS. Last spring, we introduced the new Golden West Corn, and it was at once recognized as so superior to all other varieties that we could not supply one-fourth the demand. The only variety of corn bred on true scientific principles, first the plant, then the scientific principles, finished every one who tried it by its vigorous growth and wonderful productiveness. Ears large, grain long, cob small color bright golden yellow. FREE We want you to see it and will send a small sample with a copy of our large 136 page illustrated catalog free if you mention its name. Our catalog is the most valuable book published for practical farmers. It will pay you to see it. IOWA SEED COMPANY, DES MOINES, IA.

GOOD SEEDS CHEAP BEST Ever Grown. None better and none so low in price, 1c per pkt. and up, postpaid. Finest illustrated catalogue ever printed sent FREE. Engravings of every variety. A great lot of extra pkgs. of seeds, worth, presented free with every order. Some sorts onions only 55c per lb. Other seed equally low. 40 years a seed grower and dealer and all customers satisfied. No old seeds. New, fresh and reliable every year. Write for big FREE catalogue. R. H. SHUMWAY, Rockford, Ill.

SEEDS WONDERFUL OFFER Two regular sized packets of choice Vegetable and one of beautiful Flower Seeds and one packet each of Bromus, Inermis, Spelts, Japanese Millet, Essex Rape, Toadflax, Penicillaria, Thousand Headed Kale, Vicia Villiosa, Soji Beans and Kamr Corn and illustrated catalogue manual, free. Also, all who answer this ad will receive A DUE BILL FOR 50c. worth of seeds to be selected from our catalog. All sent for 10 cents, (coin or stamps) to help pay postage and packing. Catalog Manual free. Write us. A. A. Berry Seed Co., Box 60, Clarinda, Ia.



"Grandfather Traded With Us"

One of the greatest joys of this great business is the many kind letters we receive daily from our customers, expressing their pleasure and satisfaction with our goods and methods. Often the most significant part of the letter is embodied in the few words: "My grandfather traded with you years ago." It is the complete confidence of our customers in our honesty, born of past experience in dealing here, that enables us to hold their continued trade.

One-time special "below cost offerings" to catch an occasional customer, and making up the loss on subsequent orders, would never build a business like ours. It is the constant saving and steady stream of pleasant business relations which makes our patrons eager to speak a good word for us at every opportunity.

Our prices are 15 to 50 per cent below regular retail figures.

32 years ago we occupied one room with two clerks and published a catalogue a quarter the size of a hymn-book.

We Want You to Try Us

and test for yourself our ability to please you. Tell us what kind of goods you are interested in and we will send you without charge any of the following illustrated special catalogues quoting wholesale prices. Merely mention the number or letter of the catalogue you want.

- | | | | |
|---|---|---|---|
| 100 Artists' Supplies | 170 Kitchen Supplies | 235 Stoves | R Fancy Grade Furniture |
| 105 Athletic Goods | 175 Laces, Embroideries, Ribbons, Trimmings | 240 Toys, Dolls and Games | T Trunks |
| 110 Blacksmiths' and Machinists' Tools | 180 Lamps and Lanterns | 245 Underwear | U Youths' and Boy's Clothing |
| 115 Builders' Hardware and Supplies | 185 Linoleums, Carpets and Curtains | 250 Vehicles | V Men's Made-to-order Clothing |
| 120 Carpenter and Builders' Tools and Materials | 190 Men's Hats and Gloves | 255 WagonMakers' Supplies | W with samples of fabrics. Suits \$10.50 to \$16.50 |
| 125 Crockery and Glassware | 195 Men's Shoes | 260 Watches and Clocks | V2 Same as V1 except suit prices \$15.00 to \$20.00 |
| 130 Cutlery | 200 Men's Wearing Apparel | 265 Women's Shoes | V3 Made-to-order Overcoats with samples |
| 135 Dry Goods | 205 Music and Musical Instruments | 300 Women's Catalogue (Cloaks, Furs, Suits, Skirts, Waists, Hats, etc.) | W Men's Ready-Made Clothing |
| 140 Fancy and Novelty Goods | 210 Notions | O Bicycles | Mackintosh Catalogue |
| 145 Farm Implements | 215 Saddles and Saddlery | D Dairy Supplies | Butterick Fashion Catalogue |
| 150 Fishing tackle | 220 Silverware | E Electrical Goods | GI Grocery List (published every 60 days). |
| 155 Popular-priced Furniture | 225 Sporting Goods | K Cameras and Photo Supplies | |
| 160 Harness | 230 Stationary and Office Supplies | M Books | |
| 165 Jewelry | | | |

Cut this slip out and send it TODAY

Enclosed find 15 cents for partial postage on Catalogue No. 72, four 2c stamps for Wall Hanger or 20c for both.

Name _____ (Be sure and write very plainly.)
 Postoffice _____
 Route No. _____ County _____ State _____

Our Big Catalogue

contains over 1100 pages and wholesale prices on Groceries, Dry Goods, Crockery, Hardware, Furniture, Harness, Implements, Vehicles, Clothing (all kinds for Men, Women and Children), Millinery, Musical Instruments, Sewing Machines, Bicycles, Sporting Goods—practically everything that anybody could want.

It also contains freight rates, full instructions for ordering, and tells you everything you might want to know about us.

Ordering is easy from this wonderful book, which costs us almost one dollar apiece to print and send out.

Send for it today and save the profit you pay your dealer. You can get your money back if your purchases are not satisfactory. Fill out this slip, enclosing 15 cents for partial postage as a guarantee of good faith.

Send four 2-cent stamps for our

10 Color Wall Hanger

showing the inside of this building, with the goods and the clerks at work. One of the most complex and complicated pieces of lithography ever attempted. Very interesting and attractive. You can get it for what it cost us—four 2c stamps.



Today, we occupy more than 200 times as much floor space, employ over 3000 people and our catalogue contains over 1100 large pages.

Montgomery Ward & Co.,

Michigan Ave., Madison & Washington Sts., Chicago

Complete satisfaction or money refunded without question.

Each of the other members replied that there was nothing in his district.

This is not intended as a criticism but to show that all the work of collecting has been done by Mr. Schell or by some one outside of the committee. A notice was placed in the KANSAS FARMER to the effect that fruit was being gathered for preserving and cold storage and that the commission desired choice specimens of all kinds of fruit. There were a few responses but a large proportion of the fruit was not carefully selected and packed and on reaching here could not be used, and the only thing we had to show for several shipments was an item of expense for express charges.

I wish again to say that I do not wish to convey the idea that I am "roasting" any one, but to lead up to this: That to make a showing next year at St. Louis it will be necessary for this committee and for the members of the State Society to make a plan of action well in advance of the time of ripening so that when that time comes, fruit may be collected and shipped to best advantage.

Until May 15 or 20, the exhibit will necessarily be of cold-storage fruits and preserved fruits. By that time, early berries should be coming in from the southern part of the State, and from that time until the fair closes we should have a large proportion of the exhibit of fresh fruit. With collectors in the different parts of the State there should not be any gaps, as strawberries, cherries, gooseberries, raspberries, blackberries, currants, peaches, plums, grapes, run one into the other and should keep a steady flow of choice fresh fruit to St. Louis, and will, if the collectors will do their part.

I feel satisfied that any one of twenty counties of our State will be able to furnish all the fruit that would be necessary to make a wonderful exhibit if properly worked, but the whole State will not make even a creditable showing if the other fellow has it all to do.

An outline that I suggest for small fruits would be to have several fruit districts provided for in different parts of the State, one man in each, who will be responsible for collecting fruit and for sending to train. In this manner the season of each fruit will be lengthened. For instance, from the time Excelsior or Johnson's Early ripens in Cherokee County, until Gandy and Hume are gone in Doniphan, will give us a long season. If collections of fruit are sent from centers where a large quantity is raised, such as Independence, Wichita, Lawrence, Holton, Kansas City, and Wathena, we would be able to make a display that would surprise any of us. This does not

mean that those not living at these places should not sent fruit, for we expect large quantities from other places, but that we would expect some one at these places to look out for his own fruit as well as the rest of the fruit in his locality. The collector at these places should make a list of the different varieties that are grown in his neighborhood and when the time comes he will know where to go for his varieties. For instance, around Kansas City on our side of the line, we can get fifty or more varieties of strawberries, eight or more of black raspberries, as many of red raspberries, a half-dozen of gooseberries, seven or eight of currants, and ten of blackberries, with many of cherries, plums, peaches, etc.

One very important item to look out for in advance will be the best train to ship by. Look up time-tables and see which train will get through quickest and endeavor to pick the fruit so that you can send by that train; always bearing in mind that the fruit should get to St. Louis early in the morning, so that it can go on exhibition that day. Ship so that it need not change cars, if possible, when there are two or three lines to choose from, even if it should be a little longer in transit. Most of the roads running into St. Louis have trains that arrive there early in the morning. By sending on such trains, fruit can go on exhibition there at the same time that we get it to market.

In picking fruit for St. Louis, the best picker should be consigned to this work and should go over the patch or field ahead of the others. In picking strawberries, each berry should be wrapped separately and laid in the box, carefully placed so that all will be close enough so that they can not move, but not tight enough to mash or bruise. Pint boxes should be used, but if not obtainable, place a layer of cotton in the bottom of the box, a layer between each layer of berries, and more on top of the box. Crates should be marked so that expressmen may know what each contains. The fruit should be picked green enough to be firm, even if it is still inclined to be white on tip. Mr. Schell will arrange to get paper so that it can be issued when call is made for it.

If the strawberry rows are thick with plants, better berries will be grown if the row is thinned in the spring, and when the fruit stems come up, thin these out and pick off flowers on the stems so that only two or three are left.

Use pint boxes also for raspberries, blackberries, and cherries, carefully selecting and packing, and as in straw-

berries, send picker ahead of the others to select the finest. Do not pick anything over-ripe.

It is quite likely that when the time comes we will find that changes will be necessary in the manner of packing or kind of package, but this seems at present to be the most advisable manner to gather and pack.

For peaches and plums, the same general instructions will apply. Plums must of course be hand-gathered, all stung and knotty fruit discarded, the selected ones placed in quart boxes and all tender kinds wrapped individually, and cotton should be placed in the bottom and on top to prevent bruising.

Peaches must always be wrapped with tissue and parchment or some heavier paper and packed in boxes of moderate size. Pack closely or much will be bruised. In no case use the market basket for shipping, as lifting and setting down will certainly bruise the fruit even if well packed.

In order to obtain the best fruit of all varieties if we have a full crop, it will be necessary to thin the trees or vines from which selection is to be made, so that the fruit may develop.

At the time of writing this, the peach, as well as all other varieties of fruit, is in fine condition, but the peach-trees have set so many buds that if one-third should produce fruit, it must be small. It would not require a considerable amount of time to thin a few trees of different varieties.

During the past season a large part of the shipments of peaches sent in were picked so ripe that they had started to decay before reaching Topeka.

Currants and gooseberries as well as other fruits should be thinned so that they will not have to ripen much fruit. Currants should be packed in pints but gooseberries may be packed in quarts.

I hope that an extra effort will be made to get a large collection of grapes. We can raise excellent grapes in the State and we can find a large number of varieties. By a little extra effort I believe the grape show will be magnificent. Try pruning a few vines shorter or closer than for market. When the blooming season is over, select best bunches on vines so trimmed and remove those that do not appear to good advantage. Place paper sacks over remaining bunches when grapes are as large as small shot. The grapes will ripen more evenly and will not be bothered by birds and insects and on the whole it will pay for the extra labor.

In picking, remove the sack, carefully place the bunch in a new sack, pack

in a tight box and fill between bunches with sawdust or fine excelsior. After grapes have been sacked in the spring, keep vines summer-pruned, not enough, however, to leave grapes unprotected. If soil is thin, put on well-rotted manure. Pick before over-ripe, so that bunches will reach St. Louis without shattering the berries.

We will want, in addition to the boxes of fruit, sprigs or clusters of different kinds, not only of tree-fruits but small fruits as well. When a cluster of strawberries, with several ripe berries are to be found, if of large size, take the whole cluster even if a green berry or two remain on the stem. Treat raspberries the same way. Wrap the whole bunch in cotton and lay so that berries will not whip off. A large bunch of ripe cherries will look exceptionally nice, and so will plums and peaches.

So far, I have said nothing about apples and pears, but it is to be hoped that from the time Early Harvest is of a fair size until the fair closes we will have a steady flow of summer and fall varieties. By selecting perfect specimens and wrapping with tissue and wax paper and packing closely in boxes, these will reach St. Louis in good condition if they are picked before they are too ripe.

It will be a struggle to find as many varieties as we were able to get twenty years ago, as orchardists who at that time planted many trees for testing, now plant only three to five varieties, and many of the large orchards may have only a single variety. But we can still secure a large variety if the different members will only be on the alert and not let varieties that we can secure get away from us.

Currant- and Gooseberry-culture.

J. F. CECIL, NORTH TOPEKA.

The culture of currants and gooseberries is attended with very little encouragement and less remuneration in my neighborhood, more from congenial climate and soil than improper methods.

The partially successful attempts that I have any knowledge of have been on cool, heavy soils, heavy black or gumbo soils, with good drainage. Currants and gooseberries will represent a stagnant moisture as certainly as other fruits, though not so quickly as some.

Probably a northern exposure is best, but the character of the soil is of the greatest importance.

Plants set two to three feet apart in row five feet apart, will in most instances give ample room for future operations. The habit of early bud-

ding in these fruits requires fall-, winter-, or very early spring-planting to insure the best results. Cultivate thoroughly in the early part of the growing season. If a cover crop is desired I would recommend cow-peas, planted in drills as late as July 1 to 15; if in a young plantation, the seed can be put in hills in the rows. The cow-peas will make a vigorous growth in hot and dry seasons and furnish some shelter from the sun's rays, and will store up some plant-food in the soil for the future.

I prefer to prune in early spring, cutting away all dead and superfluous wood. The hardness of the plants makes winter protection unnecessary in our State. In varieties of currants, I have grown the Fay's Prolific, Cherry Versailles, Red Dutch, White Dutch, and White Grape, and the Red Dutch were the most satisfactory.

Among the gooseberries, I have found the Houghton to produce more fruit than any other variety, and probably it will meet the requirements of most planters; also, it is much less subject to mildew. So far, I have not encountered any insects or fungous diseases other than the mildew on the gooseberry and for this have used the Bordeaux mixture, which was only partially effective.

Experimental Grape Culture.

A. L. ENTSMINGER, SILVER LAKE.

After testing nearly all of the new grapes offered, I am not certain that I have found any new varieties that will take the place of the three old well-tested varieties which I grow for the main crop, viz., Concord, Worden, and Moore's Early. The Concord I have grown for thirty-eight years in Shawnee County, the Worden and Moore's Early ever since their introduction, and have found them the best varieties for my soil and location, rich, well-drained Kaw River bottom. I have produced many seedlings, but with slight exceptions they have all been found wanting in some respect. I have reproduced the Concord many times, the Worden twice, and Moore's Early once. The latter is somewhat earlier I think, has a larger bunch, and somewhat less gloss but will very readily pass for Moore's Early. The two Worden seedlings are so near identical with the parent that I did not give them further attention, but still have them fruiting. As to the Concord seedlings, I have one that has a large bunch and berry, is sufficiently productive and perfectly hardy, but does not ripen and dissolve the pulp to my satisfaction. Although I have allowed it to overbear, it is fully three weeks later than the Concord, and has a very compact bunch and fine appearance. I will give it further trial. As for medium new varieties, Guiverna still stays with me and probably will remain. It is perfectly hardy, bunch and berry large as Worden, the bunch as solid to the touch as an ear of corn; is very late—three weeks later than Concord; is sweet and good quality; is still underestimated. Chidester's Seedling is still retained and is one of the best of grapes, about the size of Concord, color and season of Catawba. Little McPike still proves to be inferior to Concord and I can not recommend it; I have seen it fruiting with others with no better results. Campbell's Early still proves tender and inferior to Moore's Early. St. Louis is a black grape, bunch and berry large as Worden; has fruited four seasons; is of good flavor and promising. Hicks is much the same but not so heavy-shouldered; is hardy and a good grower and promises to take the place of the Concord.

The Stark Star grape is a new and underestimated variety; it is being propagated for dissemination. In the spring of 1902, I contracted with Stark Bros., of Louisiana, Mo., to graft and propagate this variety for them, subject to their order. I grafted 300 vines which did well; but in June a severe hail-storm killed all but about 60. They showed fruit the first season and I knew at once that I had seen the fruit before. It belongs to the Aestivialis class and is a seedling of the Catawba and Norton's Virginia; is about the

size and color of the Catawba; bunch is very large. I have seen them that weighed 1½ pounds, and one three-year-old vine this season had, I think, 63 bunches which hung on the vine in fair condition until October 21. I have several new varieties for next spring's planting but know nothing of them as they are only for testing on restriction.

Commercial Grape Culture.

G. F. ESPENLAUB, ROSEDALE.

The products of vineyards the past season have been variable. The freeze of May 1 destroyed almost the entire crop on low lands, and in some localities it reached pretty well up on the hillsides; but the highest grounds were saved and bore a heavy crop of exceptionally fine bunches which ripened very evenly. Prices held high and made it profitable to those who were so fortunate as to have good crops. One of the strange freaks of the freeze may be noted, that while the crop was destroyed on some tolerably high elevations, there were some vineyards on much lower ground that bore an extra heavy crop. In regard to commercial varieties I have nothing new to report. The Moore's Early is still the best early grape, the Campbell's Early pressing it very closely as a successful rival; the latter has the advantage of being a much stronger grower and a heavy cropper; in quality there is not much difference. The Concord is still in the lead for the best mid-season grape, of the blacks. Moore's Diamond and Niagara may be planted for best white and Woodruff for best late red. I have fruited Stark's Star the past season; it seems hardy, a free grower and abundant bearer of large-shouldered, compact bunches; berry medium in size, firm and meaty, and it seems to be a good keeper. Should there be a demand for a late grape this may fill the want.

Shade-trees.

DR. G. BOHRER, LYONS.

While the matter of shade-tree culture in Kansas has not been entirely overlooked, it has been attended with quite as much indifference as regards the real object that we should hope to accomplish in shade-tree planting and culture as has attended any other branch of horticultural industry engaged in within the State. It has been too much of a custom among the masses of our people to regard shade furnished by trees planted for this special purpose as a luxury instead of a most important sanitary measure and one that should receive careful attention about the home, the park, the sidewalks in all our cities and villages as well as along the public highways of the State.

To prove the correctness of these statements, it is only necessary for us to give this subject a moment of candid thought and pass the mind's eye along the sidewalks of many of our villages and cities, through our parks and lawns, about our private residences, and along the public highway, and, last but not least, about the grounds of our country schoolhouses, where probably 75 per cent of our girls and boys begin and finish their entire educational studies. Inexcusable neglect is everywhere apparent, and a feeling of sadness and despondency must overtake us if we reflect that from these places of learning must go, from generation to generation, the young women and men who are to become the custodians of all that has been won upon American soil in behalf of human rights and moral and religious liberty. These should go forth and take their places upon the watch-towers of this great country, trained under the most refined, attractive, and cheerful influences at our command. Our common school grounds, instead of being shaded by beautiful trees and ornamented with fragrant flowers, shrubs, and plants, are in ninety cases out of every hundred the most neglected, unsightly, the most cheerless and uninviting places in the entire school district. Both pupils and parents are now becoming discontented with these surroundings, which could very easily be remedied by the exercise of taste, energy, and more systematic regulations governing school grounds, houses,

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and furniture. Instead of the concentration of our common schools, with larger and better buildings, with more attractive and desirable surroundings, the tendency is at present along educational lines for the masses. What the final outcome will be is as yet problematic, but it is to be hoped that better and more cheerful conditions are soon to follow, though as matters have been and are I see no immediate means of giving our rising generations the opportunity that existing emergencies demand. If our Government, which is meant to be of, by, and for the people, is long to exist in strict harmony with the meaning of these terms it must be lifted above every threatening danger from the lack of intelligence, refinement, and love of strict justice, fostered among the masses.

Let us glance at the great change that could very easily and cheaply be made in the appearance of our State by setting shade-trees along the public highways that cross over the now treeless prairies. They would not only prove to be a hygienic measure for man, but beneficial also to our domestic animals. The State is 400 miles long, and 200 miles wide. If one row of trees be set along each of the 200 section lines the entire length of the State, it would give us a row of trees 80,000 miles long. And suppose we call each section line a public highway and plant a row of trees on each side of the same, it will give us a row of trees 160,000 miles long. But as all these section lines are not likely ever to be used as public roads, let us say that one-half of them will be thus used and we still have 80,000 miles. But, says one, these trees will become a source of injury by shading crops and will also become a source of danger to human life and domestic animals; all of which I am free to admit as true in case trees of giant habit are selected, for in Rice County now we have cottonwood trees that positively endanger the lives of both man and beast when high winds prevail. But suppose we select trees of dwarf habit, such as the Russian mulberry, Osage orange, or box elder, the two former of which are quite hardy in nearly if not every part of the State, and the latter is hardy on bottom lands where the distance to water is not far beneath the earth's surface; each furnishes fair shade. But it will be argued by some, they will cut off and prevent a free circulation of air along our public roads. This is also true if the trees are set in hedge-fashion, but if set eight to twelve feet apart they will not prove a hindrance to a desirable circulation of air, but instead, the leaves being kept in motion by each gentle breeze, will render the air more grateful and cooling, as their motion will facilitate the descent of carbonic acid gas which will always be replaced by oxygen.

This is not all the benefit to be derived from trees thus set; they will modify or lessen the speed of winds; as they will offer a partial obstruction and thereby retard evaporation; thus the rainfall will be of greater benefit than at present, being retained in the soil longer. They will prove to be a still further source of benefit. To illustrate: I have two miles of Osage orange hedge that I keep cut back to a height of about four feet, excepting that at every eight or ten feet I let one tree grow up until sufficiently large to make a good fence-post; this I cut and let another grow up. By this method of management I get from 150 to 300 posts every year beside several cords of excellent fuel. Just across the road from my farm a neighbor has a hedge which he keeps cut back to about two or three feet in height and leaves no trees for posts, thus getting nothing from his hedge, while I get quite a profit above what it costs to keep my hedge trimmed as described. Russian mulberry trees when set out close together in the row, hedge-fashion, can be managed in a similar way, and will furnish an unlimited amount of food for birds and poultry, as they are fond of the berries which the mulberry seldom fails to bear each season. Bushels of them are consumed on my farm every year. They also furnish quite an amount of fuel, which, when seasoned, is of excellent quality. But, says some one, we can not get

the people to set them out and care for them, which is true in too many cases; but we must bear in mind the fact that we also fail in numerous instances to induce intemperate men to reform and live sober lives. At the same time, many men are, through moral suasion (our strongest reformatory influence) lead to practice sobriety; and there are many farmers and others who will do as is recommended in this paper when they learn what to plant. It is this class that I am addressing this paper to, and I have the names of trees that will succeed if cultivated. Other trees might and will be named, but I can not call to mind any of dwarf habit that I would feel warranted in recommending as being sufficiently hardy to grow widely over the State. On lands not directly adjoining the highway, cottonwood for rapid growth on low lands has succeeded not only as a medium shade-tree, but has furnished an immense amount of timber, fuel and building material. In fact, it has been the constant companion of the advance guard of civilization and pioneer settlement. The soft maple affords a harder quality of timber than the cottonwood but is not, in my judgment, as hardy a tree as the cottonwood, especially on uplands where water is far beneath the surface.

Black walnut has been quite extensively planted on bottom lands and along ravines and is, under fair cultivation, affording shade, shelter and valuable timber; but is scarcely to be recommended as a roadside tree, as it is of large habit. Hackberry and coffee-bean are both fairly hardy on most of our lands in both the eastern and central rain-belts. As to how they will succeed in the extreme western part of the State is not, as yet, well determined. Black and honey locuts trees have been recommended and planted to some extent, but I think are not as a rule giving good satisfaction as regards hardiness and desirable growth. Evergreens have been quite extensively planted, but have not given good satisfaction either as to hardiness or as shade-producers, excepting the red cedar, which seems to be hardy wherever planted and cared for. It is not a first-class shade-tree except for the poultry yard, where it can be utilized to advantage. Set them from twelve to fourteen feet apart each way, until a space of fifty feet square has been covered. When twelve feet high, head them back to cause their tops to spread. Chickens delight to roost in them, and it does not seem to injure the trees. I have a cedar-tree that poultry have roosted in for twelve years, and while the limbs are perfectly smooth the health of the tree is not perceptibly injured.

I have called attention to the cedar as a shade-tree for the use of poultry because the hen is proving herself a factor in the financial prosperity of the State; her labor is not only a most effectual antidote to that dreaded ailment known as the mortgage, but is also about to distinguish herself as a mortgage-lifter, for which reason she should be provided for in the best possible manner for the preservation of her health and comfort. Now let us call attention to a tree that bids fair to outrank all the trees yet named or that I can call to mind as shade-trees about the home, park, school ground, church yards, or along the walks and borders of cemeteries. I refer to the common red elm, which, so far as fairly tested, has proved itself adapted to any sort of land, whether bottom or high prairie in any part of the State. True, it will grow with greater rapidity on bottom land near a stream of water than upon our high prairies, distant from water courses; but to my certain knowledge it will succeed fairly well on high land if watered and cultivated for two or three years; after which it will stand drouth fully as well, if not better, than either the Russian mulberry or Osage orange. It seldom, if ever, sun-scalds; it grows with a spreading head, and as a rule with a dense foliage. It is not as easily broken or wrecked by severe winstorms as most other trees, and when its foliage drops in the fall the leaves roll up and are mostly blown away by

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YOU SIR can clear \$5.00 to \$9.00 PER DAY selling IDEAL PUMP EQUALIZERS. They make hardest working pumps, work easy. Windmills run in slightest wind. FIT ALL PUMPS. Merits sell them. FULLY WARRANTED. Exclusive territory. Write PUMP EQUALIZER CO., Dept. 6, Waco, Texas.

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Page Fence lasts so much longer, and gives so much better satisfaction, is: it's a better fence. PAGE WOVEN WIRE FENCE CO., Adrian, Michigan.

\$10.00 Sweep Feed Grinder. \$14.00 Galvanized Steel Wind Mill.
We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list. GURRIE WIND MILL CO., Topeka, Kansas.

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No gearing, no friction. Thousands in use. 4-horse mill grinds 40 to 60 bushels per hour; 8-horse mill grinds 80 to 100 bushels per hour. We make full line of FEED MILLS, best sold, including famous Iowa Grinder No. 2 for \$12.50. Send for Catalogue. Made and sold by IOWA GRINDER & STEAMER WORKS, WATERLOO, IOWA.

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PORTABLE and drill any depth, by steam or horse power. 42 DIFFERENT STYLES. We challenge competition. Send for Free Illustrated Catalogue No. 33. KELLY & TANEYHILL CO., 33 Chestnut St., Waterloo, Iowa.

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The Greatest Pumping Wheel On Earth. Specially designed for Irrigators and Ranchmen. Hardened self oiling, ball and roller bearings; governs automatically. Patented long-pump stroke. Also installers of a compressed air water system for hotels and private houses, giving country homes city water service. Write for circular. AMERICAN WIND ENGINE COMPANY, Topeka, Kans. Mention Kansas Farmer.

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A farmer knows what it takes to make a good fence. This Ideal Hog Fence was invented on a farm by a farmer to supply his needs. Your needs are no different. It's Just the Thing for Hogs, and so very good for large stock that everybody wants it. Stay and line wires are inter-twisted. You Can't Slip Them. It costs so little because sold direct to you. Catalog free. FARMERS FENCE CO. Box 20, Melvern, Kans.

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(Sold with or without elevator.) Crush ear corn (with or without shucks) and grind all kinds of small grain, and head kaffir. Use Conical Shape Grinders. Different from all others. LIGHTEST RUNNING. Handy to Operate. 7 Sizes—2 to 25 h.p. One size for wind-wheel use. Also make Sweep Grinders; Geared and Plain. G. N. P. BOWSHER CO., South Bend, Ind.

Go Below for pure water. Use the National Well Drilling Machine, equipped with automatic well pumping device. For drilling for water, oil, gas or mineral. All sizes for all depths. Address National Drill & Mfg. Co. DEPT. K Pullman Bldg. Chicago. 17' inch. When writing advertisers, please mention this paper.

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

The Stock Interest.

THOROUGHBRED STOCK SALES.

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

- January 27, 1904—Poland-Chinas at Morrowville, Kans.; Geo. E. Fuller.
- January 27, 1904—David Delair, Manhattan, Shorthorns and Poland-Chinas.
- January 29, 1904—J. S. Goodrich, Goodrich, Kans., Galloways.
- February 1, 1904—Poland-Chinas, Thompson Bros., Marysville, Kans.
- February 2, 1904—Poland-Chinas at Waldo, Kans.; F. A. Dawley.
- February 2 to 5, 1904—Percherons, Shorthorns, Herefords, and Poland-Chinas, at Wichita, Kans.; J. C. Robinson, Towanda, Kans., Manager.
- February 2, 1904—Duroc-Jersey swine at Humboldt, Neb. Wm. Brandow, Manager.
- February 2 and 3, 1904—Benton Gabbert and others, Herefords, at Kansas City, Mo.
- February 3, 1904—Jno. O. Hunt, Maryville, Kans., Duroc-Jersey sows.
- February 3, 1904—Swine-breeders combination sale, Washington, Kans., Poland-Chinas.
- February 4, 1904—C. E. Pratt, Frankfort, Kans., Duroc-Jersey sows.
- February 5, 1904—J. B. Davis Fairview Kans. Duroc-Jersey sows.
- February 10, 1904—Shorthorn combination sale, Ottawa, Kans.
- February 11, 1904—Poland-China breeders' combination sale, Ottawa, Kans.
- Feb. 15, 1904—E. E. Axline, Oak Grove, Mo., Poland-China brood-sow sale.
- February 16-17, 1904—W. H. Cottingham & Sons, McPherson, Poland-Chinas, Shorthorns and Percheron horses.
- February 17, 1904—Combination sale of Angus cattle at Kansas City, Berry Lucas, Manager, Hamilton, Mo.
- February 18, 1904—Standard-bred road horses by S. S. Spangler, Milan, Mo.
- February 23, 1904—Duroc-Jerseys, A. F. Johnson, Osceola, Neb.
- February 23 and 24, 1904—Hereford Breeders' combination sale, Kansas City.
- February 24, 1904—Duroc-Jerseys, E. J. Brown, Osceola, Neb.
- February 25, 1904—Duroc-Jerseys, Nels. Holm, Osceola, Neb.
- February 25, 1904—Kirkpatrick & Bollin, Leavenworth, Poland-Chinas.
- February 25, 1904—Duroc-Jerseys, C. G. Johnson, Osceola, Neb.
- March 1, 1904—L. M. Monsees & Sons, Smithton Mo., Jacks, saddle and roadster horses.
- March 3-4, 1904—Combination Hereford and Shorthorn sale at Caldwell, Kans., Chas. M. Johnson, Sec.
- March 5, 1904—F. M. Gifford, Manhattan, Kans., Shorthorns.
- March 9, 1904—Herefords at Ottawa, Kans., James A. Funkhouser and Wm. Ackley.
- March 23-24, 1904—Combination Hereford sale at Kansas City, Benton Gabbert, Dearborn, Mo., and others.
- April 6 and 7, 1904—Scott & March, Belton, Mo., Herefords.
- April 7, 1904—Central Missouri Shorthorn Breeders' Association, Moberly, Mo., E. H. Hurt, Sec.
- April 8, 1904—Breeders combination sale at Macon, Mo., Herefords. S. L. Brock, Secretary.

Coming Events.

- Will secretaries, or those having the management of coming events, oblige the Kansas Farmer by sending dates?
- Kansas Mid-winter Exposition, Topeka, January 19-31, 1904.
- State Dairy Association, January 26-28. Secretary, T. A. Borman.
- Ohio Poland-China Company, Dayton, Ohio, January 27. Carl Freigan, Secretary.
- Farmers' Institute, Randolph, January 20.
- J. J. Weisendanger, Secretary.
- Central Shorthorn Breeders' Association, St. Joseph, Mo., February 2 and 3. Secretary, B. O. Cowan.
- Farmers' Institute, Gardner, February 4, 5. F. W. Dave, Secretary.
- Farmers' Institute, Rome, Feb. 4, 5, D. M. Adams, secretary.
- Farmers' Institute, Bellville, Feb. 10, 11. C. F. Daggett, secretary.
- Farmers' Institute, Hanover, Feb. 12. James Pontius, secretary.
- Farmers' Institute, Holton, Feb. 17, 18. J. H. Miller, secretary.
- Farmers' Institute, Waverly, Feb. 19, 20. J. M. Christie, secretary.
- Farmers' Institute, Arkansas City, Feb. 24, 25. C. M. Baird, secretary.

The C. W. Hurt Horse Sale.

The great horse sale of Percherons, held by C. W. Hurt, Arrowsmith, Ill., last week, proved very satisfactory. Horsemen from twenty-five different States were present and the bidding was brisk. The top of the stallion sale was brought by Boswell, a stylish, black, well-trimmed, 2-year-old, who sold for \$1,235. The top of the mare sale was brought by the 9-year-old gray mare, Modesty P who sold for \$745.00. The average is as follows: Twenty-four mares brought \$9,400, average \$391.67; seven stallions brought \$4,675, average \$667.86. Thirty-one head brought \$14,075, average \$454.13. The entire offering weighed 51,205 pounds, and sold for 274 cents per pound.

- The following is a complete list of the horses sold and their purchasers:
- MARES.**
- Modesty P., gray, 9 years old—William Johnston, Proctor, Ill. \$745
 - Buzetta, black, 2 years old—D. Augustine, Carlock. 700
 - Colly P., black, 8 years old—William Johnston, Proctor. 600
 - Charetta, black 6 years old—Elmer Boulware, Lexington. 590
 - Leota, black, 2 year old—J. W. Bryant, Elgin, Minn. 435

- Lenore, black, 1 year old—D. Augustine. 415
- Pet, black, 5 years old—J. W. Bryant, 410
- Pendora, dapple gray, 8 years old—Jack Schipley, Tennessee, Ill. 325
- Ida P., black, 8 years old—Charles Anold, Colfax, Ill. 375
- Tilla, black, 2 years old—J. W. Bryant, 395
- Bernice, black, 3 years old—Ed Hodgson, El Paso, Ill. 370
- Frances, black, 1 year old—M. Hoover, Washington. 355
- Barbotte, black, 4 years old—Henry Miller, Huntington, Ill. 335
- Charmante, black, 4 years old—J. W. Porter, Pontiac, Ill. 330
- Luciel, black, 4 years old—J. T. Stone, Mason City, Ill. 325
- Cadille, black, 6 years old—W. T. Phillips, Heyworth, Ill. 320
- Jane, brown, 11 years old—W. B. Witham, McLean. 320
- Mate, black gray, 1 year old—Elmer Boulware. 300
- Myra, black gray, 1 year old—Elmer Boulware. 300
- Minerva, black gray, 1 year old—Elmer Boulware. 300
- Lady Lehman, dapple gray, 9 years old—Mike Sheehan, Ludlow, Ill. 275
- Mable, dark gray, 1 year old—Addison Ritchie, Arrowsmith. 275
- Maud, dark bay, 1 year old—Addison Ritchie. 275
- Velvet, black, 9 months old—Ira Orendorf, Wapella. 255

STALLIONS.

- Bushwell, black, 3 years old—W. R. Perville, Heyworth. 1,235
 - Delavan, black, 2 years old—Thomas Scott, Gibson City. 275
 - Tremont, black gray, 4 years old—P. J. O'Malle, Farmer City. 715
 - Marabeau, black, 5 years old—M. S. Long, Cherubasco, Ind. 600
 - Laclede, black, 1 year old—Yoder Bros., LeRoy, Ill. 500
 - Voltaire, gray, 2 years old—Thomas Scott. 475
 - Rutabaga, Jr., black gray, 4 years old—Oolphus Mear, Ashton, Ill. 425
- The 24 mares sold for \$9,400, an average of \$391.67.
- The seven stallions sold for \$4,675, an average of \$667.86.

The Coad Percherons Sale.

The passing of the Mark M. Coad stud of Percheron stallions and mares to other hands through the intervention of the auction-ring agency, is destined to mark itself upon the scroll of passing events as one of the outstanding attractions in draft-horse circles for the 20th century. The scene of this grand sale is fittingly laid at South Omaha—the gateway to the best horse-growing section of the United States. Mark M. Coad's Nebraska horse-breeding establishment is well-known to every breeder of draft-horses throughout the trans-Mississippi country. It is recognized as being based upon the best of the Percheron breed affords. The Coad importation of nearly twenty years ago, comprising about 65 head of high-class stallions and mares, was strictly at the head of the list for those days. The present relative high standing of Maple Grove stud is due to the excellent judgment displayed in the selection of that early importation. In our former notes we have so thoroughly reviewed the splendid strings of stallions and mares catalogued for this big two-days' offering, of January 26-27, that it would seem superfluous to go further. Let it be emphasized here and now that there will be good stallions and mares here for everybody. They will embody the richest strains of blood known to the Percheron breed. It is the blood of the great prize-winning stallion Turc close at the head of nearly every pedigree. This great stallion was not only a prize-winner on his own account, but on the other hand, he is a noted sire of prize-winners. He was a black stallion of commanding presence, of grand conformation, excellent draft points, and splendid action. He had a good foot, a good eye, a good head, and he got this rare combination of equine virtues very uniformly in his numerous offspring. Horsemen who are in attendance at this big clearance sale will be the judge and jury to pass upon Mr. Coad's doings in the draft-horse breeding world for a period of about twenty years. He will be glad to meet all interested horsemen on this occasion and have from them an honest expression of approval or disapproval at what he has been able to accomplish in this nice piece of enterprise at his Maple Grove farm at Fremont, Neb. The catalogue is ready for all. If you haven't it write for it. The writer has met many who in many cases they have not yet asked for the catalogue. Write for this catalogue at once. See advertisement and likewise illustration from same on another page.

Wichita Breeders' Combination Sale.

Our readers will note the big combination sale of cattle, horses and hogs, advertised to take place the first week of February at Wichita, Kans.

Among the consignors of Shorthorn cattle to be sold Wednesday, February 3, is Mr. J. F. Stodder of Burden, Cowley County, Kans. He will send forward from his noted Silver Creek herd twelve young bulls from twelve to twenty-two months old, that are mostly sired by his herd bull, Imported Aylesbury Duke.

Briefly, they are a lot of youngsters that would command respect in any company. Their sire, Imported Aylesbury Duke, is a magnificent specimen of the breed, weighing nearly 2,300 pounds and a particularly good dark red color. His weight is carried very compactly, so much so that it is hard to realize that so much weight is really there. In breeding he belongs to the famous Marr Missie family, than which there is no better on either side of the water. His get were very successful at the principal Kansas shows of last fall, and also at the "Royal" in Kansas City.

The bull, Challenger lot 39, of the catalogue, was many times a prize-winner. He was usually selected by the judges to stand next to his stall mate, Daredevil, which afterward stood seventh at the "Royal" in a ring of about forty-five. Challenger is large and very well grown for his age, weighing upward of 1,000 pounds, and is just now 12 months old. He is on the popular Young Mary foundation with two Scotch tops, and should make a herd-header in some good herd.

We can not pass this bull consignment from the Silver Creek herd without also calling attention to lot 50, Baron Aylesbury. He lacks a little of being as old as Challenger, but he is wonderfully true to the Shorthorn type. He is an absolute block and remarkably thick-fleshed. He is a calf, almost without a fault, and carries 93 per cent of Scotch blood. His full sister, Happy New Year, was a member of the Silver Creek show-herd last year and was consigned to the "Royal" sale last October. She was bought to go into one of the leading Iowa herds at a price considerably above the average of the sale.

Lot 44, His Eminence; lot 51, Zealous Duke, and lot 53, Highland Lad, are also deserving of especial mention, and are also sons of Imported Aylesbury Duke. Among the females are some daughters of Aylesbury Duke. Hatty May 14th, lot 2, of the catalogue, is, perhaps, the best one and should be seen to be thoroughly appreciated. She is probably as smooth and as well turned a heifer as will be sold anywhere this season, and is the kind that breeders do not usually care to part with. She is the more valuable for being safe in calf, to Lord Thistle.

Lord Thistle is one of the sires at the head of the Silver Creek Shorthorns and can boast of as much Cruickshank blood as most any bull living. In addition to this, his get can be relied upon to be uniformly high-class. It might be stated here that all of the females of Mr. Stodder's consignment, of which there are twelve, are safe in calf to one or the other of his two herd bulls, Imported Aylesbury Duke or Lord Thistle.

Silver Creek Clara is another one of the good things of the sale. She is lot 14, and is half sister to the sensational Oxford Bloom 12th, that was shown in Kansas City last fall and that was ranked just below Fair Queen, that won the grand championship at the Chicago International show. Silver Creek Clara closely resembles Oxford Bloom in type and conformation, and is soon due to calve to the service of Lord Thistle. She is a good one to own, and is sired by Gwendoline's Prince.

Mary Rose, lot 8, and Flora 6th, lot 13, are good cows by Champion's Best, Mr. Stodder's former herd bull, and lot 17, Blondine Rose 6th, is a nicely bred Rose of Sharon cow.

Send for catalogue to J. F. Stodder, Burden, Kans., and prepare to attend this sale of high-class cattle.

Garrett's Great Durocs.

Kansas now stands in the front rank of the live-stock breeding States. Her farmers and stockmen have won many honors in the pure-bred show and sale rings, as well as in the fat-stock markets. The records at Kansas City stockyards show that Kansas buys a large proportion of all of the pure-bred animals offered for sale in her fine stock pavilion. They also show that Kansas breeders are always looking out for the best. So when we announce a sale of fifty head of royally-bred Duroc-Jersey swine to be held at Concordia, Kansas, on February 6, 1904, by Mr. W. F. Garrett, owner of the Solomon Valley herd, Portis, Kans., we are sure to attract the attention of breeders throughout the State. This is especially true when it is known that the offering consists of bred sows and gilts, that are the choicest, smoothest and toppest lot of Durocs ever offered by Mr. Garrett. These contain so much of great prize-winning blood. Among the sires may be mentioned Auction Boy 23741, by Auction Boy 2d 174549, dam Red Lady 36638, by Red Chief I Am 7693. This boar is out of a sow Mr. Garrett bought of S. B. Alspach, Carroll, Ia., being from the \$315.00 sow purchased from George Briggs & Son, Clay Center, Neb. He is a beautifully colored male of perfect form. Other sires are Edward H 21651, Success 2d 17159, Eric 3d 13963, Blisse's Onward 15403, and Portis Duke 9197, all of good deep color, nice shape, heavy bone with great backs and hams. Among the tried brood sows is Ethel, who weighs 750 pounds, and is an especially fine animal. The blood of St. Paul 17157, Orin 5293, Long John 8997, Dandelion 12165, L's Choice 13727, Red Chief W. C. 8599, I Am King 8905, Coar Roberts 6882 and others as good will be found here. The sale will begin at 10:30 a. m., and breeders who have the interests of their herds at heart will make every effort to be present as this sale will be an event in Duroc circles. Bids sent to the auctioneers or to Mr. Garrett will receive the most careful attention. Remember the date and the place and be there. See advertisement on page 72.

The F. W. Dawley Sale of Poland-Chinas.

Turn over to page 71 and read the handsome advertisement of Mr. F. A. Dawley's great sale of Poland-China swine to be held on February 2, at Osborne, Kans. In all our acquaintance with breeders of pure-bred stock we do not remember to have met one whose success was so immediate and pronounced as has been that of F. A. Dawley, of Waldo, Kans., with his Poland-Chinas. After graduating from the State Agricultural College at Manhattan, Mr. Dawley immediately set to work to turn his fifteen-hundred acre ranch into a breeding-farm where only the best blood could find a home. As a preliminary step toward his success he bought Woodbury 72651 by King Perfection 50017, a grandson of Chief Tecumseh 2d, out of a U. S. Chief sow. The dam of Woodbury is Sunshine 17362A, a granddaughter of Ideal Sunshine 44645. Later he bought Perfection's Profit, a grandson of the grand champion at the Iowa and Illinois State Fairs of 1903, to which will be bred the later sows and gilts to be offered in the sale. The female herd includes the blood of Corrector, Perfect I Know, Corrected Keep On, Proud Perfection, Mischief Maker, Guy's Pride, Anderson's Model and of Geo. E. Fuller's two great boars, Onward Perfection and Sunshine Success, also of Eclipse Model, one of Axline's great boars. Mr. Dawley has a herd of about 175 head that constitute one of the smoothest, evenest and best bunches of Poland-Chinas of this size that the writer has seen and his success as a breeder has been phenomenal and is a just tribute to the ability of the man and of the institution from which he graduated. The day of the sale is February 2, the place is Osborne, Kans.,



DR. HESS Great Stock Book

Free If you will write and say what stock you have—how many head of each, what stock food you have used—and mention this paper. This book is a comprehensive treatise on the care of all live stock and poultry, based on the scientific knowledge and attainments of the eminent veterinarian, Dr. Hess (M.D., D.V.S.), written in popular language; commended and used by veterinarians everywhere. Get it and become a master of all stock diseases. Write to-day, to DR. HESS & CLARK, Ashland, Ohio. Makers of Dr. Hess Stock Food.

CARE of HOGS

A new illustrated book on how to keep hogs free from LICE, WORMS and SCURVY, PROTECT FROM DISEASE and bring to early maturity at small cost. Contains illustration of hog-dipping plant and many suggestions of value. MAILED FREE on request. WRITE FOR IT TO-DAY. Address MOORE C. & M. CO. 1501 Genesee St. Kansas City, Mo.

Spavin and Ring-bone

Once hard to cure—easy now. A 45-minute treatment does it. No other method so easy, quick and painless. No other method sure.

Fleming's Spavin and Ringbone Paste cures even the very worst cases—none too old or bad. Money back if it ever fails. Lots of information if you write. Book about Spavin, Ringbone, Curb, Splint, Bog Spavin and other horse troubles sent free.

FLEMING BROS., Chemists, 319 Union Stock Yards, Chicago, Ill.

LUMP JAW

A positive and thorough cure easily accomplished. Latest scientific treatment, inexpensive and harmless. NO CURE, NO PAY. Our method fully explained on receipt of postal.

Chas. E. Bartlett, Columbus, Kans.

F.S. BURCH Ear Labels

for SHEEP, HOGS and CATTLE, from \$1.00 per 100 up.

Best on the market. Send for Free Catalogue Stockmen's Supplies. F. S. BURCH & CO., 144 Illinois St., Chicago.

NO HUMBUG

Farmers' Brighton's Swine V. Stock Marker and Calf Dehorner. Stops swine from rooting. Makes 40 different ear marks. Extrude Horns. Price \$1.50. Send \$1 for trial. If you like, send balance. Feb 1 May 6, 1903. Hog and Calf Holder only 75c.

GEORGE BOOS, MFG., FAIRFIELD, IOWA.

Registered Jacks

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

WHEN IN CHICAGO

Stop at the **New Northern Baths & Hotel Combined**

8 floors. Fine new rooms. Meals a-la-Carte at all hours.

BATHS OF ALL KINDS. Turkish, Russian, Shower, Plunge, etc. The finest swimming pool in the world. Turkish Bath and Lodging, \$1.00. Most inexpensive first class hotel in Chicago. Right in the heart of the city. Booklet on application.

New Northern Baths & Hotel
14 Quincy St.—CHICAGO—Near State

Grand Combination Sales

New Sale Pavilion, Ottawa, Kansas.

Wednesday, February 10th, 1904,
SHORTHORNS

From the herds of E. S. Kirkpatrick & Son, Wellsville; N. Manrose, Ottawa; C. S. Nevius, Chiles; C. F. Wolf & Son, Ottawa.

Thursday, February 11th, 1904,
POLAND-CHINAS

From the herds of Dietrich & Spaulding, Richmond; J. R. Killough & Son, Ottawa; C. S. Nevius, Chiles; J. N. Woods, Ottawa.

Remember the dates and come. Catalogues and other information may be had of

DR. O. O. WOLF,
Ottawa, Kans.

J. R. KILLOUGH,
Ottawa, Kans.

and the hogs are among the best that will be offered in Kansas this year. Write for a catalogue and be present or send bids to the auctioneers or the owner.

The F. H. Conger Shorthorns.

On Tuesday, January 26, 1904, at Meadowbrook Farm, near Yates Center, Kans., Mr. F. H. Conger will hold a dispersion sale of his entire herd of Shorthorn cattle. The offering will consist of thirty-nine females and eleven bulls. Among the latter may be mentioned Lavender's Best 151939, by Lavender Dorrit 123459, bred by Col. A. W. Harris. This bull was bred by D. K. Kellerman & Son, and has made for himself a great record as a breeder in the Meadowbrook herd. Number two is Glendale Boy 212396, sired by Governor Glick's Waterloo Duke of Garnet 145764. Number six is Mary of Eldwood 2d, sired by St. Valentine 12th 130486. Number 17 is Red Mary, by 86th Duke of Widewood 125172, bred by Clay & Winn, and descended from Colonel Harris' Golden Victor 86744. There are plenty of others in the catalogue with as good breeding as these the majority, however, being Lavender's Best and St. Valentine 12th calves. In addition to the cattle offered there will be sold 22 head of horses and mules, including a pair of 1,000-pound Morgan mares and a pair of 1,400-pound Cleveland bay mares and a number of work- and brood-mares from 1,100 to 1,400 pounds, all bred to mammoth Jacks, except the Morgan drivers. The farm implements will be sold at this time and nine months' time at 6 per cent per annum or 5 per cent off for cash will be given on all purchases. The sale will commence at 10 o'clock sharp, and free conveyance to and from all trains will be furnished. Colonel R. E. Edmonson, of Kansas City, will preside on the block.

The Sotham Benefit Sale.

The citizens of Livingstone County, Missouri, have organized an association for the purpose of holding a testimonial sale for the benefit of Mr. T. H. B. Sotham. It is the purpose of the breeders of Chillicothe and of Livingstone Counties, Mo., to contribute one or more animals of whatever breed they may be handling to a great benefit sale to be held in the near future for the purpose of helping to place Mr. Sotham on his feet again financially. The organization affected for this purpose elected H. H. Carpenter, president, and Frank Platter, secretary, with Colonel Harry W. Graham as manager. Twenty-five vice-presidents have been appointed and special soliciting committee of seven members, who will secure such animals as they may be able to find for this sale. Colonel Graham estimates that there will be from one hundred and fifty to two hundred animals in the sale. Col. J. W. Sparks of Marshall, Mo., and Col. Harry W. Graham of Chillicothe will give their services as auctioneers free of charge, and announcements are being made by the agricultural press in the same generous spirit. The Kansas Farmer takes pleasure in commending the public spirit of these citizens of Livingstone County and hopes the sale may be as great as is now predicted by its promoters.

The L. P. Fuller Combination Sale.

On Thursday, February 4, 1904, at Washington, Kans., there will be held a combination sale of Poland-China swine, to which Mr. L. P. Fuller contributes 10 sows. These are daughters of such great boars as My Chief, Onward Perfection, Sultan Perfection, King Henry, and O. K. They are all bred to Newsboy, a son of Corrector, to Chief Sunshine, by Sunshine Chief, and to Long Chief, by Kansas Chief. A representative of the Kansas Farmer recently visited Mr. Fuller's herd near Morrowville, Kans., and was pleased to note the quality of the animals to be offered in this sale. The evenness of type, the size of bone, and the broad, arched backs and firm feet show them to be much above the ordinary, while their breeding will give many buyers a chance to get hold of the popular and fashionable strains that are offered in his consignment. These ten sows are a credit to their breeder and are well worth going after.

The Ottawa Combination Sales.

In the handsomest and most commodious sale pavillion in Kansas, located in Forest Park, Ottawa, will be held, on February 10, 1904, a combination sale of Shorthorns, made up from drafts from the herds of C. F. Wolf & Son, Ottawa; C. S. Nevius, Chiles; N. Manrose, Ottawa; and E. S. Kirkpatrick & Son, Wellsville. These well-known breeders

will offer a choice lot of the best breeding and individual merit that will probably appear in any sale of the State during this season. On January 11, at the same place, will be held a great brood-sow sale from the Poland-China herds of Dietrich & Spaulding, Richmond, Kans.; Killough & Son, Ottawa; C. S. Nevius, Chiles; and J. N. Woods, Ottawa. The success of these sales is already assured because of the reputation of the breeders who contribute to them and because of the handsome sale pavillion in which they are held. Catalogues may be had by addressing Dr. O. O. Wolf, Ottawa, or J. R. Killough, Ottawa. See their handsome sale advertisement on page 55.

The Geo. E. Fuller Poland-China Sale.

On another page will be found a picture of Sunshine Success 71697A, the Poland-China herd boar that has made such a phenomenal record as a money-getter in the herd of Geo. E. Fuller, of Morrowville, Kans., who will hold a sale at Washington, Kans., on Wednesday, January 27. This offering by Mr. Fuller is the best he has ever made and this is saying a good deal. The animals he offers at this time are from sows sired by Onward Perfection 59045 by Chief Perfection 2d 42559, out of Last Price's Daughter 155644, bred to Sunshine Success 71697, by Ideal Sunshine 37885, out of Ideal I. X. L. 123833. The resulting litters have been market-toppers in all the sales where they have been offered and have been money-makers for their purchasers. The combination of the blood of these two great herd boars constitutes the best offering ever made by Mr. Fuller and his purchase of Sunshine Success to use on his Onward Perfection sows proved the best business venture that he ever made. Sunshine blood is in strong demand and here is the place to get it. Remember that the sale will be held under cover in Washington, Kans., on January 27. Those breeders who are so unfortunate as to be unable to attend can send their bids to Mr. Fuller in absolute confidence that they will have the most careful attention and fair treatment.

The American Chester-White Record Association

Held the twentieth annual meeting at Columbus, Ohio, January 13. The reports of secretary and treasurer showed that business was flourishing. Total receipts, \$1,870.41; total expenditures, \$443.80; balance in treasury, \$1,426.56. Vol. VIII. will be published by August 1. Officers elected were: President, F. P. Hardin, Lima, Ohio; vice-president, W. H. Pool, Delaware, Ohio; secretary, Carl Ereigau, Dayton, Ohio; treasurer, Ed. S. Tussing, Canal Winchester, Ohio. Trustees: For the term of three years, Frank P. Dill, Westerville, Ohio, S. J. Parr, Newark, Ohio; for the term of two years, E. S. Tussing, Canal Winchester, Ohio, I. T. Cummins, Xenia, Ohio; for the term of one year, J. L. Beringer, Marion, Ohio, A. L. Glover, Delaware, Ohio. Executive committee: J. L. Beringer, A. L. Glover, S. J. Parr.

The Ohio Swine-breeders' Association

Had an interesting and instructive meeting at Columbus, Ohio, January 12. Officers elected were: President, J. J. Snyder, Paris, Ohio; vice-president, S. S. Puckett, Yellow Springs, Ohio; secretary-treasurer, Carl Freigan, Dayton, Ohio; executive committee: For the term of three years, W. A. Eudaley, Middletown, Ohio; for two years, E. S. Tussing, Canal Winchester, Ohio; for one year, J. L. Beringer, Marion, Ohio. Committee on program: C. A. Kurtz, I. T. Cummins and S. S. Puckett.

Gossip About Stock.

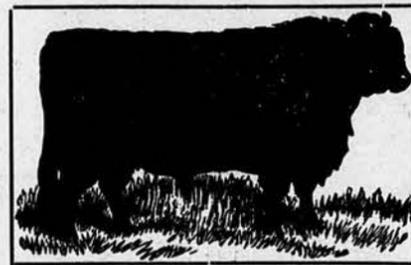
We are receiving inquiries from our readers regarding information as to where they might be able to buy a car load of good milk cows. Any of our readers who can fill such orders should advertise the same in our "Special Want" column.

A. L. Sullivan, manager of the Lincoln Importing Horse Co., writes that the sale season is well open and business first-class. He invites all to see the big barn full of tip-top German coachers and big Percheron drafters now in the stalls. The latch-string is out.

Every breeder of pure-bred swine should have a copy of the Handy Herd Book, which will enable every one to keep a complete record of every registered hog on the farm and will answer the purpose for several years. The price of the (Continued on page 67.)

GALLOWAY DISPERSION SALE!

FRIDAY, JAN'Y 29, 1904.



On account of my increasing years, I will reluctantly dispose of my entire herd of recorded Galloway cattle, consisting of 14 head of females and 12 bulls, many of the latter herd-headers. This is the oldest, and many think the best, pure-bred herd of Galloways in Kansas. Lunch at noon. Sale under cover at 1 o'clock p. m.

J. S. GOODRICH,
Linn County. Goodrich, Kans

COMBINATION SALE

At Washington, Washington Co., Kans., Feb. 4, 1904.

55 Head of Royally-bred Poland-China Sows 55

Bred and safe in pig to 12 grand boars, representing all of the most popular strains. Selected from the well-known herds of D. A. Kramer, Washington; A. E. Driskell, Washington; W. P. Young, Washington; John Bradshaw, Washington; L. P. Fuller, Morrowville; D. M. Boyer, Linn; Ira Henry, Emons; Dave Cook, Washington. One of the grandest and largest collections of bred sows ever offered at one time in northern Kansas. Send for catalogue to **JOHN A. AYRES, Jr., Clerk,** Washington, Kans. Cols. John Brennan, J. B. Lewis, E. A. Kramer, Auctioneers.

The Kansas City Fine Stock Pavilion

For the Sale of Pedigreed Cattle, Hogs and Sheep.

CHARGES REDUCED.

Breeders invariably realize higher prices in Kansas City for the reason that they obtain the full benefit and prestige of a great market, convenient to purchasers, perfect railroad facilities to every section of the country, and first-class accommodations.

Kansas City fine stock pavilion is the handsomest building of its kind in the world. Steam heated, electric lighted, pure water, ample seating accommodation. For sale dates and full information address

KANSAS CITY STOCK YARDS CO.,
EUGENE RUST, General Manager.

BRED SOW SALE

At Washington, Kans.,
Wednesday, Jan. 27, '04.

The Blood that Dominates the Breed
Quality the Best.

Thirty-five head sired by or bred to good sons of Chief Perfection 2nd, Ideal Sunshine, Keep on, Kansas Chief and others. Send for catalogue and read what I sell. I send you cordial invitation to attend my sale. Best lot I ever offered. Send bid to either auctioneer.

G. E. FULLER,
Morrowville, Kansas.

Col. L. W. Leonard } Auctioneers.
Col. D. M. Evans }

The Young Folks.

CONDUCTED BY RUTH COWGILL.

HOW DOES IT SEEM TO YOU?

It seems to me I'd like to go
Where bells don't ring, nor whistles blow,
Nor clocks don't strike, nor gongs don't
sound
And I'd have stillness all around.

Not real stillness, but just the trees'
Low whisperings, or the hum of bees,
Or brooks' faint babbling over stones
In strangely, softly tangled tones.

Or maybe a cricket or katydid,
Or the songs of birds in the hedges hid,
Or just some such sweet sounds as these
To fill a tired heart with ease.

If 'tweren't for sight and sound and
smell,
I'd like a city pretty well,
But when it comes to getting rest
I like the country lots the best.

Sometimes it seems to me I must
Just quit the city's din and dust
And get out where the sky is blue,
And, say, now, how does it seem to you?
—Eugene Field.

Bonny Prince—the Autobiography of A Collie Dog.

MARION SEWELL.

CHAPTER XII.—"GOOD-BYE, BONNY PRINCE."

From light into darkness it seemed to be, for the morning after Aunt Lucy's ball a heavy mist had taken the place of the ideal weather of the previous day. The air was close and sultry and a peculiar gloominess had settled over everything.

To make matters worse, no one was stirring about the house; even restless little Howard appeared to have overslept. The unusual stillness gave me an uneasy feeling, and to relieve this I went down to the park to seek comfort from Fleetfoot, whom I found grazing in one corner. On my way there I came across my old enemy, the hen with the numerous chickens that were always getting in my path. I shut my eyes and purposely ran through them, and in an instant mother-biddy was clinging to my back. In my fright I forgot to open my eyes; consequently I rushed into a plank fence and saw stars. When the confusion died down, and the loving hen mother returned to her family, I approached Fleetfoot and led him home. Arriving there I found Howard leaning over the gate waiting for me, and as it happened that the pony was just what he wanted, he nearly choked me in the fulness of his gratitude, at the same time calling me "a mind-reading dog." I did not know exactly what kind of a dog this was, but was quite confident that it meant something above the common order. Having saddled Fleetfoot, Howard was but a short time mounting, and I, not caring to ride, trotted beside him, up and down the lane for half an hour.

After breakfast we went to visit Lester Winters, who was now out of the hospital and as well and lively as ever. Early in the forenoon it began to rain quite heavily, so we stayed in the house and played games, and a jolly time we had, too. Lester's mama, who was a nice lady, fried some cakes and made tea. I had a cup of tea with the rest of the people, but I drank mine out of a wooden saucer. When the boys played marbles I would chase the cunning glass balls, and knock them clear across the floor with my paws. Of course I spoiled the game, but I suppose I looked comical for Howard and Lester laughed until they were powerless to move. Pretty soon Lester's mama got a handsome, wooly rug and, placing it in one corner of the room, said, "Here, Bonny Prince, you lie down and rest on this nice, soft bed." I obeyed her and remained a long time silently watching the fun, but at length a big colored marble rolled past me and I jumped up and went after it. When Howard had taken the marble from between my paws, I returned to my rug and lay down heavily. All at once there was a great sound of spitting and growling and I suddenly discovered that I had sat upon a large, yellow cat. The boys yelled with merriment and I was so scared that I thought the cat was growing bigger every minute, as it stood there and faced me. I went to the farther side of the rug and dropped down softly,

for I did not think it worth while to enter into a fight, but I felt, just then, thoroughly convinced that cats are entirely too plentiful.

Some time in the afternoon we started for home and it was not until we arrived there, that the loneliness which I had felt in the early part of the day returned to me.

The weather had cleared up, but the branches of the trees were dripping still from the morning rain. The air was cool, and everything was so unusually noiseless that I was almost afraid to step across the gravelled walk. I lest I awaken some one, or something. Howard noticed it, too, for he said as he tiptoed up to a window and looked in, "I wonder if the folks are at home," and then, as he strained his eyes against the pane, "I see mama—but, Bonny Prince, you can't come in unless you change your muddy shoes."

That night my sleep was troubled and broken. I heard an owl hoot in a tree near by, and I jumped up trembling with fear. Then for a little while I slept and I was again a tiny puppy on Howard's lap. He poured his childish troubles into my ears and rocked me in his little chair and called me, "Dear puppy Prince." Suddenly a great wall sprang up. The sides were smooth and high, and Howard was leaning over the top, his face drawn as if in pain. I whined and put up my paws. I was wild to reach him; but little master spoke in a voice that was strange and new to me, "Don't try it, pet. Good-bye, Bonny Prince." I sprang up with a moan and found myself alone in the dark; everything was peaceful and still except for the call of the katydids in the low bushes at my side. How relieved I was to find that my tormenting experience was nothing but a dream after all. Yet when the moon came out from behind a cloud, my nerves were so unstrung I could not refrain from sitting down and howling with all my might, and this I kept up until I was brought to my recollections by the opening of a window in the upper part of the house, and a man's voice calling out harshly:

"Down! Let hup there, you, or I'll fill yer bloomin' hide full of shot." The window was banged shut fiercely, and the remainder of my night was filled with a succession of bad dreams.

The next morning my breakfast was brought to me by the cook instead of by Master Howard. She pushed the dish in front of me and walked off without a word, leaving me to stare after her, wondering at the strangeness of things. Although my favorite foods were before me I had no appetite and did not attempt to touch a morsel.

A little later I heard the front door open and to my joy saw Howard come out. I sprang forward to meet him, but stopped suddenly when I caught sight of his face. Was it a dream after all, this sorrow of last night? A pale, tear-stained, mournful little face was what I saw as Howard advanced without a motion of endearment or a word of greeting. I rushed to his side and laid my head against his hand, then looking up into his eyes I tried to say, "Oh, Howard, why don't you speak to me?" He sat down on the grass and drew me close to him, burying his fingers in my long hair, and laying his cheek upon my silken ears. After a minute he whispered, "Bonny Prince, can you understand?"

Could I understand? Little master, of what were you thinking? Had we not been like human companions all my life, I doing your bidding in everything, even anticipating your wishes from the look of your face, and now you ask me if I could understand! Howard knew how unreasonable his question was, and went on to explain, still whispering, as if fearful of his own voice, "Papa says that as you are only a dog you can not understand things, and you haven't any feelings, that you were not created to have any. He says that I should have remembered that you are only a dog and not treat you like a brother." Here Howard ceased speaking, and lying flat on the grass began to sob. I drew near to comfort him, but he pushed me gently back. Presently he sat up and said, "You keep still, Bonny Prince, and I'll tell you all about it.

"Papa has lost all his money and we

are going to move away, and we can not take you with us, but in a year we are to come for you. This is the same as saying that I will never see you again, for I know something will happen, and I have lost my best friend."

The thought was too much for Howard, who laid his head down on his arm, overcome with the misery of it all. The next moment we were both aroused by the voice of Mr. French, who had come up so softly that we had not observed his approach:

"Howard, my son," he said, "You will not make this any harder for me to bear. Get up and bid your dog good-bye and be a brave lad, remembering that after all a year is but a short time and I know that neither you nor Bonny Prince will be any the worse for the brief separation."

"But we will be so lonesome, papa," remarked Howard, sadly.

"Yes, for a little while responded his father, "but Bonny Prince will have a good master, and you may learn to forget him when we get settled in our new home."

"Forget Bonny Prince!" cried my little master, with flashing eyes. "I shall never forget him as long as I live."

If I was faithful to Howard, he in his turn was not false to me. But just now I was thinking of Mr. French. How patient and forbearing he was to stand there reasoning with his little son about a dog while from within his beautiful home came the sound of hammers at work and the moving about of heavy pieces of furniture. Howard was only a child, and he did not know that there was anything worse in this world than the loss of a loving, brown-eyed dog, but I felt with a dumb creature's instinct which I can not describe, how much more significant was his father's trouble; and, wishing to show the kind-hearted man that I was satisfied with any plans he made, I went to him and licked his hand and looked up into his face.

He stooped and patted me on the head, saying, "This is a changeable world, poor lad," and as his eyes filled with tears I knew that he was thinking of the day when he first brought me home, and of the happiness and peace he then enjoyed.

The gate clicked, and a tall, thin man, wearing a hard hat, came into the yard. I had never seen any one who looked like him, and I shall always remember his long nose, his gold eye-glasses, and his face, which showed neither life nor expression.

"Mr. Carmington," said Howard's father, "You have come in good time. My boy and I have just been talking about the dog, and we are satisfied for you to take care of him for us until we are ready to call for him."

The stranger glanced at me and then at Howard with a careless smile. "I see you are a sensible boy, Master French," he said, "the dog will be finely treated," and then as if to reassure Howard, he added, "I will feed him well." What more could a dog wish than to be well fed?

He took a long strap out of his pocket and made a motion as if to remove my collar. Mr. French seeing this turned to my little master and asked, "Do you wish Bonny Prince to keep the collar, Howard?"

"It belongs to him," returned Master Howard, swallowing hard.

"We have talked this matter over before, Mr. Carmington, and everything will be just as arranged. And now," continued Mr. French, bending over me and taking one of my paws in his hand, "be a good, obedient dog and it will not be very long until we meet again."

By this time Mr. Carmington had fastened the strap to my collar and was ready to lead me away. He hesitated a moment, however, and glanced at Howard, who came over and laid his hand lingeringly upon my head. Then, turning his face away, he said, in a broken voice, "Good-bye, Bonny Prince, good-bye."

(To be continued.)

Getting the Worst.

A boy came to the door of a lady's house and asked if she did not wish some berries, for he had been out all day gathering them.

"Yes," said the lady, "I will take

SEND NO MONEY

5,000 Rifles

FREE TO BOYS



Just send us your name and address so that we may tell you how to get this fine rifle ABSOLUTELY FREE.

YOU CAN HAVE ONE

As we are going to give away 5,000 of them. We mean it, every word, and this is an honest, straightforward offer, made by an upright business firm who always do exactly as they agree. All we ask is that you do a few minutes' work for us. It is so very easy that you will be surprised.

This handsome rifle is not a toy air rifle, but is a genuine steel, blue barrel, hunting rifle, that is strong, accurate and safe and carries a .22-calibre long or short cartridge. If you want a fine little hunting rifle, just write and ask us for particulars. They are free and you will surely say it's the best offer you ever saw or heard of.

BE SURE AND WRITE AT ONCE before the 5,000 rifles are all gone, as the boys are taking them fast.

Address,
PEOPLES POPULAR MONTHLY
160 Manhattan Building,
DES MOINES, IA.

them." So she took the basket and stepped into the house, the boy remaining outside, whistling to some canary birds hanging in their cages on the porch.

"Why don't you come in and see that I measure your berries right?" said the lady. "How do you know but I may cheat you?"

"I am not afraid," said the boy, "for you would get the worst of it."

"Get the worst of it?" said the lady. "What do you mean by that?"

"Why, ma'am," said the boy, "I should only lose my berries, and you would make yourself a thief. Don't you think you would be getting the worst of it?"

The boy was right. He who steals or does anything wrong or mean just to gain something, burdens himself with a sin which is worse than all gain. Let this be borne in mind: The one who does a wrong to another always gets the worst of it.—Exchange.

An Economical Mother.

Small Katherine, who had been forbidden to touch the ink bottle, had accidentally spilled its contents not only all over her mother's desk, but on the rug, several chairs, and her own apron. Her mother, on discovering the state of affairs, had expressed more surprise than pleasure. When the father of the family returned at night his little daughter met him at the door and asked:

"Papa, how much does a bottle of ink cost?"

"Oh, about five cents."

"Five cents!" exclaimed the aggrivated youngster in a tone of deep disgust. "And to think that mamma would make all that fuss about one little bottle of ink!"—July Lippincott's.

For the Little Ones

A CONDESCENSION.

Gwendolen Jones was chubby and sweet, and her age was half-past three; and she lived in a house on Wellington street, in the yard with the walnut-tree.

Harold Percival Marmaduke Smith was almost half-past four; and he said, when they gave him a baseball and bat, "That he'd 'play with the girls no more.'"

Gwendolen Jones she gazed through the fence
At an end were all life's joys,
As she saw the friend of her youth depart
To play with the great big boys."

Harold Percival Marmaduke Smith
Up to the field marched he;
But his eye was blacked, and his head
was whacked,
And his ball no more did he see.

And the boys called him "Baby" because he cried,
Did Teddy and Willie and Tim,
And they chased him away when he threatened to tell,
And said they'd "no use for him."

Gwendolen Jones came down to the fence
And her face wore a joyful smile
When Harold Percival Marmaduke said
He'd play with her "once in a while."
—St. Nicholas.

The Home Circle.

CONDUCTED BY RUTH COWGILL.

JUST BE GLAD.

Oh, heart of mine, we shouldn't
Worry so
What we've missed of calm, we couldn't
have.
You know.
What we've met of stormy pain
And of sorrow's driving rain,
We can better bear again,
If it blow.

We have erred in that dark hour
We have known
When the tears fell with the shower
All alone.
Were not shine and shower blent
As the gracious Master meant?
Let us temper our content
With His own.

For we know not every morrow
Can be sad;
So forgetting all the sorrow
We have had,
Let us fold away our fears,
And put by our foolish tears,
And through all the coming years
Just be glad.

—James Whitcomb Riley.

Home Adornment.

MRS. J. J. ALEXANDER, NORTON, READ BEFORE THE STATE HORTICULTURAL SOCIETY.

This subject should be, and is, one that interests a great many people. What! Do you mean to say that everybody is not interested in the subject of home and home adornment?

Certainly; the majority of the people in this, our fair country, think very little about beautifying their homes, and would stare in amazement if the word "adornment" were mentioned in their hearing, in connection with their homes.

There are people in the world, and some of them in Kansas, too, who seem to be content with four bare walls and a covering of hay and dirt, and would deem it extravagance to suggest anything better to them; but, my friends, it is for just such people as these that every effort of the thinking minds and kindly hearts of God's children should be brought to bear, on this subject of making better homes.

In speaking of home adornment, I might draw a beautiful word-picture, furnishing and arranging a grand palace from cellar to attic. But that would be presumption on my part—in truth, it would be folly, for the rich and grand would not thank me for my advice, and would smile at my conceit.

But, seriously, there are a great many people who could be helped to make better homes for themselves, and to make their children better fitted to make the future homes of our Nation, if in some way they could be brought to realize the need of more beauty and cleanliness in their own homes, and to see their responsibility for cleanliness and beauty in the homes of their neighbors.

But I hear some one say, in what way are the future homes affected by our present way of living? And in what possible way can the lives and homes of the coming generation be benefited or injured by the way in which people live in this day and age of the world?

There is an old adage, and a truthful saying, too, that "As the twig is bent, the tree's inclined." When heredity and environment together tend to teach slothfulness, and to blind the eyes to the beauties of nature, and to dull the sensibilities to freedom of thought and to aspiration, you can not expect refinement and thrift as a result. It seems there is but little hope for the future of children that are brought up in homes devoid of beauty and attractiveness—because it is not so much what we have, as how we have it that makes the home comfortable and happy.

There are homes and homes that I know, where the barrenness and homeliness are not because of poverty and want, but because of ignorance, indifference to the better way of living. There are so many people who count bare existence as living, and do not trouble to think of the home further than to supply just a mere shelter to cover themselves and families!

One writer has said of home: "The sweetest word in every tongue is home. It breathes of the simple joys of childhood, the struggles, sorrows,

trials and shadows of manhood; it summons up the consecrating memories of the past; it speaks of the fire-side, and of our youth; and of the roof-tree of our fathers where in sweet content we rested and trusted, not fearing evil or hurt because of the trust and confidence we had in the love of father and mother, and the sure protection of home."

If this be home, then how earnestly we should study and plan to make it the place God in his love and indulgence intended home should be!

When we look back to the first home, and see the beauty and grandeur, the peace and content, the joy and happiness, the trust and confidence that existed in that household, may we not believe that it is man's duty to make of the home the brightest and purest and cleanest place possible?

But here again, as of old, may come in that fell destroyer, sin, saying: "But you have not the means to make your homes bright and beautiful—how can you fix up your homes and make them pretty without money?" I will say here, lest I forget it, that in some homes too much money is what destroys the beauty of those homes.

It does not always take money to make a home beautiful. Love and cleanliness are two of the great essentials in beautifying or adorning the home. I remember a home, where every member in the family that was able to lift a hand, was expected to do his part toward the support of that home, and it was a very meager support; but by that fireside, not only the immediate members found a cheery and pleasant place but many a weary traveler found rest and comfort. Neighbors and friends found a cheery welcome, and availed themselves very often of the privilege of visiting them. And remembering this one humble home, I call to mind many others that are very bright and happy, and are adorned with the great essentials of home and life everywhere and in any place: friendship, love, truth, and kindly greetings. These are a presence. If left out, I care not what tapestry, gilding, artistic display, lavish wealth and splendors may be crowded into a home, there is felt on stepping over that threshold that it is only a place to stay, a place to eat and sleep; that the real home presence is not there.

If the real heart of home is not an ornament, the beauty of that home is marred. But where the home is the treasure, the heart will be there, and, of course, will plan many ways to make it attractive, both inside and outside.

Speaking of the outside, recalls to mind an article on "Our Beautiful America." In that article, the test of civilization was brought to the backyard; and I thought, how true! So many people seem to think that if the front yard and best rooms in the house are beautiful, it does not in the least matter about the back yard and the kitchen. We used to hear it said that the kitchen should be the brightest and cheeriest place in the house. And I believe it, unless we except the boy's room.

In the homes of many, and, I believe, the majority of the people of America, the mother does her own work, and of necessity spends a very great part of her time in the kitchen; and, of course, where the mother is, there the little ones will be. How essential, then, that this room be pleasant and attractive!

I excepted the boy's room. I believe there is a very great mistake made in our American homes about where we house the boys. In fixing up the boy's room, it is generally supposed that it does not make any difference about the boys, for they do not care for pretty things; that any old thing that is not nice, or pretty enough for any other room, will do for the boys. Why not let them know that it is just as proper and essential for boys to be comfortably and conveniently housed as it is for the rest of the family? Perhaps in this way, we can help in making more beautiful homes, and lessen the number of hovels and dens.

Help to make homes and people more what God would have them to be, by lifting them above their environ-

ments, creating in their hearts a love for the beautiful, causing them to aspire to greater things and helping them to set their mark higher. Encourage and urge them to attain to greater things than just mere existence. I believe that this can be done largely by making homes bright, pleasant, and beautiful.

Once there was a little girl who was sick and a cripple. Her mother was very poor, and had to work very hard to support herself and little daughter, and consequently, had to leave her alone a great deal of the time. One day a kind little neighbor gave her a blooming plant, which she set in her window close by her bed. Its bloom was so bright and fragrant that it seemed to be out of place in that darkened window. The little cripple asked her mother to wash and clean the window, that it might look more fitting for a resting place for the sweet-scented blossoms; thus the sunlight and a little cleanliness crept into the room, and the child, cripple though she always was, grew very happy and contented, and was finally brought to Christ—all through the influence of beauty and cleanliness.

Recipes Tried and True.

The following recipes are sent in by the Domestic Science Club of Osage County. We are glad to publish them, for we know something of the excellence of the cooking of these ladies:

Fruit Cake.—1 pound creamed butter, 1 pound sugar, 1 pound flour, 1 doz. eggs, 2 pounds raisins, 2 pounds currants, 1½ pounds citron, 1 tablespoonful cloves, 1 tablespoonful allspice, 1 pound cinnamon, 1 nutmeg, 1 teacup molasses. Dredge the fruit with flour; bake in moderate oven three hours.—Mrs. Sue Brown.

Monroe Fruit Cake.—2 pounds butter, creamed, 20 eggs, or 10 eggs to the pound, 2 pounds flour, 2 pounds citron, 2 pounds raisins, 4 pounds currants, 1 pint New Orleans molasses, 1 ounce each, cinnamon, allspice, and mace, 2 teaspoons soda.—Ida M. Ferris.

White Fruit Cake.—2 pounds flour, 2 cups sugar, 1 cup sweet cream, 2 teaspoons baking-powder, 1 teaspoon salt, whites of 10 eggs, 2 pounds citron, 2 pounds blanched almonds, meat of 1 large cocoanut (if you use dessicated cocoanut cook first in a little sweet milk), 1 tablespoon vanilla. Bake in moderate oven.—Ida M. Ferris.

English Plum Pudding.—2 cups flour, 1 teaspoon baking-powder, 1 teaspoon salt, 8 eggs, 2 cups sugar, 2 pounds raisins, 2 pounds currants, ½ pound citron, ¼ pound candied lemon peel, ½ pound suet chopped fine, 1 cup New Orleans molasses, ½ cup boiled cider, ½ teaspoon cloves, 1 teaspoon cinnamon, ½ teaspoon allspice, 1 nutmeg, 1 quart bread-crumbs. Scald pudding bag, dredge the inside with flour, tie very loosely. Boil four hours in covered kettle. Keep covered with water. Have a teakettle on the stove with boiling water to replenish the kettle without stopping the boiling.—Mrs. Ann Dawson.

Dressing—Drawn Butter.—Cut 6 ounces butter into little bits, put them into a pan, with a large teaspoonful of flour and a tablespoon of milk. When thoroughly melted add 6 tablespoons of water, a cup of sugar, and the piece of a lemon, boil to the consistency of cream.—Mrs. Ann Dawson.

Butter Scotch.—One cupful of sugar, one cupful of molasses, half cupful butter (scant), a pinch soda or cream of tartar, boil until done. This may be pulled as taffy or cut into squares and wrapped in parafine paper.—Mrs. Fannie Dixon.

Chocolate Caramels.—Two cups brown sugar, 1 cup molasses, 1 cup of chocolate, grated fine, 1 cup of boiled milk, 1 tablespoonful flour, butter the size of an English walnut. Let it boil slowly and pour on flat tins to cool, and mark off in squares.—Mrs. Fannie Dixon.

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Information How They May Give Birth to Happy, Healthy Children Absolutely Without Pain—Sent Free.

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the day related starts a conversation quite broad and impersonal, and I am amazed at the grasp and reasoning of the mind of my son, not yet six, on the whys and wherefores and right and wrong of things. Have I not reason to hope that the talks we have now, truly "heart to heart," will help him to consider and decide for the right in after years? The acts and conversation of grown persons seem oftentimes coarse and defective when judged through the eyes and ears of a child. I have to be constantly making excuses to my boy for what he sees and hears. I am trying to develop in him the power to consider the character of people, and right and wrong. Both girls and boys need this equipment.

Club Department

OFFICERS OF STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. Cora G. Lewis, Kinsley
Vice-Pres.....Mrs. Kate E. Apington, Council Grove
Recording Sec.....Mrs. Eunice H. Brown, Olathe
Treasurer.....Mrs. F. B. Hine, Kinsley
Auditor.....Mrs. J. T. Willard, Manhattan
State Secretary for General Federation.....Mrs. D. W. Wilder, Hiawatha
.....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).
Challotte Club, Highland Park, Shawnee County (1902).
Cultus Club, Phillipsburg, Phillips County (1902).
Literatae Club, Ford, Ford County (1903).
Sabeau Club, Mission Center, Shawnee County, R. R. No. 2 (1899).
Star Valley Women'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, Rosalia, Butler County (1903).
Pleasant Hour Club, Wakarusa Township, Douglas County.
The Lady Farmers' Institute, Marysville, Marshall County (1902).
[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

The Lady Farmers' Institute.

I noticed in the KANSAS FARMER of December 31, a request from you for names of officers and plan of work for the coming year. I thought it might be well to introduce the "Lady Farmers' Institute of Marshall County to your notice.

In July, 1902, a few ladies conceived the idea of a country club in our midst. Accordingly invitations were issued, a program was made out, and lo! an interesting company met and organized what is now known as The Lady Farmers' Institute. To Mrs. Lewis Scott, formerly of this place but now of Ocoola, Mo., we owe the success of our first meeting. Our membership is limited to eighteen, and we have drawn congenial individuals from five different townships. Our plan of work for the first year was largely domestic subjects. As we all live quite a distance apart, and must necessarily be several hours from our homes, the question of refreshments came up for discussion. We disposed of it in this manner: That each lady whose turn it was to entertain the "Lady Farmers" should use her own taste and pleasure in serving refreshments. This plan seems to be quite satisfactory, and we are often treated to sumptuous dinners, thus proving to our sometimes guests that the culinary department has not been neglected in order to prepare a literary feast. For this year, we have mapped out a program of literature based on the present-day writers, Kansas authors, eminent Kansas women, some domestic science, Kansas history, and current events.

Through the kindness of Mrs. Emma E. Forter, president of the Fifth District Federation of Clubs, we are enjoying a "Pleasant Hour" Library of



ONE'S TRUST.

Why Women Should Confide In a Man.

BY VALENTINE.

"Judge before friendship, then confide."

It is much easier for a woman to confide in the average man than in the average woman. She knows that the man will respect her confidences and keep them to himself. He is strong, has more experience of the world and can help the woman who needs advice. It is said that loyalty is usually lacking in the feminine make-up. Without a perfect understanding there can be no helpful advice, and not one woman in ten places implicit confidence in her own sex. The consciousness of her own weakness puts her on her guard against the failings of all other women. In the same way a woman hardly feels like confiding her womanly troubles—her weakness due to diseases essentially feminine—to a woman. That is probably why women do not usually succeed as physicians. There is every reason why women should not trust their delicate constitutions in the hands of unskilled persons. It requires a thorough medical education to appreciate and understand the womanly organism. When a woman has ills and pains that she can not bear—when life seems dark for every woman, she should confide her troubles to a physician of standing in the community, or one who has a National reputation. Certainly it would not be the part of wisdom to confide in an ignorant person without medical education simply because she was a woman. There is every reason why she should write to some great specialist, one who has made the diseases of women a specialty for a third of a century, like Dr. R. V. Pierce, founder of the Invalids' Hotel and Surgical Institute, of Buffalo, N. Y. All his correspondence is held sacredly confidential, and he gives his advice free and without charge.

SINGLE AND MARRIED WOMEN

Very often find that it is repugnant to their feelings to consult their family physician. In such a case they can put perfect confidence in Dr. Pierce, who has made such a success in the treatment of woman's diseases, for he will give you the very best advice possible, and without cost to you. To grow beautiful, healthy and happy should be the desire of every woman. It is then possible to hold a husband and to make home happy and bring contentment to it. Nothing is more beautiful and refreshing than to see a woman with a symmetrical form, a cheerful, healthy sparkle in her eyes, an elastic step, graceful walk and gestures, a self-reliance blended with a sweet, reposeful manner and enveloped in a cloak of self-respect. Ten years ago it was fashionable to be weak, to appear timid and to faint under any undue excitement. The woman of to-day is an altogether different creature. She recognizes that it is her duty to make an effort to develop her body and her mind, and there is no reason why she should suffer periodically from pains. Then again women approach the ordeal of maternity with great fear because of a run-down constitution, ow-

ing to the drains and weakened vitality by reason of such periodical suffering. All such women should turn to the right person for consultation and good advice. In most cases Dr. Pierce's Favorite Prescription will fit the needs and put the body in a healthy condition. It has made thousands of melancholy and miserable women cheerful and happy, by curing the painful womanly diseases which undermine a woman's health and strength. It establishes regularity and so does away with monthly misery. It dries debilitating drains and so cures the cause of much womanly weakness. It heals inflammation and ulceration, and cures the bearing-down pains, which are such a source of suffering to sick women.

A DUTY WOMEN OWE THEMSELVES.

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

"I suffered for five years with terrible pains, especially at the time of menstruation, and did not know what the trouble was until the doctor pronounced it inflammation of the ovaries, and proposed an operation," writes Mrs. Sybil Paia, of 3647 Indiana Avenue, Chicago, Ill. "I felt so weak and sick, was sure that I would not survive such an ordeal, and decided that I would not undergo an operation. He tried to persuade me, but I remained firm. The following week I read an advertisement in the paper as to the value of your 'Favorite Prescription' in such an emergency, and I determined to try it. Great was my joy to find that I had actually improved after taking two bottles. I dared not believe that I was getting well but kept up the treatment, and within eleven weeks from the time I took the first dose, I was well. Have gained eighteen pounds, am in excellent health, and seem like one risen from the dead. You surely deserve great success and you have my best wishes."

KNOW THYSELF.

Read all about yourself, your system, the physiology of life, anatomy, hygiene, simple home cures, etc., in The Common Sense Medical Adviser, a book of 1,000 pages. For cloth-bound copy send 31 cents in one-cent stamps, or for paper covered 21 stamps. Address Dr. R. V. Pierce, Buffalo, N. Y.

most excellent literature. Also from the same source we are anticipating a Juvenile Library for our children. To those of us who have not a resourceful library this means very much.

Once during the year we entertain our husbands, they taking an active part in the program. We also have an annual picnic, which is enjoyed by both old and young members of our families. Election of officers occurs quarterly. During the past year we have had some very creditable papers on different subjects, and lively discussions, too. By a unanimous vote we are out of the Federation of Clubs.

Now as I am of an inquiring turn of mind, I should like to know what the "special purpose" of this information is. On receiving the KANSAS FARMER I always turn to the club department to see what our club women are doing. If more would write for this department we might become better acquainted on kindred subjects.

We are glad to introduce to you this week, a new club, the Lady Farmers' Institute, of Marshall County. Every one knows there is a good deal in a name, William Shakespeare to the contrary; and this name, "The Lady Farmers' Institute," gives promise of a lively, up-to-date group of women. We shall hope to hear a good deal from them—some of their papers, and perhaps now and then an echo of their discussions.

This club "wants to know." The only meaning of the phrase "for a special purpose," which may have sounded unduly mysterious, is that I wish to make out a tabulated list of the clubs, with their officers, number of members, and subjects of study. I want to publish something of this sort about once a year, so that every one can see something of the country-club movement as a whole. It has seemed to me that this would be interesting.

I am very glad to be asked any questions that interest the clubs, and am glad, at all times, to give any information I can.

Whenever a new club is organized, I shall always be glad to know of it. Our offer to send the KANSAS FARMER to each country club still holds good. As soon as the subscription runs out for one year, it can be renewed, if preferred, or ordered sent to another member of the club represented.

Miscellany.

Go Fox Hunting.

EDITOR KANSAS FARMER:—I wish to contradict a piece on dogs published in last week's paper. A noted Englishman was once asked the population of London, and he replied: "Three millions, mostly fools." The editor gave the population of Kansas dogs as 180,000, but forgot to add, "mostly curs." A pedigreed dog is valuable whether poodle or pug, although the editor infers that the only dog of "real value" is the "faithful Collie or bird-dog." I have owned pedigreed bird-dogs and have hunted with others whose training had cost \$100. Who can help but admire the implicit obedience of the bird-dog?

But the Collie? I have had occasion to ride across the country lately, both by day and night, and I find this country is swarming with noisy, snapping, snarling, egg-sucking, sheep-killing curs that cloak under the title of faithful (?) and go by the delusive name of "Shep." Shep ought to drive himself off the face of the earth.

Let me present the fox hound. The problem of keeping the boys on the farm is solved when they get a small pack of hounds. Come with me when, with a clear, bright morning overhead and a clean blanket of snow under foot, we get horse and dogs ready for the chase. To the challenge from our horns we hear the far-off mellow tu-toot, tu-toot, tu-toot of our companions. If the snow is heavy we go to the open country for a wolf-chase, but if the snow is light we go to the river-bluffs for a fox-chase. You have missed the greatest treat of this life unless you have stood with us on some high point, when, "Hark! Listen, boys! The hounds have got the fox 'up' and are

coming our way." Not a whisper is breathed. Presently a red streak darts past, so fast that great holes are left in the air. On come the hounds, giving vent to the joy of their hearts by the sweetest music that man ever heard. Instantly, every one asks: "What dog leads?" Oh, it is old "Bawly," the villian. He has run a cut-off and got in ahead of the pack. On they come and past us they go. Who could keep from shouting, "Whoop, go it boys; ou-wow!" There they go through dale and over hill; now they follow creek, now they cross the open; back and forth; round and round the chase continues. Back-tracking, side-jumping, and fence-walking, avail him nothing; the dogs come on, and on. With him it is "do or die." His beautiful fur is full of mud, his proud white tip hangs heavy and low. To the world he acknowledges his defeat; to the hunters he has shown himself in his glory. A final effort puts him in his den safe at last. Angry growls are heard at his door, but the tu-toot, tu-toot, tu-toot from the chorus of hunter's horns call the chase off. That day's work is done.

FRED ZIMMERMAN, B. S.
Doniphan County.

The Proposed Labor System.

EDITOR KANSAS FARMER:—I notice your comments on the labor question as suggested by the Hon. Carroll D. Wright, which, briefly stated, mean making employer and employee partners. In a remote way they are now partners, mutually interested in the welfare of each other and their mutual product. One agrees to furnish his work, the other his material or capital. Labor agrees that its reward of the combination shall be paid when the work is done, or at the end of each week or month, while the employer has to wait till the product of labor is finished and marketed. Labor seldom takes any chance in the certainty of the pay, and often cares nothing for the final profit or loss, but spends the earnings as fast as received. It would surely mean a revolution in labor-conditions if the above change were adopted. It could only be adopted in certain lines and with certain classes; it would leave the transient help out, and make many look for other kinds of productive labor. But would laborers agree to divide in case of losses? They ought to be as fair and stand their share of loss as the other party is.

Last winter a lawyer in Pennsylvania wrote a book, claiming that the punishment of unions and labor was not conducive to the best moral results. He was the attorney of the unions, and wrote from their standpoint, and urged moral suasion as a better element to the ends sought.

I do not question the motive of either man, but I do take issue with them on either course, as not the best or even feasible. I would urge a far more successful course, that of prohibition of the liquor traffic. Remove from it all rubbish of the learned man's vocabulary. It is the bulwark of peace, prosperity, comfort, honesty, good citizenship, enlarged trade, better homes, better schools, society and churches, and a loyal people who will rally to defend national honor. To get rid of the liquor evil will be to get rid of most of the causes of complaints of labor. It will lift where the lift is most needed; it will make better government, as it will make better officials. It will make a better Nation. It is the foundation of prosperity in Kansas, and all States and Nations can have the same.

A. H. GRIESA.
Douglass County.

Dogs Are Good.

EDITOR KANSAS FARMER:—As I read the "Kansas Dogs" article in your issue of January 7, I imagined a smile would come over the face of the chicken-thief or the covered-wagon pilferer if he should read it. We keep two dogs just to bark at strangers. They never attack the stock unless the children are by. They are kept to watch only. I imagine there are more contagious diseases carried by pilferers, wolves, skunks, stray cats, rabbits and rats than by dogs. Such carriers do not like dogs.

C. A. B.
Brown County.



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This wonderful preparation is a liquid smoke, made from hickory wood. It imparts to meats cured with it the delicate flavor that is peculiar to meats smoked with hickory wood. Used by applying the Condensed Smoke with a brush. Send names of 5 who cure meat and we will mail you sample free. Sold only in square quart bottles with metal cap. Never in bulk. At druggists, 75c; sent prepaid, \$1.00, or \$50, if you pay express; price in Canada, \$1.00.

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LIGHT DRAFT. SPREADS ALL KINDS OF MANURE, wet, dry, frozen, light, chaffy, packed or caked. Spreads lime, plaster, wood ashes, cotton-seed and hulls, etc. Can be changed instantly to spread thick or thin. Like the machine is in motion—\$ to \$5 leads per acre. Has the only successful END GATE AND BEATER AND HOOD PROTECTOR IN USE. Made of best material under a POSITIVE GUARANTEE as to quality, capacity and durability. All parts breaking within one year will be replaced without charge. Write for free Illustrated and Descriptive Catalogue—the best and most complete spreader catalog ever published. SMITH MANURE SPREADER CO. 16 & 18 S. CLINTON STREET, CHICAGO, ILL.

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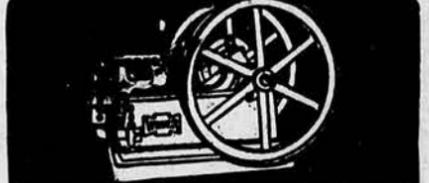
and see our exhibit at the Western Retail Implement and Vehicle Dealers Convention at Kansas City, Jan. 18 to 21, and meet

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Cheaper than wood. Made by the farmer where used. Composed of cement, sand, and cable-wire. Great inducements to agents to work territory. State and county rights for sale. For information write B. F. STULTZ, 266 E. Crawford St., Eikhart, Ind.

THE KANSAS IMPROVED STOCK-BREEDERS' ASSOCIATION.

Continued from page 49.

College of Agriculture, Urbana, Ill.; Col. Chas. F. Mills, secretary of Live Stock Department, St. Louis Exposition; Fred H. Rankin, secretary Illinois Live-Stock Association, Urbana, Ill.; Col. R. E. Edmonson, an eminent live-stock authority, Kansas City, Missouri; L. M. Monsees, president Missouri and Kansas Jack and Mule Association, Smithton, Mo.; and John Boniface, First Lieutenant Fourth Cavalry, U. S. A., Fort Leavenworth. Other papers by Kansas men who are prominent as breeders and whose reputation is not bounded by State lines were presented to the instruction of all who attended.

One entire session of the meeting was given over to the discussion of a program prepared and presented by the members of the Kansas Swine Breeders' Association. Another session was devoted entirely to the horse, jack and mule.

A series of ringing resolutions upon the beef trust, the State fair, and other matters of immediate interest was presented and adopted amid applause. This association is the most potent factor in the wealth production of the State, and when its members present resolutions to the Legislature or to Congress for the good of the live-stock industry and of the State, their influence will be felt to be a powerful one. The feeling of the members as shown during the sessions indicates that every effort will be put forth to see that the more important of these resolutions shall be reinforced by personal effort and influence in their several home communities.

Kansas has a record of a billion dollars worth of live-stock in the last twenty years, and of nearly \$164,000,000 worth in the single year which has just closed and all of it is wealth-producing capital. These figures present the facts which give Kansas the right to a place in the front rank of the live-stock States of the Union. What then can be said of the policy which refuses to give Kansas a State fair where her wonderful resources can be exhibited and her prominence illustrated that she may

assume her rightful position among her sister States? What shall be said of the policy which provides that out of a total appropriation of \$175,000 made by the Legislature for the Kansas exhibit at the World's Fair, but \$10,000 is allowed for the exhibition of her live-stock resources which are the greatest of her available assets? One distinguished speaker from outside the State remarked that when the politicians understood the demand for a State fair and for sufficient recognition at the World's Fair was made in earnest by so powerful a body as the Kansas Improved Stock-breeders' Association, it would be granted in all haste.

The Kansas Improved Stock-breeders' Association closed its greatest session by the election of the following officers for 1904: President, Dr. O. O. Wolf, Ottawa; vice-president, A. L. Sponsler, Hutchinson; secretary-treasurer, H. A. Heath, Topeka; assistant secretary, I. D. Graham, Topeka; directors: J. C. Robinson, Towanda; Chas. E. Sutton, Russell; E. W. Melville, Eudora; H. W. Avery, Wakefield; C. M. Irwin, Wichita.

The closing exercises were followed by a banquet given by the Topeka Commercial Club to the members and their friends at the Throop Hotel on Wednesday evening, January 13. This was a social session greatly enjoyed by all present and a suitable wind-up for a great meeting.

A full report of the proceedings, together with a reproduction of the papers presented and of the toasts given at the banquet will be published in the KANSAS FARMER of February 4, and we predict that breeders and stockmen of the entire Southwest will be glad to preserve that number of the KANSAS FARMER for the many good things it will contain. Following are the important resolutions adopted at the fourteenth annual meeting:

Whereas, Sufficient evidence has been presented to the stock-breeders of Kansas to convince them that there exists at Kansas City and other points an illegal and unlawful combination or trust that has the power to and does depress the price of beef on foot to the great damage and detriment of the breeders and feeders of Kansas and without a corresponding benefit to the meat-consumers of the world, but to the sole benefit of the packing trust; therefore be it

Resolved, By the Kansas Improved Stock-breeders' Association, in its fourteenth annual convention assembled, that Theodore Roosevelt, President of the United States, be hereby requested to call the attention of his Attorney General to this matter and require him to investigate the same to the end that the guilty parties may be punished and the anti-trust laws of the United States be fully enforced.

Resolved, That a copy of this resolution be sent direct to the President of the United States, signed by the President and Secretary of this, the greatest live-stock breeders' association in the United States.

Whereas, It is apparent that the laws of Kansas are ample for the suppression of trusts and combines and the control of all corporate interests; therefore, be it

Resolved, That we call upon Governor W. J. Bailey to secure the enforcement of these State laws by all means at his command and thus aid in fostering the industries which lie at the foundation of our prosperity and throttle the gigantic meat trust which is threatening these industries with gradual extinction; and further be it

Resolved, That a copy of this resolution be signed by the president and secretary of the Kansas Improved Stock-breeders' Association and handed to Governor Bailey.

Whereas, According to the reports of the State Board of Agriculture and of the National Department of Agriculture as well as according to our own knowledge, Kansas stands in the very front rank in the pure-bred animal industry, and therefore should have proper recognition and opportunity at the World's Fair at St. Louis to make a display of what she really is; and

Whereas, The live-stock industry brings more wealth into the State each year than it derives from any other source; and

Whereas, The appropriation of \$175,000 granted by the State Legislature for the purpose of displaying the resources of Kansas at the World's Fair is considered sufficient, if rightly used, to make something of a display of the vast resources of our State and to give ample recognition to the live-stock interests thereof; therefore, be it

Resolved, By the Kansas Improved Stock-breeders' Association that the World's Fair Commissioners from Kansas be urged to meet the necessities of the case by setting aside not less than \$25,000 for the benefit of the live-stock industry at the World's Fair. To this end our committee on the World's Fair and the officers of this association are instructed to use every effort to show the commission how utterly inadequate any less sum would be for the purpose in hand.

Whereas, A measure is now pending in Congress, known as the Shoddy Bill, which requires the manufacturer of so-called woolen goods and every dealer through whose hands said goods shall pass to place upon them a stamp showing what portion of said goods is pure wool or what portion is adulterated; therefore, be it

Resolved, That the Kansas Improved



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Women suffer all about us with headache, backache, loss of energy and spirits, Nervous Dyspepsia and many other ailments which make life almost unbearable. Every woman can be immediately relieved of this suffering if upon the first sign of derangement she would take a dose of BEECHAM'S PILLS.

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Stock-breeders' Association urge the Senators and Representatives in Congress from Kansas to work for and vote for the passage of said shoddy bill this winter.

Resolved, That the members of Congress of the State of Kansas be respectfully asked to prepare, introduce and urge the passage of a law that will place a tax of 10 cents per pound on all shoddy goods manufactured in the United States so as to protect our industry, and our people in the purchase of pure woolen clothes.

Resolved, That the nomination of our worthy member, Colonel J. W. Robinson, for a member of the Board of Railroad Commissioners is hereby recommended without any reference to party politics.

Resolved, By the Kansas Improved Stock-breeders' Association here assembled, that the American Royal Live-stock Show held at Kansas City, Missouri, has proved of great benefit and a success to all breeders of live-stock, and we are therefore in favor of a show again this year, coming as it will after the display of horses, cattle, hogs, and sheep at the Universal Exposition at St. Louis.

Whereas, The work of our State Experiment Station is of great value to the farmers and stock-breeders of the State; and whereas, the station does not at present receive any financial aid from the State, but is supported solely by the United States appropriation which amounts to only \$15,000 annually; and whereas, this amount is not sufficient to properly carry on the work of the experiment station, and since other States are making special appropriations to assist in the work of their experiment stations; therefore be it

Resolved, That we, the members of the Kansas Improved Stock-breeders' Association do hereby recommend to the Kansas Legislature that a special State appropriation be made to assist in carrying on the work of our experiment station.

Whereas, We note with deep regret that the past year's march of time has taken from our midst the following prominent and respected members: W. W. Guthrie, Atchison, Kansas; D. Trott, Abilene, Kansas; and Louis Hothan, Carbondale, Kansas; therefore be it

Resolved, That our association make this expression of its sorrow, and that our sympathies, severally and as a body, be extended to the families of the deceased.

RED POLLED CATTLE-BREEDERS ORGANIZE.

Following the closing session of the Kansas Improved Stock-breeders' Association, the breeders of Red Polled cattle organized the Kansas branch of the Red Polled Cattle Club of America. The officers of the National Club are as follows: President, P. G. Henderson, Central City, Ia.; secretary, J. McLain Smith, Dayton, O. At this first

meeting of the Kansas branch the following officers were elected for this State: President, Wilkie Blair, Girard; vice-president, Mahlon Groenmiller, Pomona; secretary-treasurer, John E. Hinshaw, Emporia; directors: D. F. VanBuskirk, Blue Mound; C. E. Foster, Foster; J. W. Getz, Freeport. Provision was made at this meeting that the association shall meet annually in Topeka at the close of the last session of the Kansas Improved Stock-breeders' Association, or when necessary, at the call of the President. The qualifications for membership include the breeding of cattle registered in the books of the Red Polled Cattle Club of America and conforming to the rules of the organization. The association met with much enthusiasm and encouragement in this their first attempt to organize a State cattle club. Those present at the initial meeting represented a large number of Red Polled cattle. A resolution was passed by the club making the KANSAS FARMER its official paper for the publication of its proceedings and the conveyance of information to its members and the public in general. The association also extended thanks and a vote of appreciation for the courtesies received from the citizens of Topeka in general and for the genuine Kansas hospitality as exhibited by the Topeka Commercial Club, in its banquet. The club accepted the invitation of the Kansas Improved Stock-breeders' Association to be represented on its next year's program and President Blair was assigned to the duty of presenting on that occasion "The Dual Breed—Its Place and Its Possibilities." The annual membership dues were fixed at fifty cents



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and all eligible Red Polled cattle breeders of the State are requested to forward their names, their membership fee, and the number of cattle in their herds to Secretary John E. Hinshaw, Emporia, Kansas.

KANSAS SWINE-BREEDERS' ASSOCIATION.

A business meeting of the Kansas Swine-breeders' Association was held at 1 o'clock p. m., in Representative Hall on January 12, 1904. The officers elected for the ensuing year were as follows: President, James Mains, Oskaloosa; vice-presidents by breeds: For Poland-Chinas, J. R. Killough, Ottawa; for Berkshires, John Manwaring, Lawrence; for Duroc-Jerseys, J. T. Treadway, Iola; for Chester-Whites, D. L. Button, Topeka; for Tamorths, C. W. Freelove, Clyde; secretary-treasurer, C. M. Irwin, Wichita; executive committee, E. W. Melville, Eudora; J. T. Treadway, Iola; F. P. Maguire, Hutchinson; Mr. Spaulding, Richmond; Chas. E. Sutton, Russell. World's Fair Committee by breeds: Poland-Chinas, C. M. Irwin, Wichita; Duroc-Jerseys, J. T. Treadway, Iola; Berkshires, Chas. E. Sutton, Russell; Chester-Whites, D. L. Button, Topeka; Tamworths, C. W. Freelove, Clyde.

By vote the annual membership dues were increased from twenty-five cents to fifty cents. The secretary was authorized to convey expressions of sympathy to retiring secretary, H. W. Cheney, in his present illness, and also to express the appreciation of the association for his work as secretary during the past year. A cordial invitation is extended to all breeders of swine throughout the State to join the association and send their names and annual dues to Secretary C. M. Irwin, Wichita, Kans.

THE CENTRAL SHORTHORN BREEDERS' MEETING.

The annual meeting of the Central Shorthorn Breeders' Association will be held at St. Joseph, Mo., on February 2 and 3. The meeting will be held in the Commercial Club rooms, and the headquarters of the Association will be the Hotel Metropole. The following program has been prepared which is in itself sufficient inducement for attendance. But in view of the fact that reduced railroad rates of one and one-third fare have been secured and of the added fact that a handsome silk banner is to be awarded to the largest State delegation in attendance we predict a large gathering of interested breeders at this meeting.

The program is as follows:

Address of welcome, T. B. Campbell, president of Commercial Club; response, B. O. Cowan; annual address of president, T. J. Wornall; "Short-horn History: Sacred and Profane," F. V. Loos; "Evolution," John Gosling; "The Public Sale Pirate," George P. Bellows; "Shorthorn Utilities vs. Fashion," Prof. C. F. Curtiss; "Judicious Out-Crossings," George Bothwell; "What's in a Name?" A. H. Sanders; "Extension of Trade," Col. W. A. Harris; "Shorthorn Poetry," A. L. Bixby; "Economic Feeding," Prof. F. B. Mumford; election of officers.

THE KANSAS STATE VETERINARIAN MEDICAL ASSOCIATION.

On Wednesday, January 13, at the call of Dr. W. H. Maxwell, of Salina, there assembled in the city council chamber at Topeka, a number of veterinarians from different parts of the State for the purpose of organizing a State Veterinary Association. Officers for 1904 were elected as follows: President, Dr. Geo. C. Prichard, Topeka; secretary, Dr. W. H. Maxwell, Salina; treasurer, Dr. W. T. King, Olathe; vice-presidents, Drs. Monney, Hiawatha; C. B. Kern, Beloit; O. O. Wolf, Ottawa. Executive board: Drs. D. A. Kinsley, Topeka, C. B. McClelland, Lawrence, and T. W. Hadley, Kansas City. Other veterinarians present at the meeting were: Drs. Kirchner and Youngbrother of Topeka, R. C. Moore of the Kansas City Veterinary College, Richards of Emporia, and N. S. Mayo, Manhattan, State Veterinarian. By vote the regular annual meetings will



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be held in January and an adjourned meeting will be held in Kansas City, Mo., on February 15, 1904.

ROOKS COUNTY FARMERS' INSTITUTE.

The nineteenth annual meeting of the Rooks County Farmers' Institute will be held in the opera house at Stockton on Wednesday and Thursday, January 20 and 21. The associate editor of the KANSAS FARMER acknowledges receipt of an invitation to be present for the third time and hopes to be able to accept. Mr. E. Bartholomew, a noted botanist of Rooks County has been prominent in farmers' institute work since its first inception in the State and has been president of the Rooks County Institute during nearly, if not all, of its existence. We notice that our advertiser, Mr. N. F. Shaw of Plainville, has been assigned the topic, "Why I Breed Shorthorn Cattle." Prof. A. Dickens of the State Agricultural College will give an address on "Fighting for Fruit Against Drought, Insects and Diseases." The program is an excellent one and it will be a satisfaction to attend the meeting.

Green Wheat or Rye for Scours in Calves.

EDITOR KANSAS FARMER:—Please tell those farmers who are losing calves from scours to turn them onto green rye or wheat. Last winter I had a bunch taken the same way some have described; and not knowing what else to do for them, I turned them onto a piece of rye about one hour each morning and evening; it brought them through all right. C. W. BROWN. Woodson County.

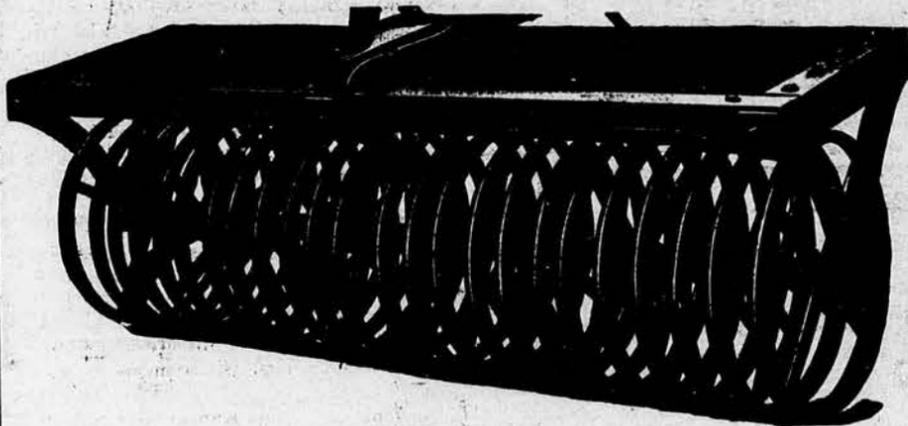
Tarred Paper for Rabbits.

EDITOR KANSAS FARMER:—The season is now at hand when young orchard-trees demand protection from rabbits, and we have noticed lately articles in two or three of the agricultural papers recommending the old preventive by rubbing blood or liver over the trunk and lower limbs of the young orchard-trees. We have, however, found this method very unreliable, for if the rabbits have already had a taste they will usually again commence working on the trees as soon as the smell of the blood is gone, which is not very long, especially should there be rains.

Some twenty-five years ago, when we were just starting in the nursery business, we had a fine block of about 20,000 apple-trees on a piece of bottom-land in the bend of the creek—a good place for rabbits, but a poor place for trees. These were attacked, and we did the rubbing act to perfection, using blood and liver, but they took the entire block before the winter was over. Subsequently we made up about 150 box-traps and each season in September we placed them about the nursery. If the trees at any place showed the work of rabbits we would put in a dozen or more traps in that locality, and we soon caught the varmints and the trouble ceased; but even this method must have careful attention. At present several of the catalogue nursery-men advertise wood-veneers to protect

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trees, but our experience has not been satisfactory with these. Some years ago we used several thousand in our Colorado orchards. As they would warp and split in time more or less, and have sometimes injured trees by chafing, we find that the tarred building-paper gives us the best results. It is cheap and can be easily put on. The roll should be made four to six inches in diameter so as to leave a good air-space next to the tree. This is also a good preventive for borers. We will not catalogue wood-veneers this season. J. A. GAGE.

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How's This!

We offer One Hundred Dollars Reward for any case of Catarrh that can not be cured by Hall's Catarrh Cure, F. J. CHENEY & CO., Props., Toledo, O. We, the undersigned, have known F. J. Cheney for the last fifteen years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm. West & Truax, Wholesale Druggists, Toledo, O. Wadding, Kinnan & Marvin, Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is taken internally,

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Publishers' Paragraphs.

Good seeds, true to name, seeds that will grow when properly planted are of the utmost importance to the production of a profitable garden. You get this kind when you buy of D. M. Ferry & Co., Detroit, Michigan.

We have just received a very handsomely illustrated catalogue of the Racine Hatcher Company, Racine, Wisconsin. In it are shown all their different patterns of incubators and brooders together with some very interesting information as to "How to Make Poultry Pay," "Egg Farming," "Cost and Profit," etc. It is worth owning. Write for a copy.

We call special attention to the 1904 catalogue of Zimmerman's Seed Company of Topeka, Kans., whose advertisement appears in this week's issue. This firm has just issued a splendid catalogue that is a creditable production for this firm. They are making special prices in order to demonstrate their ability to merit a large mail order business. Write them at once for their new Cultural book, which gives plain directions for the culture of garden, field and flower seeds. Watch out for a new announcement next week.

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Shade-trees.

(Continued from page 53.)

wind, consequently requiring less labor for their removal. I think also that few insects collect on or about them. In some of the older cities of the New England States, stately old elms can be seen that are over a hundred years old and are still vigorous and apparently in perfect health. In some cases it is said they form an arch over the street, overlapping so that squirrels pass readily on their branches from one side of the street to the other. The severest cold weather known in the United States has never been known to injure them, and since I have referred to squirrels living among these trees in the East, I will state that in Council Bluffs, Iowa, there is quite a large block of trees, mostly elms, and many gray, black, and fox squirrels are kept there, boxes being put up in the trees as homes for them. In the spring the foliage buds of these trees furnish much food for these attractive little animals.

Shade-trees should not be set so near the residence as to permit their branches to hang over the roof as they will retard speedy evaporation after rainfall and dampness will injure the building as well as the health of the inmates. Elm-trees should probably never be set nearer the house than twenty or twenty-five feet and about the same distance apart in the row. When the trees reach the age of fifty or more years, they are apt, when planted as above recommended, to shade the ground too densely. In such cases, every alternate tree should be removed, leaving a distance of fifty feet between trees, which distance will be quite well shaded by stately old elms. Such parts of the residence

grounds as are to be devoted to floriculture or to ornamental shrubbery should be considered when setting out shade-trees as they will not succeed well if densely shaded.

There is another tree that I call attention to, the catalpa; it is attracting considerable attention, not so much for shade as for timber; yet in locations adapted to its growth I have seen it growing as a shade-tree and it answered this purpose admirably. When set so as not to be crowded by other trees it grows a spreading head, and when in bloom is quite ornamental. I deem it only proper to add that it is by no means likely to prove a success in many parts of Kansas. In the eastern part of the State on rich bottom lands where rainfall is quite abundant most seasons, and along bottom lands where water is near the surface, as along the Arkansas River, it promises to be fairly successful. Near Hutchinson, some thirty miles southeast of where I live, the Yaggy Brothers are growing it successfully; while where I live, the distance to water being about thirty feet, it has not been satisfactory; and farther west on high prairie lands it is almost sure to prove a failure. At Lyons, in Rice County, our county commissioners had two varieties set out in the courthouse square, namely, Tea's hybrid and speciosa, neither of which gave satisfaction on account of a want of moisture.

Alternating the catalpa with osage orange has been recommended; it being claimed that in a few years the catalpa will smother out the osage orange. On my farm the reverse is about to be the outcome of the alternating experiment; for the osage orange grows splendidly, while the catalpa is becoming more sickly each season. The Russian mulberry is also growing splendidly right by the side of it. In view of the fact that many are turning, or are about to turn attention to growing the catalpa, I will state again that on bottom lands where moisture is abundant some success may be with confidence looked for, but on high prairies and far out toward the western part of the State, its culture is almost certain to prove a failure.

The linden or basswood has not to my knowledge been very extensively tried; yet from what I have seen of it in other States I should not hesitate to set out a few trees on bottom land, and if protected by other trees it may succeed; but as a shade-tree proper I do not feel warranted in recommending it. Yet, as stated, on small plats of bottom land, or along hollows where all the ground is not accessible for agricultural purposes, it may prove to be something of a success. I might go on and name trees of many different kinds, but have felt that to name a few of such as have been tested pretty thoroughly would lead to better and more speedily profitable results than to name a long list; and in naming but few, I have confined my list almost entirely to such trees as are likely to prove the most beneficial to persons interested in growing trees not only for shade, but for other purposes as well.

In closing this paper, I will state that I attach greater importance to the elm as a shade-tree than to any other; and for diversified purposes the osage orange, the Russian mulberry, box elder, and black walnut. The culture of all should be thorough until the trees are from four to six years old. The distance to set them apart in the row will depend upon the kind of tree. While the osage may be set out quite close in the row each way, the walnut should not be set nearer than four feet one way by eight the other; the box elder and catalpa may be set about the same and all limbs likely to throw the tree out of balance should be cut off; when the trees begin to crowd each other they should be thinned.

I should not have prepared a paper upon this subject, were it not that I have been a resident of the State for thirty years and have been in most of the counties, and find that while many persons are disposed to set out trees for shade, shelter, and ornament, they tell me that they do not know what to set out in order to insure success. Many have set out trees not adapted

to their locality and have failed. There are others who will not set out shade-trees (nor any other kind of trees), and the most respectable and modest terms that I can use in classifying them is to call them sluggards and advise them to sell out their so-called homes and get out of the country. In fact, a man who will not try to shade and otherwise ornament his home and thereby render it both healthful and attractive is not worthy of a home, and such a character at the head of a family can not be anything better than a stumbling block to them. That housewife who takes no interest in shade-trees or other ornamentation about her home is certainly something of a failure.

Plant-breeding.

J. W. ROBISON, VICE-PRESIDENT STATE HORTICULTURAL SOCIETY, ELDERADO.

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It is true, in the past much skill and means have been expended in the improvement of flowers and fruits and many useful discoveries made and recorded to the benefit and advantage of plant-breeders, but it is only in recent years that scientists and practical growers have applied their knowledge and skilled labor to improve the common cereals, vegetables, and grasses with such beneficial results as to give great promise for the future. When the skilled scientist and practical worker join their forces for improve-

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ment, beginning with a foundation of the best heretofore produced not only in our own country but in all others, and continue the work along well-known lines now fairly well understood, we may reasonably expect to see the same improvement in plants as has been gained in the animal kingdom which has produced from the same foundation the fleet horse of the various graceful and useful gaits; the giant, powerful draft-horse, and the diminutive children's pony, all so well adapted to their especial uses. It is only reasonable to believe we may progress more rapidly in improving plant-growth, as in many species one year represents a generation.

Much has already been done in producing new varieties adapted to widely varying conditions. Some of the improved grains already produced and being still further improved for special uses, it is claimed, may be grown with profit much further west on the semi-arid plains than the older varieties, and others will thrive and mature nearer the equator than former varieties. The extent to which this adaptability may be carried is a problem of the future not now necessary for us to consider. There scarcely appears to be a limit to the increase in produc-

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PATRONS' PRIZE CONTEST

In order to offer an inducement to our patrons to solicit their neighbors to ship to us, we are going to hold a

PATRONS' CONTEST, ENDING MARCH 31, 1904.

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| First prize, Steel Range, value | \$40.00 |
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This contest will close with the end of business March 31, 1904. Ship us a can of cream and make yourself eligible to participate in this contest. Write us for full particulars, including entry blanks, illustrated description of prizes, etc. If you have no separator, send for a catalogue and description of the best separator that is made, the famous, easy-running Empire machine.

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Have you heart trouble?
You have, if you find it hard to breathe after walking up stairs, exercising, etc. If you have pain in your left side, in chest, back or shoulder. If you suffer from cold extremities, pale face, blue lips, dry cough, swollen ankles.
If you have fainting spells, breast pang, palpitation, redness of the face, discomfort in sleeping on one side.
The only scientific treatment for this whole train of troubles is Dr. Miles' New Heart Cure.
Dr. Miles' New Heart Cure is the prescription of a famous specialist, whose great success in treating obstinate nervous heart disease has made his name pre-eminent in the medical and scientific world.
The medicine will cure you. We know it. We want you to prove it. If first bottle does not benefit, your druggist will give you back your money.
"I have for several years suffered at times with heart trouble. I got so bad I could not sleep half the night, and had to sit up on the side of the bed lots of times to get breath. Three of my brothers have died of heart trouble, and I thought I was going the same way, but about two and a half years ago I got a pamphlet about Dr. Miles' New Heart Cure and thought I would try a few bottles. After using them I recovered, and have had better health since then than before for several years. I can heartily recommend them for heart trouble."—REV. JERRY HURT, Pastor Baptist Church, Hurt, Kans.
FREE Write to us for Free Trial Package of Dr. Miles' Anti-Pain Pills, the New Scientific Remedy for Pain. Also Symptom Blank. Our Specialist will diagnose your case, tell you what is wrong, and how to right it. Free. **DR. MILES MEDICAL CO., LABORATORIES, ELKHART, IND.**

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tiveness and improved quality for specific uses to be gained by the skilled and persevering plant-breeder.

The corn-plant is probably one of the most readily improved of our cereals by growing on favorable soil, in favorable climate and practicing the latest, best-known methods of plant-breeding. The following practice, if adhered to, will do much good in this line: Procure the best possible seed for your latitude, soil, and purpose for which you wish to grow it. If you chance to be located in a district that is subject to a hot sun and hotter wind, and sometimes accompanied by drouth, by all means try to get seed somewhat acclimated to these conditions. The seed should be of a variety suitable for your purpose and the length of season in your locality. Plant carefully; thin down to a stand to give vigor for each plant, for improvement is not likely to come on a weak or dwarfed stalk. Good culture is indispensable, and before silk or tassel appears cut out or detassel all weakly or barren stalks, and detassel all partially barren or nubbin stalks, leaving only the fruitful, productive stalks to bear tassel. In gathering seed to still further improve and fix the type of variety, great care must be taken in selecting for future plantings, and each ear should come from a stalk with strong and vigorous root and plenty of foliage. The ears should be well filled on butts and points, symmetrical in form and tapering only moderately towards the point; kernels deep and closely fitted on cob, with little space between the rows; germ well developed, indicating vigor to reproduce itself.

This method, pursued for a few years, will eliminate nine-tenths of the barren stalks in a field and add greatly to the yield and value of the crop. The practice described seems very simple and easy to carry to a successful issue.

Selection of seed and culture must all be done in a proper manner and at the proper time, or little improvement will be gained. The cutting out of barren stalks and detasseling must be attended to before pollen forms on the tassel, for in this is one of the main steps to improvement.

Of course the breeding-plot or field ought to be widely separated from other corn, especially from fields growing a widely different variety. The pollen is liable to be blown by the wind to near-by fields, and to be carried by beetle, bug, moth, butterfly and the honey-bee. The latter has been the most troublesome with me, and in gathering seed for the following year's breeding-plats, all kernels showing any signs of mixture from this source will be picked out and rejected before the ear is shelled. If the plat has been a quarter to a half mile from other corn, the mixture is likely to be only in a few kernels.

The same general principles will apply to breeding other species of plants, but some are much more difficult to cross-fertilize. Wheat, for instance, rarely cross-fertilizes as ordinarily grown, but usually requires careful assistance by hand to cross-fertilize. Our common clovers, especially alfalfa, and the sorghums, both saccharine and non-saccharine, are plants that especially promise rich rewards to the intelligent breeder who may select the best heretofore produced and skillfully apply the best-known methods in plant-breeding. A few succeeding generations will produce such increases of saccharine in sorghum and sugar-beets, and so enhance the feeding value of alfalfa and Kaffir-corn as to make these valuable and useful plants of still greater use and profit, and that, too, in the near future, which will also tend to greatly extend the area of their profitable culture. We can reasonably surmise that the advance along these lines in the past fully justifies us in the belief that at an early day our experiment stations, agricultural colleges, enterprising individuals and private corporations will accomplish greater results along this line, which will be realized in a time not far distant.

A Milo (Me.) taxidermist has secured a black woodchuck and wonders if another of that kind has ever before been found in Maine.



Miss Gannon, Sec'y Detroit Amateur Art Association, tells young women what to do to avoid pain and suffering caused by female troubles.

"DEAR MRS. PINKHAM:—I can conscientiously recommend **Lydia E. Pinkham's Vegetable Compound** to those of my sisters suffering with female weakness and the troubles which so often befall women. I suffered for months with general weakness, and felt so weary that I had hard work to keep up. I had shooting pains, and was utterly miserable. In my distress I was advised to use **Lydia E. Pinkham's Vegetable Compound**, and it was a red letter day to me when I took the first dose, for at that time my restoration began. In six weeks I was a changed woman, perfectly well in every respect. I felt so elated and happy that I want all women who suffer to get well as I did."—MISS GUILA GANNON, 359 Jones St., Detroit, Mich., Secretary Amateur Art Association.

It is clearly shown in this young lady's letter that **Lydia E. Pinkham's Vegetable Compound** will certainly cure the sufferings of women; and when one considers that Miss Gannon's letter is only one of the countless hundreds which we are continually publishing in the newspapers of this country, the great virtue of Mrs. Pinkham's medicine must be admitted by all; and for the absolute cure of all kinds of female ills no substitute can possibly take its place. Women should bear this important fact in mind when they go into a drug store, and be sure not to accept anything that is claimed to be "just as good" as **Lydia E. Pinkham's Vegetable Compound**, for no other medicine for female ills has made so many actual cures.

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"DEAR MRS. PINKHAM:—I cannot praise your wonderful remedies enough, for they have done me more good than all the doctors I have had. For the last eight years and more I suffered with female troubles, was very weak, could not do my housework, also had nervous prostration. Some days I would remain unconscious for a whole day and night. My neighbors thought I could never recover, but, thanks to your medicine, I now feel like a different woman.

"I feel very grateful to you and will recommend **Lydia E. Pinkham's Vegetable Compound** to all. It has now been four years since I had the last spell of nervous prostration. I only weighed ninety-eight pounds at that time; now I weigh one hundred and twenty-three. "I consider your **Vegetable Compound** the finest remedy made. Thanking you many times for the benefit I received from your medicine, I remain, Yours truly, **Mrs. J. H. FARMER, 2809 Elliott Ave., St. Louis, Mo.**"

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Ten varieties of pure-bred poultry. Catalogue and price-list sent free. Address

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Three hundred choice Light Brahmas, sure to please our customers. Write for what you want and we will make you prices that are right for the choice stock that is offered, these are the best lot of Brahmas we have ever offered. Eggs in season. Address F. W. Dixon, Holton, Kans.

1,000 HEAD OF PURE-BRED POULTRY.

Over 300 prizes won in last two years on my poultry. 600 head of Barred, Buff and White P. Rocks, S. L., Buff and White Wyandottes, Black Langshans, Buff Cochins, and S. C. Brown and White Leghorns, 200 Pekin, Rouen, White and Colored Muscovy ducks, Toulouse and Emden geese. 200 M. B. and W. H. E. turkeys of heavy weight. Write for prices. GEO. A. HEYL, Washington, Ill.

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Three Grand Yards of the Best Strains in the Country

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The Poultry Yard.

CONDUCTED BY THOMAS OWEN.

Coming Poultry Shows.

January 25-27, Atchison, W. G. H. Frasier, secretary; C. H. Rhodes, judge.
January 27-30, 1904, Emporia, L. G. Alvord, secretary.
February 1-3, Manhattan, Geo. C. Wheeler, secretary; C. H. Rhodes, judge.
February 4-10, Manhattan, Kansas State Agricultural College Poultry Institute, Prof. Geo. U. Wheeler, superintendent; C. H. Rhodes, instructor.
December 7-12, Newton, R. R. Hobbie, secretary; F. W. Hitchcock, judge.

Roup.

EDITOR KANSAS FARMER:—In one of your late copies a lady asks for a remedy for roup. I have cured it in its worst form at three different times by putting a few drops each of turpentine and coal-oil in their drinking-water every day, and if I think necessary I put a few drops of this medicine in dough and give them; but first of all keep the chickens from cold draughts. Atchison County. MRS. K. F. B.

Poultry Queries.

Through the query column of the KANSAS FARMER I ask:

1. Which is the better way to feed winter layers alfalfa or clover, in the morning mash or as roughness, giving it them in the scratching-pen?

2. Would you allow hens free range at this time of the year?

Oklahoma. C. Z. CURLEE.

Answer.—The better way is to feed the alfalfa or clover in the mash. By scalding with hot water it turns them to almost their original freshness. It does no harm, however, to have plenty of clover- or alfalfa-leaves in the scratching-pen. Free range is preferable at all times, provided the weather is not too severe for them to be out. They should not be allowed out in the snow or in very cold, sloppy weather.

Mating Fowls.

EDITOR KANSAS FARMER:—Will you please answer the following question: Is one good, sturdy tom enough for ten turkey hens? DE. J. P. ROBINSON. Arapahoe County, Colo.

Answer.—One good tom is enough for ten hens. Too many hens, however, should be avoided. One union is sufficient to fertilize all of the eggs in one laying of the turkey hen, and hence it has been said that the number of hens to one turkey cock may be unlimited. The best breeders, however, find that as the number of hens allowed one bird approaches a dozen, the chicks show a falling off in constitution; and the number should therefore never be over a dozen. A tom may be used for breeding at two years old, and the hen at twelve months, but are not in their prime till a year older. A common mistake is made in mating stock that is too young.

How Feed for Egg-production.

EDITOR KANSAS FARMER:—Will you please answer a few poultry questions through the columns of your paper?

I am a farmer's wife and am an interested poultry-raiser. I have about 200 Barred Rocks and I want to know what to feed them to make them lay. Like all farms where there is stock full-fed, there is grain in abundance for them. They have all the corn and Kafir-corn they want, and some oats and wheat. What can I feed them for a morning meal that will make them lay?

I have ordered a green-bone cutter and will feed green bone when I can get it, also some vegetables. They have green wheat to run on. What constitutes "good grit?" Some people pound glass and crockery for their poultry. Do you consider it good? Do chickens need sharper grit when green bone (cut as a Humphrey & Son cutter cuts) is fed? If the grit in coarse sand is too dull, how would it be to pound up the coarser pebbles? I believe these are questions which would interest many, as there are lots of farmers' wives whose chickens run at large who would like to know what to feed for eggs under these circumstances. A SUBSCRIBER'S WIFE.

Answer.—Your questions are impor-

tant ones and no doubt many other farmers' wives will be interested in their solution. Fowls that have all the grain they want are apt to get too fat to lay, and the remedy is to give them something to counteract this abnormal fatness; then, after getting them into proper condition for laying, to keep them so. We would, therefore, feed them as bulky as food as possible in the morning, without any or very little fattening qualities: If you have clover or alfalfa, cut it in half-inch lengths; pour boiling water over it; mix bran with this till it is crumbly; add a little linseed-meal or oil-cake meal to each mess, and a little salt also, to make it more palatable. If the fowls will not eat enough of this mixture, put in some corn-meal and they will eat it then. Have them eat their fill of this before they can get to the grain outside and we are pretty sure it will start them to laying. If you have a beef's head, or lights and liver and could make a soup of these to scald the clover with, in place of water, it would be still better. If you have no feed-cutter for cutting the clover or alfalfa, you can take the alfalfa hay and shake out the leaves, which will answer the same purpose. The cut green bone that you purpose giving them will help materially in reducing their fatness and increasing egg-production, as we consider green bone to be among the best egg-producers we have. "Good grit" is any kind of sharp, hard stone; the harder the better. Broken crockery answers very well. We have heard of persons losing some chickens by feeding broken glass, but we have fed it without any bad results. We think the trouble may come sometimes from swallowing too large a piece of glass, when it may penetrate through the crop. It would be all right to cut up coarse pebbles; the only objection to the pebbles and sand are that they are too smooth and will not grind the feed as readily as the rough stones will. Chickens do not need as much or as sharp grit when feeding green cut bone as when feeding corn. In fact, the bone acts as a kind of grit itself. We thank you for asking these questions, for we like to answer questions that are so intelligently put as yours were, and especially questions whose answers are likely to benefit a number of our readers. Do not forget the "linseed-meal," for we prescribed that to get rid of the extra fat in your fowls, and it may be that that is just what your fowls and your neighbors' fowls are lacking to induce them to lay.

Notes.

N. J. SHEPHERD, ELDON, MO.

If a brood of ducklings two or three weeks old, or even considerably older, is allowed to remain exposed during a chilling storm for two or three hours, the weak ones will begin to collapse as soon as their down is pretty well drenched.

With the laying hen, whole wheat is one of the best grains that can be fed; but as with all grains, the best returns can be secured by feeding in connection with other materials. If fed too exclusively, it will make them too fat to lay well, but used with other grains gives good results.

Among thoroughbred poultry there is little difference so far as their economical points are concerned; but on a farm, a solid, strong, and coarse breed is best; fowls that can bear the summer's heat and winter's cold, that are self-reliant and able in a large measure to look out for themselves, that will lay well and produce marketable flesh when sold.

One advantage with geese is that they can be raised in large flocks, and if given good pasturage and plenty of water, will take care of themselves all through the growing season. But if they are kept, it will pay to keep the large breeds like the Embden. The advantage with the Embden is that the feathers are all white.

With the large breeds especially, it is important that the perches be low; two and a half feet from the ground is high enough. The principal objection to high roosts is that they tend to cause bumble-foot among the fowls. In coming down from roosts, the feet,

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

\$80 A MONTH SALARY And all expenses to men with rigs to introduce our Guaranteed Poultry and Stock Remedies. Send for contract; we mean business and furnish best reference. G. R. BIGLER CO., P. O. Box 51, Springfield, Ill.

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

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and ALMANAC for 1904, contains 216 pages with fine colored plates true to life. It tells all about chickens, their care, diseases, and remedies. All about INCUBATORS and how to operate them. All about poultry houses and how to build them. It is really an encyclopedia of chicken and no one can afford to be without it. PRICE ONLY \$1.50. Write for it. C. SHOEMAKER, Box 648, FREEPORT, ILL.

VICTOR Incubators

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

30 DAYS TRIAL 5 Years Guarantee OLD TRUSTY Incubators.

Good, honest incubators made by Johnson, the incubator man. 3 walls, 2 dead air spaces, improved copper heating system. Will use about 1/2 as much oil as the old makes. Price \$10.00 for 120 egg size, other sizes in proportion. Quick shipments a specialty. Johnson will send you his new incubator and poultry advice book. It shows how to keep your egg records. Write for it today. It's free. M. M. JOHNSON, CLAY CENTER, NEBRASKA.

SEWARD, NEBR., Dec. 8, 1903. M. M. JOHNSON, Esq., Clay Center, Neb. DEAR SIR: Yes, OLD TRUSTY can be trusted. The machine has hatched for me every fertile egg. It is easily operated. Yours truly, T. L. NORVAL.

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of the highest quality, write to Royal Inc. Co. LIST OF WINNERS. S. C. & R. C. Brown and White Leghorns, Barred, White and Buff Plymouth Rocks, Light Brahmas, Black Langshans, Pekin Ducks, Bronze Turkeys, Embden and Toulouse Geese. Incubators and Brooders. Aren't those that are good enough to try before paying for, worth considering? That's the kind we make. Send for Free illustrated catalogue of Poultry and Incubators. Royal Inc. Co., Dept. 83 Des Moines, Iowa.

Counting Chicks Before Hatching is not safe unless you have an

IOWA ROUND INCUBATOR R. C. Bauermeister, Norwood, Minn., got 493 chicks from 563 eggs. He followed directions, the machine did the work, because it was built on right principles and by good workmen. The IOWA has fiber-board case, does not shrink, swell, warp or crack. Regulation and ventilation perfect. Our free book gives more testimonials and full particulars. Everything about incubation free. IOWA INCUBATOR COMPANY, BOX 157, DES MOINES, IOWA

striking the ground hard, are apt to become bruised or from the violence of the fall, small stones may be forced through the skin of the balls of the foot and cause serious sores.

The pullet hatched in the spring, say in April or May, will often begin to lay when she is six months old, but she will not be fully matured until she arrives at the age of one year. The consequence is that while she will lay she will be growing at the same time and is therefore not competent to produce eggs that will produce the best results when used for incubation. Her powers are doubly taxed and her offspring will freak unless she is mated with a vigorous, strong and active cock.

The Veterinarian.

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

Bloat in Cattle.—Please give as explicit directions as possible for tapping cattle that are bloated from eating corn-stalks. C. E. C.

Manchester, Kans.
 Answer.—Bloating on corn-stalks is caused by indigestion due to eating a large amount of indigestible corn-fodder. It is rarely necessary to tap them, as bloating from this cause is seldom dangerous. If the animal is confined with front feet much higher than the hind feet, a bit or rope daubed with pine tar placed in the mouth, or a handful of salt thrown back on the tongue, will usually relieve it. Turpentine in two-ounce doses, mixed with oil and given as a drench is also good. If necessary to tap, the animal should be tapped on the left side, with a medium-sized pocket-knife blade; the incision should be about half way between the point of the hip and the last rib. The animal is usually bloated so that these landmarks can hardly be distinguished, but by looking on the opposite side it can be generally located. If you tap over the prominent part of the bloat you can't miss it. A small tube or quill inserted and kept in place until the gas escapes is valuable to prevent the wound closing at once.

Dry Quarter of Udder.—I have a Jersey heifer fresh two weeks with first calf; the right front teat is dry. Her udder was badly caked for several days after calving, but seems to be all right now except this teat. There is no obstruction in the teat, as a little milk can be drawn; but there is a hard lump, larger than a walnut an inch or two above the teat in the udder. Can the milk-flow be restored in this quarter? W. D. C.

Edwardsville, Kans.
 Answer.—I don't know. It will depend upon whether the lump is an obstruction which prevents the escape of milk from the ducts leading into the glands. I would suggest that you bathe the part for twenty minutes twice daily with hot water, rub dry and apply a little ointment made by adding a tablespoonful of turpentine to two-thirds of a cup of fresh lard and mixing it thoroughly; this should be well rubbed in. This quarter of the udder should be hand-rubbed and kneaded and the milk should be stripped from it just as much as possible. It may be that the lump will form an abscess that will have to be opened.

Paralysis in Sow.—I have a fine Duroc-Jersey sow that farrowed five pigs three weeks ago, and seemed to be doing nicely. Yesterday I let her out for some exercise. About 2 o'clock I noticed her sitting down in one place for

ZENOLEUM

Famous COAL-TAR Carbolic Dip. For general use on live-stock. Send for "Piggies' Troubles" and "Zenoleum Veterinary Advisor" and learn its uses and what prominent stockmen say about it. Books mailed free. All druggists, or one gal., express paid, \$1.50; 5 gal., freight paid, \$6.25. ZENNER DISINFECTANT CO., 61 Bates St., Detroit, Mich.

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make the trip from any point East to any point West quick, comfortable and inexpensive. A postal card to this office will be the means of placing before your friends who are contemplating western trips information that will be most useful to them. If you desire, you can pay the money at this office for their tickets, and prompt delivery of the tickets direct to them will be made.

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P. S.—Between Kansas City and Chicago, the train of trains is The Southwest Limited of this line. Leaves Kansas City, Union Station, 5.55 p. m., Grand Avenue, 6.07 p. m. Arrives Chicago, Union Station, 8.55 a. m.

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

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E. C. FOWLER,
 427 Shawnee Ave., Topeka, Kans.
 has Black Langshan cockerels for sale, by prize winning sires at Chicago, St. Louis, and Kansas City, 1903 shows. Had 46 birds at Topeka 1904 show. Took sweepstakes for largest display in Asiatic class. All birds scoring over 91 points. Has made a specialty of this breed for past 12 years.

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Forty Buff Plymouth cockerels of Burdick strain. Every bird will score from 89 to 91 points. Pen at Topeka show Jan. 1904 scored from 89 to 92 points. One cockerel and five hens, weight from 8-lb. cockerel to 6-lb. hens. Homer Davis, Walton, Kans.

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1st cockerel and 1st pen at the Kansas State Show. Cockerels for sale (with score-card by Rhodes.) Write me what you want and I will try to please you.

Rolling Prairie Poultry Farm,
 Onaga, Kans.
F. A. BROWN.

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VIA

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On the first and third Tuesdays of each month, viz., February 2d and 16th, March 1st and 15th, and April 5th and 19th, round-trip tickets, twenty-one days limit, at rate of one fare plus \$2; also special one-way colonist tickets will be sold to Arkansas, Louisiana, Indian Territory, Oklahoma and Texas and to western Kansas and eastern Colorado points.

Full information cheerfully furnished on application to:

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

Peters & Skinner, North Topeka, Kansas.

some time and on investigation found she had no use of her hind parts. There was no other stock near, so she could not have gotten hurt. What is the matter, and can she be cured?

Hesston, Kas. P. J. B.
 Answer.—The trouble with your sow is paralysis; it is very frequent in swine and the cause is unknown. I would advise cutting down her feed, giving her some milk and slops of bran and shorts, but do not feed her heavily. Rub her back, over the loins, and top of the hips thoroughly twice daily with a liniment composed of two ounces of turpentine, two ounces of ammonia and four ounces of raw linseed or neat's-foot oil. Give her some salt in her feed twice daily for a few days. Hand-rub the hind legs and make her as comfortable as possible.

Paralysis in Pigs.—Please tell me what the trouble is with my pigs. They are about four months old and seem to be weak in the back or hind legs. They first stagger in the hind parts and get worse until they can not get around at all. H. E. B.

Answer.—See answer to P. J. B., above. Give them the same kind of food, but feed them very lightly.

Sore Necks.—I have been troubled a great deal in the last few years with my work-horses getting sore necks when working on implements with tongues. I try to have the collars fit well, being careful that they are not too short. One case in particular is a 10-year-old mare that has a sore neck; it heals up, but when worked, gets sore but not raw. There seems to be a lump that hurts when pressed. A. G. M.

Cottonwood Falls, Kans.
 Answer.—I am afraid that your collars are too long and generally too large; a collar should fit snugly, particularly at the top, so that it will not slip from side to side with the movements of the tongue. Be sure and keep weight off the tongue, and see that the tops of the collars are smooth and clean. The mane should be kept clipped off. At noon and at night wash the necks off clean and apply some white lotion made by dissolving an ounce of sugar of lead and six drachms of sulphate of zinc in a quart of water. Before starting to work in the morning and at noon dust the top of the neck thoroughly with some finely pulverized air-slaked lime; this should be pulverized in a mortar until it is free from all grit. Punch some holes in the top of a baking-powder can and use it as a pepper-box to dust it on. The lumps you speak of are commonly called collar boils. The best treatment is to remove these lumps surgically, and allow them to heal thoroughly before the horse is put to work.

Ailing Bull.—I have a White-face, 18-months old bull; in good condition un-

Rheumatism Cured Through the Feet

The success of Magic Foot Drafts has been so great that the makers have decided to send them

FREE—On Approval.

We want everyone who has rheumatism to send us his or her name. We will send by return mail a pair of Magic Foot Drafts, the wonderful external cure which has brought more comfort into the United States than any internal remedy every made. If they give relief, send us One Dollar; if not, send nothing.



Magic Foot Drafts are worn on the soles of the feet and cure by absorbing the poisonous acids in the blood through the large pores. They cure rheumatism in every part of the body. It must be evident to you that we couldn't afford to send the drafts on approval if they didn't cure. Write today to the Magic Foot Draft Co., F. F. 23, Oliver Bldg., Jackson, Mich., for a trial pair of drafts on approval. We send also a valuable illustrated book on Rheumatism.



til December 23. I noticed that his left jaw was swollen to his nose and under his throat. He lay around three days without eating or drinking anything. Then the swelling subsided, but he became sore and stiff, particularly in the left front leg. He is very thin now and eats and drinks but little. He stands humped up and I can hardly drive him out of a walk; when he walks he cripples along and can hardly move. What can I do for him, and what is the trouble? Box 150.

Holyrood, Kans.
 Answer.—I think your bull has been foundered; that is, he has inflammation of the sensitive structures of his feet, probably of the front feet. I would advise applying hot cloths to his front feet for an hour twice daily, wiping dry and applying to the coronets (top of the hoofs) a mixture of two ounces of turpentine in four ounces of fresh lard; it should be well rubbed in. Give him a tablespoonful of saltpeter dissolved in water, as a drench, twice daily for two days, or possibly three, if he continues to improve. Give him a little alfalfa hay and bran mashes to loosen his bowels.

Scours in Calf.—I have a pure-bred Shorthorn calf, 3½ months old, that has been scouring for six weeks. The calf did well, sucking the cow until it was five weeks old, when it began to look badly and I took it away from the cow and gave it fresh milk from another new milch cow. I tried castor oil, raw eggs and blood meal, but it bloats every time, so I quit. The droppings are white as chalk and thin as water. It drinks about two quarts of new milk twice daily, but eats no hay or grain. It grinds its teeth and eats dirt, etc. What is the disease, and what can I do for it? OLD SUBSCRIBER.

Sabetha, Kans.
 Answer.—Your calf has what is commonly called "white scours." I would advise giving it a quart of milk three times daily to which is added a pint of parched flour gruel, made by boiling parched wheat flour and water; make the gruel thin. Place some salt and air-slaked lime where the calf can lick it. Give him three times daily two teaspoonfuls of laudanum and a tablespoonful of essence of Jamaica ginger in half a pint of moderately hot water. Gradually increase the amount of milk and gruel as he improves.

Swelled Legs.—I have a 16-year-old mare due to foal the middle of March. Her legs have begun to swell from the hocks and knees down and she seems to be stiff. Have been feeding her oats, oat straw and alfalfa.

Douglass, Kans. W. C. J.
 Answer.—The swelling of the legs is caused by poor circulation. Do not give her any oats straw, but mix one-third bran with her oats, and give her a small quantity of bright alfalfa hay. Give her a tablespoonful of saltpeter two or three times a week, and bathe her legs with hot water for fifteen minutes once daily and rub dry. Give the legs lots of hand-rubbing, and the mare a moderate amount of exercise. I think the trouble will disappear as soon as she foals.

Used for Years Successfully.
 Louisville, Ky., Nov. 12, 1903.
 Dr. B. J. Kendall Co., Enosburg Falls, Vt. Gentlemen—I have used your Kendall's Spavin Cure on all of my horses for years for lameness and sprains, and all ailments of the horse, and it is unsurpassed by any remedy I have ever used. I would advise every man who has a horse to keep it in the stable in case of accident of any kind. You can publish my statement if you wish. Please send me a copy of your "Treatise on the Horse and His Diseases." Yours truly,
 HENRY KNEFFLER.

Ear Labels.
 The custom of identifying each individual animal by means of ear labels and other devices has become so general and popular that few stockmen of prominence neglect it. Many good reasons for the practice, together with the handiness and economy of the best ear-marks should induce every stockman to

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VACCINATE your cattle with **Blacklegoids**—the simplest, safest, surest preventive of Blackleg. Each **Blacklegoid** (or pill) is a dose. Administration with our **Blacklegoid Injector** is performed in one minute. We establish the purity and activity of our **Blacklegoids** by rigid tests upon animals. For sale by druggists. Write us for literature—free on request.

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 Although our horses are better our prices are lower than can be obtained elsewhere in America. If a stallion is needed in your locality write us. Catalogue sent on application.

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SEED CORN, FIRE-DRIED, PURE-BRED.

Cut out this advertisement and return to us and we will send you free a copy of the most complete, illustrated, descriptive seed corn catalogue ever printed. It fully describes all the leading and best varieties of corn, which will double your yields. Ears 12 to 15 inches in length, weigh 1-2 to 2 pounds each. Don't lay this paper down until you have sent for one of these catalogues. It will mean dollars to you. **J. B. ARMSTRONG & SONS, Shenandoah, Iowa.**

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 We make all kinds of Lawn, Farm, Park and Cemetery Fence, and **SELL DIRECT TO YOU** at manufacturers' prices. **SAVE AGENTS' COMMISSION** by writing for our **FREE CATALOGUE.**
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adopt some system of marking. The firm of F. S. Burch & Company, Chicago, makes a specialty of this particular business and offers a full line of the most approved devices.

The Buff Plymouth Rocks

At Gem Poultry Farm

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

No Better Buffs Can Be Found.

Eggs from my two best pens, 15 for \$2; 30 for \$3.50. They are in the \$5 class. A few good cockerels for sale, \$1 to \$2. Mammoth Bronze turkey eggs, 11 for \$2.

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FREE SEEDS
 VEGETABLE AND FLOWER.
 We will send our 1904 catalog and one packet each Lettuce, Radish and Onion; also 75 varieties of flower seeds; Phlox, Sweet Peas, Pansies, etc., in a coupon envelope, which will be accepted as 25c, if returned with an order from our catalogue. All for 10c to pay postage.
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NATURE'S REMEDY Pocket Inhaler
 Cures catarrh, colds, headache, neuralgia, stops toothache, relieves asthma and hay fever. Sample 25 cents.
Favorite Supply Co., Cleveland, Ohio.

BIG MAGAZINE one year free to quickly introduce it. As good as Harper's, Munsey's, Ladies' Home Journal, or McClure's. Send 10 cents to help pay postage.
AMERICAN STORES, Dept. 8, F., Grand Rapids, Mich.

Gossip About Stock.

(Continued from page 55.)

book is \$1.00, but we will furnish it and the Kansas Farmer for one year, both for \$1.50.

F. H. Schrepel, Ellinwood, Kans., proprietor of the Cheyenne Valley Stock Farm of Percheron horses and Poland-China hogs, in a recent letter, states that the new year has started in with good business, and he has made several sales and has splendid inquiry, and if business keeps up at the present ratio his surplus stock will soon be gone.

First importation for 1904.—The first importation for the year of 1904 of the La Fayette Stock Farm, LaFayette, Indiana, arrived in New York from Europe on January 11, and comprized a fine lot of stallions, which this well-known firm is famous for. There can now be seen on the farm the greatest lot of high-class Percheron, Belgian and German Coach Stallions in America. The prices are right; address J. C. Crouch & Son, LaFayette, Indiana.

Swine-breeders are now getting splendid results by properly advertising in the Kansas Farmer. Mr. J. W. Ferguson, of Vinewood Park Farm, Topeka, with an investment of \$3.80, received cash from mail orders exceeding \$450. And in a recent letter says: "I certainly am well pleased with results and believe the Kansas Farmer will find buyers for any class of live stock if judiciously advertised, intelligently and honestly described, and priced right."

Senator John T. Chaney, of Topeka, is announcing his candidacy as State Senator for a second term. It will be remembered that Senator Chaney was quite active in getting the passage of the State Fair measure, through the Senate of last legislature, and proposes to stay by the right in that direction and therefore expects the farmers of Shawnee County who are interested in having a State Fair at Topeka to support him at the next Shawnee County Republican Convention.

We direct attention to the Johnson County Jack Farm, owned by G. A. Fewel, of Leeton, Mo., whose advertisement appears regularly in the paper. Mr. Fewel states that he has on hand an extra fine lot of big black jacks with white points. The kind that sire the big Missouri mules. They are large bone, heavy bodied, with fine head and ears and good style and action. He also has a few registered trotting horses, and his prices will be very low on all this stock, and everything will be guaranteed as represented.

We are in receipt of a letter from A. B. Mathews, of Kansas City, announcing special round trip rate to the dispersion sale of Galloways to be held at Goodrich, January 28. The M. K. & T. Ry., is making a rate of \$2.60 from Kansas City to Goodrich and return, with free entertainment while there, and on account of the depression in the cattle market the opportunity to buy registered Galloways at a low figure will be had. These cattle are all of the good reliable old type and should attract the attention of shrewd breeders.

W. E. Nichols, of Sedgwick, Kansas, breeder of large and fancy Poland-China hogs, has quite a number of splendid individuals for immediate sale, which he will close out at bargain to quick buyers. His offering includes eight extra choice boars that are from extra large, heavy bone, deep bodied, stylish dams, and suitable herd-headers. They are sired by Clever's Perfection, and their dams are producers of large litters. The ready bargains for buyers this week may be had of Mr. Nichols. Write him for detailed information.

The Oklahoma Improved Stock-breeders' Association has decided to hold a combination public sale of pure-bred cattle and swine at the time of the Oklahoma Cattlemen's Convention, which will be held at Oklahoma City, February 23, 24 and 25, next. It is also planned to hold a live-stock show in connection with this meeting and sale, and Mr. E. E. Alkire, Lexington, O. T., has been placed in charge of arrangements and from him breeders who desire to sell or show may obtain information. All are invited to furnish animals for either the show or the sale.

The Kansas Farmer is just in receipt of one of the handsomest and most magnificently illustrated private catalogues of draft and coach horses that has ever been received here. This catalogue is issued by Frank Iams, St. Paul, Neb., who now has 147 head of Black Percherons, Royal Belgians, German and French Coach stallions in his barns. Mr. Iams has won prizes so often that he has got in the habit of it. He has won first prizes at the Illinois, Iowa, Nebraska and St. Louis Fairs, and the Omaha Exposition. He has won the herd prize for the best lot of horses at the Nebraska Fair for six years in succession. He has more first-class stallions on hand than all other breeders in Nebraska together, and his Percherons are ninety-five per cent black and fifty per cent "ton" horses. Write to him for a catalogue, and look at the pictures in it. It will make you buy. His address is over on page 70.

The four days' breeders' combination sale at Wichita, Kans., February 2, 3, 4 and 5, 1904, opens up with a sale of fifty head of Percheron stallions and mares, and a few Shires, contributed by J. W. & J. C. Robinson, Towanda, Kans.; Snyder Bros., Winfield; Chas. L. Covell, Wellington, and Henry Avery & Son, Wakefield, Kans. On February 2 the Shorthorn sale will consist of choice selections from the herds of T. K. Tomson & Sons, Dover; J. W. & J. C. Robinson, Towanda, and J. F. Stodder, Burden. On February 4 the Hereford sale will be held and the contributors to this will be Robt. H. Hazlett, W. L. Bass and J. Conde, of Eldorado. The series of four days' sales will close with the public sale of Poland-Chinas from the notable herds of Elm Beach Farm, Wichita; H. E. Lunt, Burden, and Snyder Bros., Winfield. The Poland-Chinas are from the principal show herds of the State, and will be an exceedingly attractive offering. This is the third annual breeders' combination sale held at Wichita, and reduced rates have

Special Want Column

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

ANNOUNCEMENTS.

I HEREBY announce myself as a candidate for re-nomination as State Senator for a second term for the Seventeenth Senatorial, Shawnee county, district, subject to the Republican county primaries. John T. Chaney.

I AM a candidate before the Republican primary for County Attorney of Shawnee county. W. H. Cowles.

CATTLE.

FOR SALE—A fine lot of red Shorthorn bulls, from 10 to 20 months old; part of them are non-registered, and the balance are registered, but all thoroughbreds, and will be priced right. Also a few Poland-China boars and Barred Plymouth Rock cockerels and White Holland toms. Cockerels \$1 each; toms \$2. Visitors always welcome, and all correspondence cheerfully answered. A. F. Huse, Manhattan, Kans.

FOR SALE—Ten head of registered Red Polled bulls at a bargain. Herd consists of following families: A 1, B 2, B 3, B 30, H 1, I 13, N 5, U 5, V 1, V 2. Butterfield (3410) sired herd. Weight 2,450 lbs. Can ship over Union Pac or Missouri Pacific railways. Otto Young, Utica, Ness Co., Kans.

FOR SALE—8 head of registered Angus bulls from 10 to 20 months old; good individuals. R. L. Milton, Stafford, Kans.

FOR SALE—Shorthorn bull, 20 months old, sire Godoy Butterfly 142556, dam the Rose of Sharon cow, Duchess 52d, by Aclam Sharon 54447; big and fine. Also a Cruickshank bull, 15 months old, sire Godoy Butterfly 142556, dam Bampton's Joy by Red Victor 105113, second dam Bampton's Pride by Imp. Prince Bishop (57-70); third dam Imp. Bampton Primrose by Viking (48873). Either one a herd-header. E. S. Myers, Chanute, Kans.

FOR SALE—Cheap Shorthorn bulls. Address Joe Manville, Agency, Mo.

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

FOR SALE—Two registered Shorthorn bulls, color red, one 2-year-old, the other 4 months. Two seven-eighths Shorthorn bull calves, 8 months old, color red. I also have a few full-blood Rose Comb White Leghorn cockerels. For prices address, P. H. McKittick, McCracken, Kans.

FOR SALE—A small bunch of Shorthorn heifers, also two bull calves, choice breeding, and good individuals, at \$50 each. Write, or better come and see them. S. H. Lenhart, Hope, Kans.

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

FOR SALE—Four thoroughbred Shorthorn bulls, color red, from 5 to 21 months old. Also a few thoroughbred cows and heifers. For prices write, J. P. Engel, Alden, Rice Co., Kans.

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

been secured on all railroads in Kansas and Oklahoma for this event. Catalogues may be secured from all consignors, or J. C. Robinson, Towanda, Kansas.

To breeders of Duroc-Jersey swine. We call the especial attention of intending purchasers of Duroc-Jersey swine to the quarter-page announcement that will appear next week, to the series of four days' public sales of bred sows and gilts to be held in northern Kansas, February 2, 3, 4 and 5, beginning with the sale at Humboldt, Neb., on February 3. Catalogues will be furnished by Wm. Brandow, Humboldt, Neb. Sale will be held in southern Nebraska. The Kansas sale begins on February 3, when John O. Hunt, of Marysville, Kans., will sell forty bred sows and gilts. The next day, February 4, C. E. Pratt, Frankfort, will have charge of the annual sale by the breeders of that vicinity. The series of sales closes on February 5, when J. B. Davis, of Fairview, will hold his annual sale of forty bred Duroc-Jersey sows. These breeders are the leading Duroc-Jersey breeders and the offering is to be quite representative, such as will attract breeders who desire foundation stock.

Mr. O. H. Swigart, owner of the Avondale Galloways, Champagne, Ill., writes that his advertisement in the Kansas Farmer brings him business. He has just sold a fine 3-year-old cow, Black Princess of Glenair, daughter of Black Prince of Durhamhill, to Mr. S. M. Croft, of Bluff City, Kans. She was bred to Great Scott, one of the best breeding sires in Scotland. Mr. Swigart has also sold his third-prize Highland 2-year-old, Lady Love, daughter of Scottish Standard of Durhamhill, to Marion Parr, Hartsistown, Ill. Our advertiser, Mr. C. N. Moody, Atlanta, Mo., has strengthened his St. Louis show herd by purchasing that nugget of beef, McKenzie of Lilgularity, the bull that stood so close to first prize in the Highland show as to require a referee to decide between him and the winner. Mr. Moody also bought Maggie of Tarbreoch, the gold-medal cow, and three very fine heifers. Mr. Moody is evidently after his share of the rich Missouri stakes hung up for prizes on breeding animals by his State. Mr. Swigart has also sold to S. E. Speers, of Cooksville, Ill., the fine young bull, Herman of Scroggiehall, the first calf sold from the new importation which included more than twenty young bulls, 12 months or under. A. Myers, Sheffield, Ill., gets Treasurer of Troguham, another son of McKenzie. Mr. S. E. Priem, Dane, Wisconsin, gets the finely preserved old cow, Rose 5th's Damsel, from the home herd. She was sired by Stately Highlandman, and is now 14 years old. That she is still useful is shown by the fine bull calf at foot, sired by Druid of Castlemlk. Mr. Swigart very significantly adds that, "Galloway breeders seem to have better heart than their brethren of other beef-breeds. No boom-prices have affected them, hence the firmness of their market when other people are suffering. The tide has turned our way."

SWINE.

POLAND-CHINA high-class boars, \$15 each; pedigree furnished. A. P. Wright, Valley Center, Kans.

FOR SALE OR TRADE—For bred sows—Standard Perfection, winner of first in class at Hutchinson in 1903; he was sired by Proud Perfection, dam by Missouri's Black Chief. Also Corrector I Know, he by Corrector, dam by Perfect I Know, also some young males. Wm. Maguire, Haven, Kans.

FOR SALE—7 registered Berkshire boars, large bodied, heavy boned. E. D. King, Burlington, Kans.

DUROC-JERSEY boars; special prices on all sold before January 1, 1904. Pedigree furnished. H. A. Coppins, El Dorado, Kans.

TWO WELL-BRED HERD BOARS FOR SALE By W. E. Nichols, Sedgwick, Kans.—Young U. S. 2591 S., sired by Hill's Black U. S. 11882 S., he by Old Black U. S. 4209 S. The dam of Young U. S. was Mable 56180 S., she by Shortstop Tecumseh 15922 S., her dam Tecumseh Girl 37756 S. Young U. S. was farrowed September 24, 1896. He is a fine breeder of solid colored, broad backed, heavy hammed, short-faced pigs. T. C.'s U. S. 2d 30340 S., sired by the noted old T. C.'s U. S. 41718 O., that was shown in 13 shows, and won 13 first prizes in the state show at Ohio. Esther Price his dam was bred by Peter Mouw, Orange City, Iowa. These hogs are not for sale because of any fault of their own, but I cannot use them longer. If you write a first-class reliable sire at the head of your herd, write me at Sedgwick, Kans. W. E. Nichols, breeder of Poland-China hogs.

FOR SALE—Choice Poland-China boars and sows, none but choice stock shipped. Herd boar Royal Perfection, by Chief Perfection 2d, and Chief Tecumseh 2d. S. H. Lenhart, Hope, Kans.

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

DUROC-JERSEY BOAR—June farrow; pedigree furnished. Harry M. Ziegler, LaHarpe, Kans.

POULTRY.

FOR SALE—Single comb pure White Leghorn cockerels, \$1 each. White Holland toms, \$2. H. Hutley, Route 2, Maple Hill, Kans.

FOR SALE—Mammoth Bronze turkeys, large bone, fine plumage; 2 pens not akin. Eggs in season. Address Mrs. T. M. Fleming, Route 3, Fontana, Kans.

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

R. C. W. LEGHORNS, R. C. B. Minorcas for sale. \$1 each. Eggs in season. Mrs. A. D. Corning, Meredith, Kans.

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

FOR SALE—H. C. Short, of Leavenworth, Kans., desiring to give his whole time to breeding of S. C. B. Leghorns, will sell his entire flock of S. C. White Leghorns, of the Cornell and Knapp strains. Birds set as pen, Topeka, January 1904.

EPH. SIMPSON, 19th and Washington St., Topeka, Kans., has for sale cockerels scoring above 93 points and eggs of Black Minorcas.

WHITE WYANDOTTES, (Dunston strain), \$1 to \$2 each. Eggs in season. J. W. Park, Route 1, Oswego, Kans.

BARRED PLYMOUTH ROCKS—Cockerels and pullets. Write for prices. E. W. Caywood, Clifton, Kans.

FARMS AND RANCHES.

THREE FARMS to rent, sell, or trade; also farm hands wanted, Baldwin Nursery, Seneca, Kans.

FOR EXCHANGE—80 acres of land for a Percheron stallion, or a good jack. C. A. Pealrs, Chillico, Okla.

FOR SALE OR EXCHANGE—For cattle, house, and lot in Springfield, Mo. Smith Bros., Route 6, Emporia, Kans.

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

IMPROVED FARM LAND for sale in Hodge-man Co., Kans. at \$4 to \$10 per acre. Write for list Eakin & Eakin, Jetmore, Kans.

FOR SALE—A 160-acre farm, two miles from Carbondale, Kans., in Osage County. This is a fine farm of good land, and \$4,500 takes it if sold soon. Also have two black Percheron stallions. Will sell cheap or will trade for yearling or 2-year-old steers. Call on or address Col. W. Q. Hyatt, Carbondale, Osage County, Kans.

160 ACRES nice smooth land; 60 acres cultivated, no house; price \$2000. 160 acres, fair improvements, half cultivated; price \$2,500. 160 acres nice land, all in cultivation; price \$3,200. 160 acres, 140 cultivated, nice improvements; price \$3,000. And many others; try us. Garrison & Studebaker, Florence, Kans.

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

SHEEP.

FOR SALE OR TRADE—Registered Cotswold ram, from Hardings flock. Price \$20; will trade for registered Cotswold ram, or good ewes. A. L. Bushnell, Mound Valley, Kans.

SEEDS AND PLANTS.

50,000 PEACH TREES, \$10 per thousand. 200,000 trees at wholesale. Baldwin Nursery, Seneca, Kans.

FOR SALE—Emmer (Speltz) at \$2 per cwt. W. A. Miller, Route 2, Rantoul, Kans.

ENGLISH BLUE GRASS—New crop, fine seed, price low. Send sample. Refer to First National bank. J. G. Hinshel, Eureka, Kans.

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

WANTED—Sweet corn, Kaffir-corn, cane and millet seed, alfalfa, red clover, timothy and other grass seeds. Correspond with us. Kansas Seed House, F. Barteldes & Co., Lawrence, Kans.

WANTED—Sweet corn, Brown Dourrah, Jerusalem corn, milo maize, cane and Kaffir-corn. Write us amount you have to offer and send sample. We will give you the highest market price. A. A. Berry Seed Co., Box 50, Clarinda, Iowa.

When writing advertisers, please mention this paper.

HORSES AND MULES.

FOR SALE—One of my registered Cleveland Bay stallions, both good individuals and first-class breeders. Lewis J. Cox, Concordia, Kans.

FOR SALE—Jacks, Jennets, recorded saddle stallions, 4 standard-bred stallions. Poland-China gilts, all first-class stock. Chas. Guffin, Scandia, Kans.

WANTED—To buy one registered trotting or pacing stallion, also one black jack, not under 3 years old, must measure 14 hands standing, and be a good performer. Gottfried H. Gross, Gordonville, Mo.

FOR SALE—A good jack, 7 years old, sound, good size, heavy bone, color dark, with mealy points. Is a good foal getter; can show colts. Price right if sold soon. One half mile from Elm Dale, Chase Co., Kans. Call on or address J. M. Brough, or J. F. Garner, Elm Dale, Kans.

FOR SALE—Registered Percheron stallion, Bright 28274, a dark gray, foaled in 1901, and is fancy bred. Inspection or correspondence invited. Address Chas. H. Layman, R. 2, Maple Hill, Kans.

FOR SALE—Honor 6694 by Red Wilkes, or his 3-year-old son, stallion; or would trade for draft stallion; can not use both. O. P. Udeggraf, Topeka, Ka.

FOR SALE—Six registered Percheron and French Coach stallions. H. C. Staley, breeder, Rose Hill, Butler Co., Kans.

FOR SALE OR TRADE—For good jack or Shorthorn cows, one 3-year-old saddle stallion. Geo. Manville, Agency, Mo.

TO TRADE—For registered Hereford cattle or Percheron fillies, one standard registered stallion, 8 years old, 16 1/2 hands high, fine driver and saddle. No better bred horse in Kansas. H. T. Hineman, Dighton, Kans.

FOR SALE OR TRADE—For stock, English Shire stallion, 3 years old, weight 1600, a good horse. Henry Haven, Route 3, Belleville, Kans.

FOR SALE OR TRADE—For cattle or land, two large stallions, one black Norman and one chestnut sorrel Hambletonian stock. For further particulars address S. J. Cope, Yates Center, Kans.

FOR SALE OR TRADE—One registered black Percheron Stallion, 4 years old; one big black jack, 5 years old; four jennets heavy in foal, for feeders or land. J. E. Farris, Faucett, Mo.

JACKS FOR SALE—Two 3-year-olds and one yearling; will sell cheap; write for description. O. B. Madinger, Wathena, Kans.

MISCELLANEOUS.

WANTED—Some party with a south slope field to haul hog hair from our plant each day. Scatter, dry and return to us. Can handle on shares. Chas. Wolf Packing Co., Topeka, Kans.

HONEY—Pure extracted at 10 cents per pound. Send for free sample. A. P. Wright, Valley Center, Kans.

WANTED—By March 1, place on farm or ranch in northern half of Kansas, by young married man, 27 years old, first class, all round farmer, sober, reliable, and a good worker, first class references. Wants \$30 per month, house, fuel, and cow. Address Fred Jones, Everest, Kans.

WANTED—By a man of experience, with good references, position as superintendent of farm, or ranch. F. A. Birch, Zandale, Kans.

WANTED—Men to learn barber trade. Start now, complete for spring rush, can earn nearly all expenses. Tools, diplomas and positions given. Write Moler Barber College, St. Louis, Mo.

WANTED—Married white man to work on farm near Topeka. Must be a practical farmer and have worked on farm last year; house, fuel, garden, chickens and plus furnished free, with liberal wages. Write 311 West 7th street, Topeka, Kans.

ALFALFA comb and extracted honey 7 to 12 cents per pound. A. S. Parson, 306 North 12th street, Rocky Ford, Colo.

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

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

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

PATENTS.

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

The Stray List

Week Ending January 7.

Cheyenne County—G. A. Benkelman, Clerk.

COW—Taken up by J. G. Manso, in Benkelman, Neb., December 7, 1903, one red cow, branded U. S. on left hip, valued at \$12.

Pottawatomie County—C. A. Grutzmacher, Clerk.

HEIFER—Taken up by Henry Stenvers, in Blue tp., (P. O. Manhattan, Kans.) Dec. 7, 1903, one 1-year-old red heifer, right ear cut straight off, white on face and belly, rather long straight horns, valued at \$12.

Woodson County—J. P. Kelley, Clerk.

HORSE—Taken up by D. P. Eckler, in Rose, Dec. 11, 1903, one bay horse, 5 foot 1 inch, blazed face, branded S on left hip, valued at \$25.

Jackson County—T. C. McConnell, Clerk.

COW—Taken up by James McNeive, in Washington tp., December 15, 1903, one dark red cow, 5 years old, white spot on left side, branded on left hip, not plain; also one red and white heifer calf, about 3 months old.

Week Endin January 14.

Greenwood County—C. D. Pritchard, Clerk.

STEER—Taken up by W. P. Klrk, South Salem tp. Dec. 17, 1903, one 1-year-old red and white steer, underbit in left ear, lazy R on right hip.

STEER AND CALF—Taken up by George Garner, in Quincy tp., Nov. 30, 1903, one 2-year-old roan steer, valued at \$18; also black calf, 10 months old, underbit in right ear, valued at \$5.

HEIFER—Taken up by H. W. Holderman, in Quincy tp., Nov. 30, 1903, one 3-year-old heifer, red with white top of shoulder and belly, valued at \$15.

Week Ending January 21.

Greenwood County—C. D. Pritchard, Clerk.

STEER—Taken up by Charles A. Provo, in Quincy tp., January 2, 1904, one 2-year-old roan steer, branded W on right hip.

DUROC-JERSEY SWINE.

D. M. TROTT ABILENE, KAS., famous Duroc-Jerseys, Poland-Chinas. COUNTY SEAT HERD DUROC-JERSEY SWINE, Geo. Briggs & Son, Clay Center, Neb. Annual sale of bred sows February 18, 1904.

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

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

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

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

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

Duck Creek Herd of Duroc-Jersey Swine 200 head to choose from. Write us your wants. Mitchell Bros., Buxton, Wilson Co., Kans.

FAIRVIEW HERD DUROC-JERSEYS For sale—A few May and June males at private treaty. Public sale of bred sows Feb. 5, 1904. Address J. B. DAVIS, Fairview, Kans.

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

DUROC-JERSEY SWINE Prize-winning strains. For Sale—Two boars and a number of choice gilts, bred or open. Call on or address E. L. McClelland, R. 1, Berwyn, Kans.

RECORDED DUROC-JERSEYS Choice lot of fall pigs, out of large, prolific sows, for sale. Spring gilts and boars all sold. L. L. VROOMAN, Hope, Kans.

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

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

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

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

Osage Valley Herd DUROC-JERSEYS 35 gilts and sows ready to breed, 8 choice boars, good color, strong bone, broad backs with fine hams. Write for description and price. A. G. DORR, Osage City, Kans.

Rose Hill Herd DUROC-JERSEY HOGS. I have some choice gilts bred to State Fair prize boars. Boars ready for service. Big-boned, lengthy fellows, and a fine lot of thrifty pigs for sale; all out of large old sows of the most prolific strain. S. Y. THORNTON, Blackwater, Mo.

PEARL HERD DUROC-JERSEYS FOR SALE—A fine lot of spring Duroc-Jersey boars, best breeding, a good growthy lot, heavy bone and good color. Can ship via Rock Island, Santa Fe, Missouri Pacific, or Union Pacific railways. Call, telephone or write to C. W. Taylor, Pearl, Dickinson Co., Kans.

Pettis County Herd of Durocs Having won fourteen first prizes out of sixteen entries at the Missouri State Fair in August, 1903, we now offer the produce of this great herd for sale. We have stock of all ages and both sexes constantly on hand. Bred sows a specialty now. Write us. McFARLAND BROS., Box 4, Sedalia, Mo.

POLAND-CHINA SWINE.

CLEARING-OUT SALE OF POLAND-CHINAS. Pigs 3 months old, either sex. Five Dollars each if taken soon. Weight 40 pounds. W. H. PECK, Garnett, Kans.

WAMEGO HERD Poland-Chinas With Dee Expansion 31211 at head of herd; he was sired by Expansion 26293, his dam is Nodine Queen 2d 73737, a grand individual and sire of large, and markings. Large M. B. Turkeys and B. P. chickens for sale. Correspond with me at Wamego, Pottawatomie County, Kansas. C. J. HUGGINS.

POLAND-CHINA SWINE.

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

CLEAR CREEK HERD OF POLAND-CHINAS For Sale—A choice lot of spring boars ready for service. Also a few registered gilts bred for spring farrow. Please mention this paper. E. P. SHERMAN, Wilder, Kans.

Dietrich & Spaulding, Richmond, Kas Have a Keep On and two U. S. Perfection spring boars for sale. They are good enough to head a good Poland-China herd.

For Sale---Poland-China Gilts Of Chief Tecumseh, Black U. S., Missouri's Black Chief and Wilkes blood, bred to a Keep On-Sunshine boar. H. DAVISON, - - Waverly, Kans

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

Pecan Herd of Poland-Chinas We have a few choice boars of winter and spring farrow, sired by Model Tecumseh 64133 and American Royal 30783. J. N. WOODS & SON, Route 3, Ottawa, Kans.

Elmdale Herd of High-Class POLAND-CHINAS Shawnee Chief 28802 head of herd. Three choice fall boars for sale; also spring pigs of both sexes. W. L. REID, PROP'R, R. R. 1, NORTH TOPEKA, KANSAS

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

F. C. SWEIRCINSKY'S BRED SOW SALE Of Tecumseh and Lamplighter cross of Poland-Chinas at Belleville, Kans., February 15, 1904. Write for catalog after February 1, 1904.

HIGHLAND FARM HERD OF PEDIGREED POLAND-CHINAS Fourteen boars weighing from 150 to 250 pounds. They are large, with good finish, good heads and fancy ears. I also have ten gilts left and forty extra good fall pigs ready to ship. They are sired by Black Perfection 27132, and Corwin's Improver 25769. Several good enough to head any herd. Seven and one-half miles northwest of Leavenworth. (I ship from Leavenworth. Eight railroads.) One mile west of Kickapoo on mainline of Mo. Pacific. JOHN BOLLIN, Route 5, Leavenworth, Kansas.

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

G. E. FULLER'S Bred Sow Sale. Sunshine and Perfection. The great cross. Sale at Washington, Kansas, January 27, 1904. Write for catalogue.

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

POLAND-CHINA Herd and Show Boars. For immediate sale I have two very attractive April boars suitable for herd-headers or the show ring. They are unquestionably the best I have ever bred, good size, length, bone, and finish. I also have a few extra June boars ready for service that are large and growthy with plenty of length and bone. The best of breeding, such as Perfection, Black Chief, Missouri's Black Chief, and Chief Tecumseh 3d. For further particulars address E. E. WAIT, Altoona, Wilson County, Kas

POLAND-CHINA SWINE.

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

BERKSHIRE SWINE.

Large English Berkshires Pigs of both sex sired by first prize boar at Topeka fair; also a prize winning boar, and 2-year-old herd boar, Highclere Improver 58827. Manwaring Bros., R. R. 1, Lawrence, Kans. Telephone 582-2-White.

SPRINGBROOK BERKSHIRES THE BIG KIND. A few young gilts sired by the prize-winning Black Robin Hood and from Royal Empress, Duchess and Silver Tips sows. Some good boars of May farrow for sale. Inspection invited. Visitors met by appointment. DAVID G. PAGE, Topeka, Kans. Care Mid-Continent Mills.

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

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

East Reno Berkshire Herd Best Blood in the Land. Herd Boars—Baron Beauty Jr. 72642 and Black Robin Hood 2473523. Young stock for sale. Farm 2 miles N. E. from Madara G. D. WILLEMS, R. F. D. 3, INMAN, KANSAS

...THE... WILLOWDALE Berkshires SPECIAL OFFER. I have 100 head of spring boars, sired by the greatest boars of the breed: Royal Baron, Baron Lee 7th, and Sunny Side King, the champion at Kansas City last year and combination champion at Illinois and International and sire of champion sows at Illinois for two years. These boars are the produce of sows equally well-bred. These boars will be priced at figures that will surprise you. If you need a boar, write for prices, as they must be sold quick. Also a fine lot of gilts and bred sows. Young stock of all ages for sale. Address

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

D. L. Button, N. Topeka, Kans. BREEDER OF Improved Chester Whites Stock For Sale. Farm is 2 miles northwest of Reform School. Postoffice, Route 9, Elmont, Kans.

THE CRESCENT HERD O.I.C. THE WORLD'S BEST SWINE. We are shipping the best pigs we ever raised. Every one a dandy. Three fall boars to sell. Largest herds in the west, grown on five different farms Catalogue tells all about them—free for the asking Thoroughbred poultry. Write to-day to JOHN W. ROAT & CO., Central City, Nebr.

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

HEREFORD CATTLE.

Weston Stamp Herd REGISTERED... HEREFORD CATTLE Anxiety 4th females with Ambercromble 8600 at head.

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

SOLDIER CREEK HERDS OF Herefords, Shorthorns, Polled Shorthorns Service Bulls—HEREFORDS—Columbus 17th 91864, Elvina's Archibald 76998, Jack Hayes 2d 119761, Jack Hayes 3d 124109, SHORTHORNS—Jubilee Stamp 125017, Orange Dudding 149469. POLLED—Scotch Emperor 133448, Ottawa Star 113109. Herds consist of 500 head of the various fashionable families. Can suit any buyer. Visitors welcome except Sundays. Address Joseph Pelton, Mgr., Belvidere, Kiowa Co., Ks

SUNFLOWER Registered Herefords 200 Head in Herd. Herd Bulls now in use are sons of Don Carlos 83734. Twenty-four Young Bulls ready for service for sale. D. L. Taylor, Sawyer, Pratt County, Kansas

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



Young Stock For Sale, Inspection or Correspondence Invited.

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

MEADOW BROOK SHORTHORNS—Ten fine young bulls for sale—all red. Red Laird, by Laird of Linwood, at head of herd. F. C. KINGSLEY, Dover, Shawnee County, Kansas. D. P. NORTON'S SHORTHORNS. DUNLAP, MORRIS CO., KANS. Breeder of Pure-bred SHORTHORN CATTLE. Herd bull, Imported British Lion 133692. Young stock for sale.

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I have a few good Shorthorn cows and heifer calves for sale, also a few young bulls from 6 to 8 months old, the best lot I ever bred. Herd headed by my fine Scotch bull, Minister 2d 150171. M. COPELAND, Glasco, Cloud Co., Ks.

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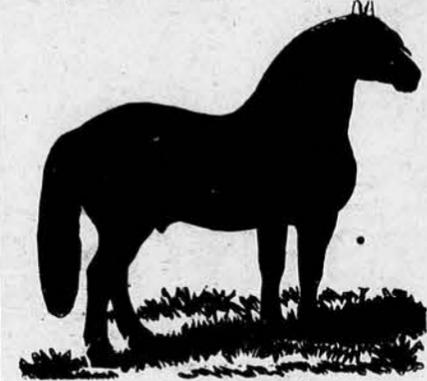
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And a fine line of Young Jacks for Sale.

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Including five big wide-as-a-wagon Belgians. A grand total of 100 horses to select from. No better place to buy good stallions in America. A long string of 3-, 4-, and 5-year olds, all in the 2,000-lb. class. Good style, fine action, best of legs, feet and eyes. Lots of big, fine, home-bred young horses. Come and see them. Write when you can come.

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We guarantee to show more bone, size and quality than any other firm in the United States. Samson, (Percheron 27238 and French Draft 6866) at head of stud. His present weight is 2,464 pounds. We can suit any man who wants first-class, up-to-date, stallions or mares.

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

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At the Minnesota State Fair our French Coach stallions won every possible first 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 Percheron and French Coach stallions 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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Well, well! Cheer up! Get Busy—Iams' peaches and cream are ripe. They were sensational "show horses" at the Nebraska State Fair. (He had a snap.) Had a whole barn full of prize winners there. Iams won first on four-year-old Percheron in class of thirty-two (an easy victory). Also championship sweepstakes Percheron, Belgians, and Coachers. Iams kept his great 5100-lb. show pair and the best stallion in every class out of the Nebraska show-yard and were not shown for prizes. None of the special train of 100 stallions received August 23, 1903, were shown at Nebraska State Fair, and among these he had the first and second prize four-year-old Percheron at largest French horse show at Chartres, and many Percheron winners at leading "horse shows," as well as winners at leading "horse shows" of Belgium and Germany. At Iams'

SWEEPSTAKES STUD

Visitors thronged his barn at Nebraska State Fair and said: Hello Tom! 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 Zeke. Say, this is the best string of stallions I are all wool and a yard wide, the "wide-as-a-wagon" sort.

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90 per cent blacks; 50 per cent ton horses—Iams speaks the language, buys direct from breeders, pays no buyer, salesman or interpreter. Has no three to ten men as partners to share profits with. His twenty-two years successful business makes him a safe man to do business with. Iams guarantees to sell you a better stallion at \$1,000 to \$1,400 than are being sold to stock companies for \$2,500 to \$4,000 by slick salesmen, or pay your fare and \$25 per day for trouble to see them, you the judge. Iams pays horses' freight and buyers' fare, gives 80 per cent breeding guarantee. Write for eye opener and catalogue. References: St. Paul Bank, First State Bank, and City National Bank.

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Our recent importation is doing elegant; gaining some flesh and becoming acclimated to this Western country. We can show the largest number of stallions of any concern in all the West, consisting of Percherons, English Shires, Belgians, German Coachers, etc.; over fifty to select from and all grand individuals. We are quoting low prices with the best of guarantees.

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HEFNER HAS

10 Shire and Hackney Horses



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

One-half cash or bankable paper due in one year, with interest. Other half due when horse earned it. You settle for one-half the horse only; the other half must run until the horse earns it. Just the terms you want. I mean to dispose of these horses at once to make room for October importation and I know the wide-awake buyers will be promptly on hand, as these horses are sure to suit. They are heavy-boned, massive, shapely horses, with two good ends and a good middle. Best of feet and action. These are 1,800- to 1,950-pound possible chances when you deal with Hefner. My terms should convince you that my horses are certainly right in every particular. I know they will suit you. These are 30 per cent better than "Top-Notchers," and just the sort "peddlers" are selling at \$3,000 to stock companies. Form your own stock company and come buy one of these grand Shires for your own use. I know my horses are the genuine, honest, reliable sort and cannot fail to please you and give the most satisfactory results; hence these unheard of terms. Write for information. Do so immediately, as these horses will soon go on these terms and prices.

O. O. HEFNER, Nebraska City, Nebraska.

THIRD ANNUAL GRAND FOUR DAYS COMBINATION SALE

Wichita, Kansas, February 2, 3, 4 and 5, 1904.

Percheron Horses, Hereford Cattle, Shorthorn Cattle, Poland-China Hogs



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Fifty Percheron Stallions and Mares. Also a few Shires and Trotters.

Consigned by J. W. & J. C. Robison, Towanda, Kansas; Avery & Son, Wakefield, Kansas; Snyder Bros., Winfield, Kansas; Charles L. Covell, Wellington, Kansas.

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February 3, 1904,

Fifty Thoroughbred Shorthorn Bulls and Heifers.

Consigned by J. W. & J. C. Robison, Towanda, Kansas; J. F. Stodder, Burden, Kansas; T. K. Tomson & Sons, Dover, Kansas; Harrington Bros., Clearwater, Kansas.



HEREFORD CATTLE

February 4, 1904,

Fifty Thoroughbred Hereford Bulls and Heifers.

Consigned by Robt. H. Hazlett, Eldorado, Kansas; W. L. Bass, Eldorado, Kansas; J. Condel, Eldorado, Kansas.

POLAND-CHINA HOGS

February 5, 1904,

Eighty Thoroughbred Poland-China Hogs.

Consigned by Snyder Bros., Winfield, Kansas; Elm Beach Farm, Wichita, Kansas; H. E. Lunt, Burden, Kansas; and other prominent breeders.



Sale held under cover, beginning at 12:30 p. m. each day, at Riverside Sale Barn, Diver's Stock Yards, West Douglas Ave., Wichita, Kansas. Apply to any of the consignors for catalogue of day's sale wanted. REDUCED RATES ON ALL RAILROADS ENTERING WICHITA.

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POLAND-CHINA BROOD SOW SALE

At Osborne, Kansas, February 2, 1904.

The consignment will consist of FIFTY TOP SOWS AND GILTS from the herd of F. A. Dawley, Waldo, Kans. They are strictly up-to-date in breeding, and as this will be my introductory sale I mean to put in the best. There will be sows by Perfect I Know 19172, Corrector 26466, Perfection's Likeness 28537, Eclipse Model 27737, a worthy grandson of Missouri's Black Chief, B. B. Model 29590, by Unique 22466 and Anderson's Model 43611, Sunshine Success 71667 A., by Ideal Sunshine, and several others of up-to-date breeding.

Most of the consignment will be bred to my phenomenal herd boar, WOODBURY 72051 A., by King Perfection 50017 A., and out of a Winning Sunshine dam, second dam by Chief Tecumseh 3d. Woodbury is of the type that people are clamoring for to-day—broad, arched back, without a wrinkle, glossy coat, great heart girth, very low heavy hams, and unusually large flinty bone. He is pronounced by "field men" to be one of the best boars in the State. There will be a couple of his gilts in the sale. Watch for them. The younger gilts will mostly be bred to Perfection's Profit, Woodbury's chief assistant, by G.'s Perfection 77181 A., the sweepstaker of Iowa and Illinois State Fairs in 1903. A few will be bred to Sunflower Perfection, a worthy son of Perfection's Likeness 28537, Highroller, a show-pig by Woodbury, out of an Eclipse Model dam, and Queen's Best by Top Liner 62233 A., half brother to Corrector, out of a perfect I Know dam.

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At the J. B. Davis Farm, Fairview, Brown Co., Kans.

At 1 p. m.,

Friday, Feb'y 5, 1904

I will offer for sale 40 head of Duroc sows, eligible to record, and bred to recorded Red boars. All are healthy and thrifty. Also 2 high-grade Red Polled bull calves about 11 months old, good thrifty fellows.

Terms: 6 months time at 8 per cent per annum from date of sale on sums of \$20 and over. Good security or late bank reference required; 2 per cent discount for cash. Sums less than \$20 cash without discount. Free lunch at noon.

Col. T. C. Callahan, C. H. Marion,
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J. B. DAVIS.

GRAND CLOSING-OUT SALE OF MY Entire Herd of Shorthorn Cattle.

To be held at Meadow Brook Farm, 4 miles northwest of YATES CENTER, WOODSON COUNTY, KANSAS,

TUESDAY, JANUARY 26, 1904.

Consisting of 60 head, including my herd-bull, Lavender Best 151939, ten good young bulls of serviceable age, eighteen heifers and twenty-one cows. A herd of good, practical cows and heifers, including several daughters of St. Valentine 12th. Families are Young Mary, Rose of Sharon, Ruby, Darlington, Princess, Josephine, Young Phyllis, Goodness, Theodosia, Valentine and Adalalde. Cows all bred or with calves at foot.

I will also sell 23 head of horses and mules, consisting of one pair of matched Cleveland Bay mares 8 years old, one pair of matched bay driving Morgan mares 5 and 6 years old, 1 pair matched sorrel Morgan colts coming yearlings, two pair of coming 4-year-old mules, weight 1,100 to 1,200, gentle and well broken, one saddle pony, one family driving horse, three colts, and seven brood and work mares from 9 to 12 years old, weight from 1,100 to 1,400 pounds. Mares all bred to jack. Farming tools and implements necessary in running a large farm. Free transportation will be furnished to all strangers from Yates Center to farm and return. This is a bona fide closing sale as I have leased my farm and give possession March 1.

Terms: Nine months' time will be given on approved security at 6 per cent per annum from date if paid when due; if not paid when due, 10 per cent per annum from date; 5 per cent off for cash on all sums over \$10.

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