

KANSAS FARMER

FOR THE IMPROVEMENT



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In Partnership With Uncle Sam

Control and Development of the Grazing Area in the National Forests

By J. B. KILLIAN, of Colorado Live Stock Association

Since the national government in its wisdom assumed the task of investigating its timber supplies and discovered the inevitable approach of a dire timber famine, we have been confronted with the growing necessity of control of our natural resources. No doubt this wise investigation was prompted by the vivid lessons of observation taken from the older nations which have inadvertently exhausted their natural resources and paid a just penalty—the loss of opportunity. Be this as it may, "a hint to the wise is sufficient," and having found our timber supply in a badly depleted condition, it became alarmingly evident that other of our natural resources might be in the course of rapid exhaustion. By expert investigation it has become too true! Our vast stores of mineral, oils and gas are almost gone. We are told that the end of both our coal and iron supply is in sight. We of the west realize that our rich estate of landed possessions has also almost disappeared, and our once beautiful heritage of forests is half gone; and last, but not least, our grazing resources, once so boundless in its rich virgin beauty, is now a thing of the past. One of the first important steps towards conserving these natural resources to our best use and that of future generations, was the establishment of forest reserves in some of the timbered portions of our public domain. Primarily, these were established, as we all know, to protect the timber against misuse and waste and to conserve the water supply for irrigation in the valleys below. In order to conserve the yearly fall of moisture throughout the national forests to the greatest amount of good for the greatest number of acres of agriculture land, it became a well demonstrated fact that the forest cover must be systematically maintained. In those vast areas covered by the national forests, there were at the time of their establishment, cattle, sheep and horses being grazed in great numbers; so that when the reserves were proclaimed and a strict supervision placed over the forage and brush cover, as well as the timbers, the grazing of live stock became a subject for control. In reviewing this control of our grazing resources in the national forest, together with its development, we remark, in the first place, that it is but the inevitable product of the broad principle of national preservation. We realized that if we failed to preserve the means of growth, we could not continue to grow as a nation; so, with our distinguishing characteristic of foresight, having taken this inventory of what we had, we commenced to devise means of caring for it.

In 1905 the agricultural department of the national government through its bureau of forestry, commenced to place restrictions on the resources. In the minds of a great many of the users of the forest resources the new regime met with considerable opposition; especially, was any interference with the free use of the grazing resources very obnoxious to the average stockman of the west. Long accustomed to all the freedom of the pioneer age, it was hard for him to

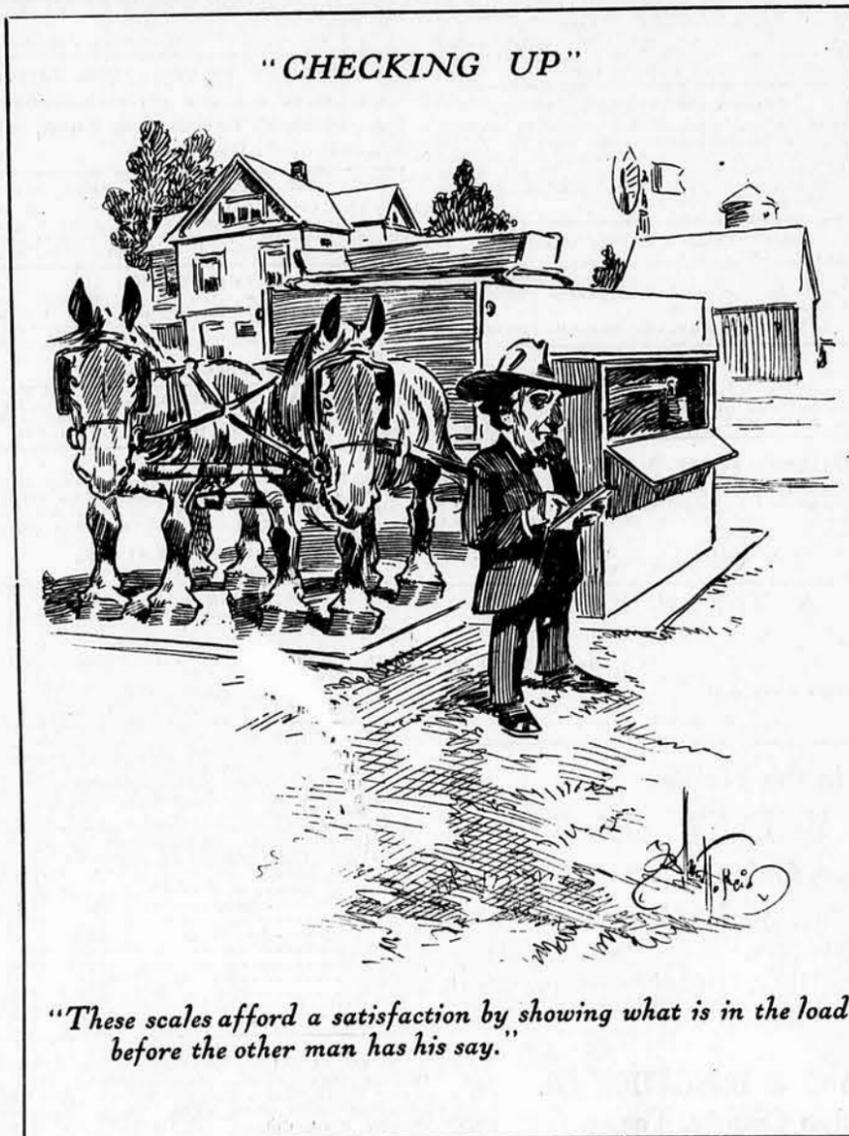
realize that he lived in a new age of law and order. It was difficult to convince him that the forest ranger was a new asset in his business. In fact, he looked upon the ranger as the mere product of government patronage. He was at that time having so many other troubles to combat, such as range wars with his neighbors, heavy losses from overstocking, and an eastern horizon so dark with an on-coming emigration of homeseekers, on seeing this new evil he exclaimed in sad extremities, "I see my finish!" But "every cloud has its silver lining." The stockmen of the forest reserve ranges were soon to receive the full benefits of a well-governed range. The obnoxious forest ranger would soon prove to be a harbinger of peace and prosperity. Under the wise supervision of the Honorable Gifford Pinchot, Chief For-

ester of the United States, the cooperative plan of handling the grazing resources of the forest reserves was inaugurated. The stockman was invited to participate in the management of all range matters. This had a certain tendency toward palliating his forebodings regarding range control, and when in 1906 the Fee System by Permit was installed, and to all intents and purposes he gained a practical lease on his range, he commenced to realize that the goal for which so many stockmen of the west had been fighting all these years, was at last reached by him. His range rights were established and he could know today what he might expect tomorrow. And it was his privilege to enjoy that certain high degree of stability in his business not before experienced by any one. The system of cooperative control of the

ranges installed and invited by Chief Forester Pinchot, was that which is now in operation between the forest service and local live stock associations. The department established a regulation whereby any local live stock association which has a majority of the users of any district in the reserve in which its members graze, can enter into and enjoy bona fide business relations with the Service in all matters pertaining to range control. On the part of the association this business relation is carried on through the medium of an advisory board consisting of five members for each reserve, chosen and elected at the regular annual meeting of the association. In assuming its duties this advisory board meets with the forest supervisor in the spring and considers all matters affecting each user's rights and permit to graze his stock. All applications for grazing permits are recommended according to merits fixed by priority, residence and character of the applicant. Increases and decreases are made according to a scale of forest regulation. In no case is an excess of stock over the apportionment allowed to graze in a district, except a limited number incidentally applied for by the new settlers or homesteaders locating in or near the reserve during the fiscal year. Drift fences to keep stock from drifting from their allotted range or on to poisonous range are taken under advisement. The enforcement of state laws, where such laws exist, regarding the supply of bulls and salt on the range, is faithfully observed; and thus it is that every detail of control affecting the convenience of the user of the range and the improvement of his stock, is well considered and settled in the councils of the stockmen and the Service, with every safeguard for justice to all, and the maintenance and development of the grazing resource.

To some stockmen of the west it has been no easy task to embark in a system of cooperation with the forest service in handling these range matters. Though converted to the feasibility of the proposition, as most all are, they each loathe the burden of system and detail, and consequently it largely becomes a matter of education to duty and community rights. A few communities of stockmen who graze the reserve ranges are still unorganized and have failed to enjoy the full fruition of the system; but, we may conclude with safety that all will soon grasp the situation and rise to the importance of the opportunity to serve themselves and their neighbors, for the head of the forest service has always contended that the stockman himself is the wisest counsel in the practical solution of range problems. The service fully realizes that through his honest, wise co-operation the forage condition of the range can best be conserved, and through his assistance, only, can the grades of live stock be improved up to that high standard which comports with the lucrative well-regulated pasture being provided for them. We observe that under this system the forage condition of the ranges in the national forests has been greatly improved.

(Continued on page 8.)



"These scales afford a satisfaction by showing what is in the load before the other man has his say."

BARGAINS IN LANDS

Colorado Land

Oklahoma Land

NEW LAND OPENING. NEAR PUEBLO, COLORADO.

Two miles from station on two trunk lines of railroad. Finest quality of alfalfa, fruit and vegetable land, ready for the plow with ample and perpetual water supply all ready for use. No failure here—water your own crops when they need it and get big results. Close to large markets with high prices. No healthier climate in the world. Good altitude, good spring water. This is the lowest price, first-class irrigated land in Colorado, and the first allotment will be sold out with perpetual water right at less than one-half the price of adjoining irrigated lands. Get in now at first cost and double your money. Excursion every Tuesday. Come with us and look this great bargain over before prices advance. Low round trip rates. Write for free booklet. Do it today.

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WRITE OR CALL UPON US

for information about Eastern Colorado. We have 100,000 acres in the shallow water belt that will make \$100 alfalfa land; can be bought now for \$5 to \$15 per acre.

Kit Carson Company Kit Carson, Colorado

LIVE AGENTS wanted to sell Washington county land; big crops are being raised every year. Write for offer. The Clarey Land Co., Akron, Colo.

\$7 to \$15 PER ACRE on liberal terms. Homestead relinquishments \$100 to \$350 each. Where rainfall is plentiful and prices are rapidly advancing. Write for full information stating what you want. Maher & Hanks, Deer Trail, Colo.

YUMA COUNTY, COLORADO. lands that raise big crops of all staples, \$10 to \$15 per acre. Good opportunities for homeseekers and investors. I own a few quarters which I will sell cheap. A. L. KISENGER, U. S. Commissioner, Yuma, Colorado.

3,000 acres choice land at \$1,200 per acre, 1 or all. 800 acres imp., good house and fenced, 120 a. broke. Price \$20 per a.; will take \$2,000 in trade and carry \$4,000 back on farm. We have cheap relinquishments. Write us. The Akron Land Co. (Inc.), Akron, Colorado.

FAMOUS Grand River Valley lands pay big interest on capital invested. Prices advancing rapidly; now is the time to buy. Write for large, 60-page descriptive pamphlet, mailed free upon request. **FOR REALTY COMPANY,** Fruita, Colorado.

LA PLATA COUNTY irrigated lands \$25 an acre and upward, in new country, about to be tapped by another railroad—the C. & S. Fruit, vegetables and all staples produce big crops. Price lists and large pamphlet free. **BOYLE REALTY CO.,** Durango, Colo.

EASTERN COLORADO LANDS. Rich, fertile land, \$15 to \$20 per acre, on good terms. Irrigated lands, that produce mammoth crops of sugar beets, alfalfa, wheat and oats, \$66 and up. New list and descriptive literature free. Thomas B. Ashlin, The Arkansas Valley Real Estate Man, Granada, Colo.

400 ACRES ALFALFA AND WHEAT LAND in Arkansas Valley of Colorado, level, fine soil, two water-rights, house and barn, wind mill and tank, nearly all in cultivation, two miles of Granada, 1/2 mile leading station on main line of Santa Fe, \$30 per acre. Good terms. **ANDRES TOWNSLEY,** Owner, Granada, Colo.

80 OR 160 ACRES of the finest fruit land in the Montezuma Valley, full paid water right, to trade for hay ranch near Kansas City. 160 acre relinquishment of the very best red fruit soil in Montezuma Valley to trade for Western Kansas land. Write **HARRY V. FYLE,** Dolores, Colo.

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SHALLOW WATER BELT

Of the famous South Plains of Texas, where we can sell you good land, near schools, churches, markets and railroads for \$14 an acre and up. Write for our free descriptive circular. **JONES-MURPHY LAND CO.,** Plainview, Texas.

PLAINVIEW, TEXAS.

Metropolis of the famous shallow water belt of the South Plains of Texas, where corn, wheat, alfalfa, milo maize and all staples grow to perfection. Write for handsomely illustrated literature and map, mailed free. **RUSHING LAND CO.,** First National Bank Bldg., Plainview, Texas

Irrigated Lands in the Fertile

LOWER RIO GRANDE VALLEY OF TEXAS

Alfalfa, Sugar Cane, Cabbage, Onions, Cotton, Corn

Lands near Mercedes, Texas, yield the largest and earliest crops in the United States. Largest irrigation canal in the state. Soil is fertile; climate ideal, both summer and winter; water plentiful. **NO DROUGHTS.**

Address:

AMERICAN RIO GRANDE LAND & IRRIGATION CO.

Box 5, Mercedes, Hidalgo County, Texas

FREE MAPS, handsomely illustrated literature and valuable pamphlet describing the San Luis Valley. Write today. Illinois Realty Co., Monte Vista, Colo.

EASTERN COLORADO

Farm lands near the new and rapidly growing town of Brandon, for \$10 to \$15 per acre. Great opportunities for home seeker and investor. Write for full information. **C. D. BLANCHARD,** Brandon, Colorado.

PAONIA, COLORADO

In the best fruit section of the Western Slope. Fruit land pays 20 per cent per annum on the capital invested. Prices still reasonable, but advancing rapidly. Write for free illustrated folder, containing much interesting information. **C. C. HAWKINS,** Paonia, Colorado.

GRAND RIVER VALLEY

The famous orchard district of the western slope of Colorado, orchard tracts in any size to suit purchaser at various prices. Bearing orchards often pay \$500 an acre net profit per annum. Write for full information. **E. A. LOOMIS,** Fruita, Colorado.

BEST BARGAINS IN THE WEST.

Fruit and stock farm, well improved, in center of Montezuma valley, close to county seat; land will be worth several times its present value for orchard purposes; pays 25 per cent annually on a valuation of \$26,000. **VINCENT & WOODS,** Cortez, Colo.

ONE and one-half sections of land about 25 miles east of Denver, about 800 acres tillable; suitable for dry farming or pasture; creek 1/4 mile away, other farmers near; prices \$6.50 per acre, \$4,000 cash, balance 5 yearly payments and interest; title good. Railroad contract until fully paid. **Henry F. Nommers, Real Estate & Loans, 413 Mercantile Building, Denver, Colo.**

KIOWA COUNTY, COLORADO, corn, wheat and alfalfa lands \$8 to \$15. Homestead relinquishments \$250 up. Folder and copy of the Homestead Laws sent free. A few 160-acre homestead tracts under prospective irrigation yet. **THE WESTERN REALTY CO.,** Eads, Colo.

HOMESTEAD RELINQUISHMENTS and cheap deeded lands, Kiowa county is still cheap, but is bound to develop several times in the next few years. Write for further information. **LINN & CHERMAK,** Haswell, Colorado.

FOR FREE INFORMATION about Panhandle of Texas and western Oklahoma lands at \$8 to \$20 an acre, write to or call on **J. A. WILLIS & CO.,** Higgins, Texas.

Dalhart, Texas is where we are located and we have some land bargains for the buyer. Write for our free, handsomely illustrated book, or come to Dalhart and let us show you a country without a fault. **J. N. JOHNSON LAND COMPANY,** Dalhart, Texas.

A TEXAS BARGAIN

Three section ranch, all tillable; 800 a. in cultivation, 500 a. alfalfa land; no draw; 5-room house, good barn, well and mill; 7 ml. county seat; \$19; 1-3 cash, bal. 1 to 5 years 6 per cent. **F. B. GOULDY,** Plainview, Texas.

GOOD LAND IN OKLAHOMA

To exchange for Kansas and Nebraska land. City property and merchandise. Also have splendid bargain for cash or time payments. We raise everything in Woodward County, Oklahoma. Corn, alfalfa, oats, wheat, broom corn, cane kaffir corn, fruit and vegetables. All successfully raised. Price \$20 to \$40 per acre. Write **GASTON & RICHARD,** with Richard Realty Co., Woodward, Okla.

EASTERN OKLAHOMA corn and alfalfa land; abundant rainfall; healthful climate; titles perfect, terms. Write Hunter Land Co., Tulsa, Okla.

FOR FREE INFORMATION about western Oklahoma and eastern Panhandle lands at \$10 to \$30, write or see Cooley & Guthrie, Gage, Okla.

IF YOU WANT to buy Texas Panhandle or Western Oklahoma lands at lowest prices on best terms, write or see **ALLISON-CROSBY & Co.,** Texhoma, Texas Co., Okla.

EASTERN OKLAHOMA CORN LANDS.

Write for our illustrated booklet, state map and price list of our fine river bottom and prairie farms. Big crops of corn, oats, alfalfa, wheat, cotton, etc., every year. **R. B. BEARD, & CO,** American Nat. Bank Bldg., Muskogee, Okla.

EASTERN OKLAHOMA.

Improved farm, 160 acres, good, new house, half section of unimproved land. Very fine. Several other good bargains. Write me if you want to know about Eastern Oklahoma. **T. C. BOWLING,** Owner, Pryor Creek, Okla.

A FEW BARGAINS NEAR WAGONER, OKLAHOMA.

200 acres, 5 miles from town, good new 5-room house and barn 60x80, all tillable. Price \$38 per acre. 40 acres 1/2 mile from Wagoner. All smooth, fine land, every acre tillable. Price \$37.50 per acre. Write **W. H. LAWRENCE,** The Land Man, Wagoner, Okla.

MISSOURI LAND

IMPROVED corn, clover and bluegrass farms 40 miles south Kansas City. \$50 to \$75 per acre. **Jot M. Wilson & Son,** Harrisonville, Mo.

SEND for my new list of 3 dozen farms, 90 miles east of Kansas City. Every one of them worth the money. **J. K. McConnel,** Ionia, Mo.

MISSOURI FARMS, 50 miles east of Kansas City on Mo. P. Ry., in Johnson Co. We raise corn, wheat, oats. All tame grasses. Call, or write me at bank. **JOS. GREAVES,** Kingsville, Mo.

IF YOU WANT TO BUY a good farm in southwest Missouri or city property in Springfield, Mo., write **A. B. Crawford,** Springfield, Mo.

MISSOURI FARMS. For sale or exchange in Morgan county, where corn, clover and bluegrass grow to perfection. Prices from \$10 to \$65 per acre, on liberal terms. Write for county map and list both free. **CREWSON & HARRISON,** Versailles, Mo.

DO YOU WANT TO SELL YOUR FARM? Write us, we will give you good information. **Hoffman's Compiled List Report, 323 Sedgwick Block, Wichita, Kan.**

WEBSTER COUNTY, MO., farm lands, \$20 up. Prices advancing rapidly. Now is the time to buy. Our land list gives prices and descriptions. Free list with map if desired. **R. S. Phillips & Co.,** Marshfield, Mo.

IN THE OZARKS. Dairy, truck, poultry and fruit lands \$5 to \$50, accordingly, on terms to suit. I own over 100,000 acres and can give you what you want. Large illustrated folder, list and maps free. **P. H. RUCKER,** Rolla, Mo.

IF YOU WANT A HOME in the Ozarks, where the water is pure, write for my free list. Low prices. **G. W. Peck, Dixon, Mo.**

MISSOURI. The home of corn, clover, bluegrass and fat stock. Lands in the heart of this great state for less than Central or Northeastern Kansas lands. Write for list, sent free upon request. **BARTHOLOMEW & SLACK,** Calhoun, Missouri.

MISSOURI FARMS. Well improved farms in best farming section of Missouri, \$50 up. Ranches \$10 to \$25. Natural h of corn, clover and bluegrass. Abundant of pure spring water. Descriptive list free. **FREDERICK,** Cole camp, Benton Co., Missouri.

5,000 ACRES cheap farm land, tracts to suit; Green county; part improved; balance good timber; good soil and water; \$10 per acre upward; liberal terms; descriptive literature free. **Ozark Land Co., 305 1/2 Boonville, Springfield, Mo.**

CORN, CLOVER, BLUEGRASS — BEST IMPROVED FARMS IN MISSOURI.

640	.....	\$55.00
340	.....	45.00
260	.....	60.00
320	.....	60.00
820	.....	67.50
120	.....	65.00
160	.....	60.00
80	.....	60.00
210	.....	45.00

For full description, terms, etc., address **J. P. HART & CO.,** Butler, Mo.

HONEY. NEW ALFALFA HONEY—TWO FIVE-gallon cans \$10.00. Broken combs, 70-lb. cans \$7.00; Fancy comb \$2.25 per case; 24 sections No. 1 comb \$8.00. **R. A. Hopper,** Rocky Ford, Col.

POCKET MAP OF OKLAHOMA, FREE to anyone sending us the address of five farmers who expect to change their location. Caddo County Farm Bargains.

BALDWIN & GIBBS CO., Anadarko, Oklahoma.

INDIAN LANDS FOR SALE.

\$300 choice farms in N. E. Oklahoma. Low prices and easy terms. Write for map and price list. **LEAVITT LAND COMPANY,** Vinita, Oklahoma, Agents Wanted.

CORN, OATS, WHEAT

and alfalfa and all staple crops grow to perfection here in the garden of Oklahoma. Prices reasonable. Write for list and descriptive literature. **C. E. POCHEL,** Newkirk, Okla.

FOR SALE.

A well improved bottom farm of 584 acres on Grand River, six miles or railroad town. This is one of the best farms in Oklahoma. No overflow. No trade. Price \$50 per acre. Write **J. T. RAGAN & CO.,** Vinita, Okla.

125 ACRES IN WHEAT.

Fine 1/4 section, 7 miles of Medford, 4 miles of railroad town, 250 acres in cultivation, 35 a. pasture, fenced hog tight, \$5 a. stock pasture all fenced, 2 sets buildings, good water, orchards, 2 miles to school, good land, price \$15,000.00 for immediate possession, terms to suit. **BATTEN REALTY CO.,** Medford, Okla.

FOR SALE

Good corn, wheat and clover farms in Bates Co., Mo. **C. W. HESS,** Butler, Mo.

BATES COUNTY wheat, corn, bluegrass and clover farms, \$50.00 an acre and up. All well improved, money makers from the start. Write or see **CANTERBURY & CO.,** Butler, Mo.

MISCELLANEOUS FOR SALE and EXCHANGE COLUMN

BUY OR TRADE with us. Send for list. **BERSIE-MEREDITH,** Eldorado, Kansas.

FOR SALE AND EXCHANGE.

Kansas and Missouri farms for city property, stocks merchandise, and other farms. Describe what you have; will make you a good trade. List your farms for exchange with us. **H. B. Woodward Real Estate and Investment Company, 264 N. Y. Life Bldg.,** Kansas City, Mo.

FOR SALE OR EXCHANGE.

Northeastern Kansas corn, clover and bluegrass farms, stocks of merchandise, etc., for other good propositions. Lands are steadily advancing in price; now is the time to invest. Write or see us. **C. W. HINNEN REALTY CO.,** Holton, Kansas.

STOCK MERCHANDISE FOR SALE

Good clean stock merchandise in northeastern Kansas town. Will invoice about \$17,000. Want land. Eastern Kansas farm preferred. Other snaps. Write me your wants. **O. C. PAXSON,** Meriden, Kansas.

FOR EXCHANGE.

A 7 room, modern new house in Mount Washington Addition, Kansas City, Mo., for Missouri land. Price \$3,500. 5-room house and one lot on car line, in Joplin, Mo., for Mo. land. Price \$3,000. Many other good propositions in Oklahoma lands. **J. JOE CAVEN,** Fargo, Okla.

FOR EXCHANGE—wild lands, farms city property and stocks of merchandise, for other good propositions. Describe what you have to offer. Exchange list free. **H. B. Wann, 205 Campbell, Springfield, Mo.**

YOU WANT TO MAKE MONEY

you would like to be independent. Buy an orchard tract. Many are making 25 per cent on investment. Write for literature. Special rates on R. R. **T. N. CASTLES,** Room 221 Sonna Bldg., Boise, Idaho.

PURE BRED POULTRY

POULTRY RANCH FOR SALE. One of the best poultry ranches in the state. Two acres adjoining Washburn college campus, 9-room house, cellar, cistern, well water, barn. Best poultry house in county. Fruit and ornamental trees. Price \$4,000, half on time if desired. No trades. **FOULTRYMAN,** Kansas Farmer Office.

D. C. YOUNG STRAIN of S. C. White Leghorns, prize winners at three state shows. Eggs, \$1.50 for 15; \$6 per 100. Barred Rocks, "Ringlet" strain, \$2 for 15. Eggs packed with care. **C. H. McALLISTER,** Carmen, Okla.

KANSAS FARMER EDITORIAL

BEET SUGAR PRODUCTION.

The amount of sugar produced from beets is now about equal to that from cane. At the present, there are 66 sugar factories operating in the United States. According to one of the experts, 400 factories must be built before the production of sugar will supply the demand. The world's total output of cane sugar last year was 7,844,328 tons. In the United States last year, 457,562 tons of sugar from the beet were produced and the world's total of that commodity this year 6,651,354 tons. The United States consumes about what is produced within its borders. Hawaii, Porto Rico, and one-third of the product from the Philippines, and much of the whole from the Cuban fields. In addition, considerable is imported from foreign fields. Most of the beet sugar in the United States comes from Colorado, California, Idaho, Utah, Michigan, Wisconsin, Illinois, Arizona, Iowa, Kansas, Minnesota, Montana, Nebraska, New York, Ohio, Oregon and Washington.

California leads all the others with beet sugar. Colorado stands second and Michigan third. Michigan has 16 factories in operation. Kansas, as a recent communication to the State Agricultural College at Manhattan shows, is fast increasing its output. The efforts of the college to help the farmers in installing irrigation plants in the semi-arid region is expected to assist materially in this respect.

Our weather map this week shows a record of very reasonable weather for the maturing of the corn crop and reports from subscribers indicate that the majority of the fields are so well along that nothing but a hard freeze would damage it. The hot, dry weather of the past week or two has done much to establish confidence in the maturity, in good shape, of the corn crop, and the greatly increased acreage promises a record yield. The area planted to corn has been unusually large in all or nearly all of the corn belt states, and the crop is now so far matured that it is believed that the amount of marketable grain which will be harvested this fall will far exceed that of any previous year. It will certainly exceed any in value.

The American Royal, which is each year adding so much to its entertainment programs, afternoons and at the evening horse shows, has each year a larger and larger attendance of women. Their comfort will be particularly guarded at the show grounds this year, and the especial feature for their pleasure will be a rest room provided with chairs, tables, lounges and attendants. It's quite a task to view all the live stock at the Royal; many women, and men, too, spend the afternoons in the pavilion, watching the classes as they are judged, but even then the women get tired—and this rest room is the means of their refreshment, preparing them for the night shows. It will be especially welcome to women taken ill, or those in poor health who need frequent rests.

A special civil service examination will be held on Nov. 9, 1910, for the purpose of securing a list of eligibles from which appointments may be made to the position of Animal Husbandman. These places pay salaries ranging from \$900 to \$2,040 per year and the examinations will be held in each state at points to be designated later. Full information, together with the necessary blanks, may be had by addressing the Civil Service Commission, Washington, D. C. Ask for form 304.

And now they have a corn show in New England. Canada is making special efforts to develop the corn plant under northern conditions, while at least one southern state has practically abandoned cotton for King Corn. Perhaps corn is the most valuable plant in American agriculture and this fact, with the rapidly increasing demand for it, has served to broaden its area. It is not likely that this area will grow too rapidly or too large. More and more each year the wheat fields of the wheat belt are giving away to corn and alfalfa and in this change there comes a renewed productiveness of the land, and a prosperity.

With which I combined FARMER'S ADVOCATE, established 1877.
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CHICAGO OFFICE—First National Bank Bldg., Geo. W. Herbert, Manager.
NEW YORK OFFICE—41 Park Row, Wallace C. Richardson, Inc., Manager.
Entered at the Topeka, Kansas, postoffice as second class matter.

SUBSCRIPTION PRICE—\$1.00 per year; \$1.50 for two years; \$2.00 for three years. Special clubbing rates furnished upon application.
ADVERTISING RATES—25 cents per agate line, 14 lines to the inch. No medical nor questionably worded advertising accepted. Forms close Monday noon.

PUBLISHERS' GUARANTEE TO SUBSCRIBERS—KANSAS FARMER aims to publish advertisements of reliable persons and firms only, and we will make good to any paid-up subscriber any loss he may suffer through fraudulent dealing on the part of any of our advertisers, provided complaint is made to us within thirty days after the transaction, and it is shown that the subscriber, in writing to the advertiser, plainly stated, "I read your advertisement in KANSAS FARMER." We do not, however, undertake to settle, or be responsible for, the debts of bankrupts, or for petty or trifling disputes between a subscriber and an advertiser, although we extend our good offices to that end.

PICTURES—Good photographs, drawings and plans are especially solicited. Senders' names should always be written on the back of each picture. KANSAS FARMER cannot be held responsible for any picture submitted, except under special written agreement.

CONTRIBUTIONS—KANSAS FARMER is always glad to have correspondence on all farm, live stock or household subjects. Your name should be signed to all communications and they should always be addressed to
KANSAS FARMER COMPANY, TOPEKA, KANSAS.

COLONEL HARRIS MEMORIAL.

The committee appointed by the Kansas Improved Stock Breeders' Association to secure funds for the erection of a suitable memorial to the late Col. W. A. Harris desires to call attention to the fact that its books are still open and Secretary F. D. Coburn of the State Board of Agriculture will receive contributions. The committee has met with a liberal response from many friends of Colonel Harris, but desires to give all a chance to participate.

Colonel Harris did a large work for Kansas and his friends were numbered by thousands. A suitable tablet or other memorial erected by these friends would be but a fitting tribute to the memory of one of the really great men of the state.

Too little attention is paid by many people to the observance of the game laws of the state, and in rare instances this may be due to ignorance of the law. This, however, is not the general reason. It is a pure disregard of the rights of others. This matter is now being handled by the farmers themselves in their usual vigorous manner and strict observance of this law is more nearly possible now than ever before. For general information the Department of Agriculture has issued Farmers' Bulletin 418, with full information about the game laws of the several states. Your congressman can furnish this bulletin free.

Here is an astonishing question asked of its subscribers by the KANSAS FARMER: "What kind of automobile do you use?" Now what do you think of that? The eastern tenderfoot must at once conclude that all the farmers in Kansas are in the automobile class. Fortunate Kansas! —Farm Journal.

Well, not all but all who want them. In proportion to farm population Kansas probably owns as many automobiles as any other state, and they are all bought for cash. The increase in number of farmers' automobiles in Kansas last year was 130 per cent over the preceding year, as compared with an increase of city owned automobiles of only 70 per cent.

It is one thing to buy or breed good farm animals but it is a different thing to sell them. The man who produces a perfect specimen of a pure bred animal has proved himself an artist, and as such is entitled to his mead of praise, but this animal is of little real worth from a business standpoint if the owner cannot sell it or its progeny at remunerative prices. Breeding is business and business is buying and selling. The breeder must be a good seller if he would succeed. Good advertising is just a part of successful breeding operations as is good blood lines and good feed. All are necessary and one no more than the others.

THE STATE CORN SHOW.

Preparation is being made for the State Corn Show, which occurs at Manhattan during the last week in December. This show is put on by the Kansas Corn Breeders' Association and is held in connection with their annual meeting. The State Corn Show has since its beginning been the big corn show of Kansas. Hundreds of farmers have been in attendance during these meetings and as many others as possible should plan to be present. The Corn Show is held in the Agricultural College buildings and approximately \$1,000 in premiums is offered for prize samples of corn. Premiums are offered for the best ten ears of yellow, white and other varieties. This show is also preliminary to the National Corn Show, which will occur the last of January at Columbus, Ohio. Entries to the National Corn Show must be made through the State Corn Show.

Besides the corn show the annual meeting of the Corn Breeders' Association will be held at this time. Speakers of note will be secured to lecture on corn, grain and other agricultural subjects. Members of the association and farmers interested in the improvement of corn and farm crops should plan early to make an exhibit and attend the State Corn Show.

For further information regarding entries for exhibit and regulations inquire of E. G. Schafer, assistant secretary of the Kansas Corn Breeders' Association, Manhattan, Kan.

Governor Herbert S. Hadley will contest with other corn growers in the corn exhibits of the Missouri State Fair, which will open its gates to the public for the tenth time next week. Governor Hadley is a Kansas boy and his early training shows in his later life in his active farm work and his efforts to raise the best.

One of the most timely bulletins that has lately been issued by the Department of Agriculture is numbered 415 and has to do with seed corn. The writer of this bulletin is Mr. C. P. Hartley, who has long been the corn expert of the Department and who is a graduate of the Kansas Agricultural College. Your congressman can secure this bulletin free for you.

Here are the names of the K. S. A. C. boys who took advanced stock judging at the St. Joe Fair this week: J. W. Benner, O. C. Crouse, H. Grandfield, E. Larson, H. E. Skinner, R. Small, P. G. Small, C. A. Hazzard, L. E. Weckman, H. P. Wood, O. York. Benner and Hazzard are Vets., the rest are A. H. students. The team that will represent K. S. A. C. at the American Royal at Kansas City in October, and the International at Chicago in November, will be chosen from this list.

THE BLACK WALNUT.

The black walnut is one of the most valuable and desirable of forest trees to grow. It is a tree that possesses a very pleasing appearance and after about the tenth or twelfth year yields nuts of considerable value. The pleasure of "walnutting" is one of the happy recollections of all who have enjoyed the good fortune of spending their youth in a region where walnuts grew.

It is one of the easiest trees to grow and it adapts itself readily to a variety of soils and climatic conditions. Naturally the black walnut grows on heavy, rich soils within a few feet of water. However, there are thousands of walnut trees growing and yielding nuts in Western Kansas that were planted by the early settlers. The success of these trees proves the possibilities of the walnut under Western Kansas conditions. In that region the walnut should be planted along ravines so that the trees will be favored as much as possible by more congenial conditions than exist on the higher situations.

The walnut trees are easily grown if the nuts are planted where the trees are to grow, but they are very difficult to transplant. The nuts, which ripen in October, may be planted as soon as they are gathered, or they may be stratified until spring, and then planted. In either case the nuts must never be allowed to become thoroughly dry, as drying seriously injures the germ. The nuts should be planted only in land that has been under cultivation for some years, for trees rarely make a satisfactory growth in newly broken land. The nuts should be planted about three feet apart in furrows four or five inches deep; the furrows should be filled in with the cultivator immediately after the nuts are planted. The furrows in which the nuts are planted should be at least 10 feet apart. If all the nuts grow, this spacing will be found to be too close for the trees to make their best growth. However, some of the nuts will not grow and others that start, will, on account of various causes, fall from time to time; so that by the time the surviving trees come into bearing, the stand will be none too dense.

After the walnut trees are 5 or 6 years old it is often advisable to "under-plant" them with such trees as the box elder, green ash or red cedar so as to shade the ground more completely. Shading the ground and keeping out weeds and grass is a factor of vastly more importance in tree culture than most people are willing to believe. The walnut is especially sensitive to sod-bound soil and it absolutely refuses to endure the trampling of the ground around it by live stock. This is clearly shown in every instance where timber land is included within pastures; the black walnut is always the first tree to die from the effects of the stock trampling the ground around them.

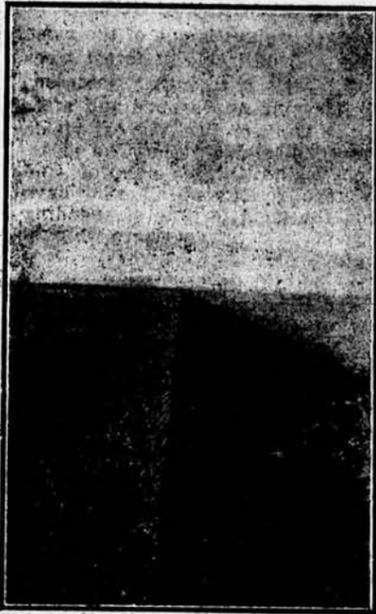
The black walnuts in the eastern part of the state are bearing a heavy crop of nuts this season and the Kansas State Agricultural College is doing all it possibly can to encourage the planting of a large quantity of nuts in the western part of the state. The extension department is working through the county superintendents of public instruction. The superintendents and teachers in the eastern counties are gathering walnuts to ship to superintendents in the western part of the state to be given to boys and girls who will promise to plant and care for them.

The state forester, whose office is at the Agricultural College, is expecting to gather at least 500 bushels of walnuts that will be shipped into the western part of the state to be planted. These nuts will be supplied to persons wanting them to plant in lots not to exceed one bushel at actual cost of gathering and shipping. There are between 1,000 and 1,200 nuts per bushel and this quantity is sufficient to start a very nice little grove. All who are interested in getting a walnut grove started and are ready to plant the nuts this fall or next spring should write to State Forester, Manhattan, Kan., for application blanks. The estimated cost of the nuts is 50 cents per bushel, plus the freight charges. Application for nuts should be made at once to insure your order being filled.

Physical and Moral Benefits of Good Plowing

A Contest That Has Been Held for Thirty-three Years

By CHESTER O. REED, Urbana, Illinois



A model job of plowing at the Wheatland, Ill., plowing match.

In this day of "stock exchanges" and "boards of trade," a time when the farm lad is attracted by the noise and excitement of luring city life, and yearns to leave an independent life on the old farm, the question is asked, "What can be done to make farm life more attractive and more profitable?" One answer, and one of no little consequence, lies in the achievements of the Wheatland Plowing Match, an annual contest held in the township of Wheatland, Will county, Illinois.

This is the oldest and most influential contest of its kind in the Middle West, if not in the United States. The thirty-third annual meet was held September 17 near Plainfield, Ill., with an attendance of 6,000, giving assurance of the popularity and sincerity of the affair as an educational and social community benefactor. Let us briefly glance at a historical sketch of the match and see just how its influence has worked such benefits.

It was early in the 70's that progressive farmers of Wheatland got together to organize some agricultural institution that would serve to unite the farmers of the community into a closer relationship, and would lend an impetus to agriculture. The Plowing Match resulted, and it was soon evident that a broad step had been taken toward the desired end. The successes of the contests gave such assurance of the benefits of the new enterprise, and the ideas of the promoters had worked out so nicely relative to plowing, that a side step was taken by offering prizes for the best kept farm, the most productive farm, and the farm bounded by the best kept roads, in Wheatland.

All this produced a keen and good natured competition. Competition, we

know, is one of the strongest forces which leads to perfection. Each farmer tried to outdo his neighbor, and this required perseverance, care and skill. These qualities soon spread to other farm operations, and branded not only the quality of the work done, but they became imbedded in the very nature of the contestants. As the result Wheatland was soon recognized to be the best farmed, and most productive township in Illinois.

Nor can we overlook the psychical benefits derived. That idea of beauty and system in all things, which had been instilled into the very characters of the Wheatland farmers, called forth an order in conduct and decorum. This resulted in greater promptness, truthfulness in all actions, neatness, and a craving for advancement—ideals for which the best of us should strive.

Besides these educational features of the match, which have been working their benefits for years, there is another—the desire for good plowing. But few farmers realize the necessity of good plowing for the best results. They fail to realize that good plowing is an art, and that it invites a good crop in the fundamental tillage operation. "Well plowed ground is half worked." To leave uncovered trash invites trouble in the following operations, and somewhat retards

growth. To obliterate objectionable creases between furrows, even plowing must result, which, in turn, demands the straightest plowing possible. The soil should be turned up as much as possible to the sun and atmosphere, into a surface of excellent conformation, and not until the plowman is content with the degree of pulverization that he is getting should he feel satisfied that his plow is plowing.

The plow is not a simple machine requiring only a bunch of muscle to guide and a guess to manipulate. It is a machine to be respected, and its work should be heeded in different soils, in varying soil conditions, and in working at different depths.

The usual marvelous plowing was accomplished at the recent match. Furrows were plowed so straight that the eye could detect no variation throughout their length, and that meant for a distance of some 40 rods even, round, neat furrows were thrown up into a surface of excellent conformation absent of uncovered litter. Even the work of the boys at these matches puts to shame 99 per cent of the plowing seen throughout the country, and calls down rebuke upon careless farmers who are allowing a neglect to exist which is not only gnawing into the profits of the farm, but it is also robbing the com-

munity of that beauty that the careful husbandman prizes, and is putting the stamp of carelessness on the farmers' lives. To see a 13-year-old boy weighing 75 pounds adjust his plow to meet the condition of a strange soil, and then turn up a half acre of ground in a manner that vies with the ideal workmanship of the older plowman only suggests what can be done by a little care, perseverance and study.

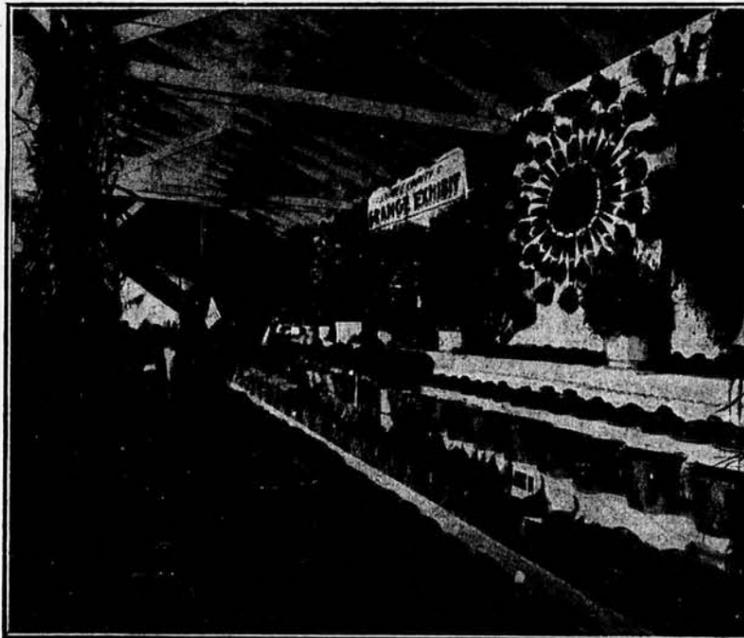
The social sides of these matches cannot be slighted in a sketch, for the advantages derived in this respect are nearly as many as those of the educational side. Not only do relatives of the neighboring townships get together for a family dinner in picnic style, but their city cousins flock from nearby towns to enjoy the day. The exclusion of vendors, fakirs and side shows from the grounds lends an air of refinement not found at the county fair. Nowhere has the writer witnessed an environment so impressive of good fellowship, intimacy and social sincerity as seems to predominate at these matches.

A grain show and ladies' fair lend their attractions to the affair as an argumentation to the ideal whole, and credit must be given to the ladies for that reputable chicken dinner served in the ladies' tent.

The team plowing is done between the hours of 9 and 11. The afternoons are spent in social intercourse, in inspecting manufacturers' exhibits and in watching traction plows at work. Not until sunset did there seem to be a decrease in the 1,500 vehicles present, and as the rigs made off, homeward bound and filled with enthusiasm, young and old, it was evident that anticipation for the next year's meeting was already arising.

In judging the plowed plots the usual scale of 100 points is used, consideration being given as follows: Straightness of furrow, 30 points; evenness of furrows, 30 points; conformation of furrows, 25 points; neatness, 15 points. There are classes for men and boys using walking and riding plows; a post graduate class for men, who have won a cup for two successive years in any plowing match, and a Prize Winners' Class for the men who have won a first premium. The work of William Fairweather, the winner of the gold medal in the Post Graduate Class, is deserving of special mention. Mr. Fairweather has plowed in the Wheatland Match for 22 years, and has won 17 first prizes. This would seem to entitle him to be rightfully called the champion sulky plowman of the United States.

Thus we have seen some of the merits of the famous Wheatland Plowing Match. If more of such contests could be started throughout the country, with the ideals, scope and sincerity of the Wheatland idea, can we overestimate the result? An impetus would be loaned to general farming that would assume in no way small proportions.



Co-operative Exhibit Made by the Eight Granges of Shawnee County at the Kansas State Fair, Topeka, Kan.

The Club Woman and Conservation

Address of MRS. H. L. HOLLISTER, Pueblo, Colorado

I am proud, as president of the Colorado Federation of Women's Clubs, representing about 8,000 women, proud as the representative of that greater organization, the General Federation of Women's Clubs, and proud beyond measure that I come to you as a citizen of the United States—not a suffragist, but a citizen.

Women in Colorado were not clamoring for citizenship when it was given them, but the Centennial state could not be other than strong, sound and progressive. The Colorado man was filled with a sense of fairness and justice. He realized that his half shared the moral responsibilities, burdens and blessings without having a like share of civic protection and freedom. He was unwilling to hamper his wife and daughter by injustice and himself chose to share to the world her mental strength and ability, by demanding for her on the statute book a place part from the strange company in which chivalrous loyalty to her feminine superiority had so long kept her

from the contamination of politics; viz., idiots, criminals, women and insane, all occupy the same pinnacle. But I come to talk of good citizenship only as it pertains to the work of women and women's clubs in their attitude of co-operation towards conservation.

You will understand, however, that no Colorado woman could fail to avail herself of an opportunity to pay tribute to the best men on earth. You are fortunate if she does not launch out upon the subject of the best man on earth.

Woman's work and conservation mean largely the same thing. Whether by right of citizenship or only by moral suasion, she must stand for things that mean most to humanity: conservation, life, health, love, happiness, children and home; working for an education that shall instill into our youth an active conscience, a clean comprehension of life and its

responsibilities, an intelligent understanding and love of nature, that counts it dishonor to take from her without paying tribute and making a just return.

Less than two years ago the waterways committee of the General Federation of Women's Clubs began its real work with the appointment of Mrs. J. D. Wilkinson of Louisiana as chairman and a happier choice would have been impossible.

Knowing that future success depends upon present education, the committee has taken up the task with determined energy. It has been represented at seven great conventions and many addresses on "The Development of Waterways" have been made before educational and civic bodies in every state.

From the chairman's office have been sent out 1,800 letters and 50,000 pamphlets and circulars in sixteen months.

Louisiana has the honor of being the first state to introduce conservation in the public schools, a resolution to have conservation placed in future text books, not as a separate study, but as an integral part of related subjects, was adopted by the State Teachers' Association.

Michigan has introduced the study of "Waterways" into the county schools in connection with the study of geography, while in almost every state, clubs are coaxing students to take sugar coated pills of knowledge, by contributing to, or giving prizes for the best essays on waterways, forestry and conservation.

California, Michigan and Nebraska are foremost in the struggle for a pure water supply. In the latter state every city except Omaha reports such a supply, while in the former the waterways committee of the California Federation of Women's Clubs has sent to schools and clubs printed slips, addressed to children, housekeepers, picnickers, campers and farmers, making a strong plea for

(Continued on page 8.)

PINES FOR PROFIT

By A. H. GRIESA, Lawrence, Kansas

The pines shown in the accompanying illustration are along the roadside. At the south are Scotch pines, while those beyond the slope to the northward are Austrian pines. They made a fine growth, some years two to three feet in a season. I had planted the Catalpa speciosa along the same way but having the pine trees a few years later set half way between each catalpa, the pines outgrew the catalpas. So two years ago I cut them out and used them for fence posts, leaving the pines twenty to thirty feet apart. The size of the two kinds is nearly the same, the only drawback to Austrian pines being that some are subject to a leaf blight or rust that can be seen in the young trees in the nursery and all such should be rejected, as it will continue on those same trees. A neighbor saw the difference when I mentioned it to him and he planted a row each side of his drive way for some forty rods. All the trees are perfect and the uniform habit of

Hybrid catalpa, 15 inches; European Linden, 15 inches; Russian mulberry, 14 inches; white ash, 16 inches; and the coffee bean tree is 14 inches in diameter. Norway spruce and American arbor vitae make fine trees, but being so branched I could not get near to measure them.

The row of pines shown in the photograph were set out some eight to ten years later. They grew two to three feet in a season and are now about 40 feet in height. If a man wished to make money with very little labor he could plant any of the above pines in eastern Kansas, say five to ten feet apart, and he would have a fortune in years, as they make valuable lumber, fine shade and shelter, and add beauty to the landscape. If I were planting trees for beauty as well as usefulness, it would be the cypress. The next choice for eastern Kansas is the white pine, and the Austrian pine for any place in the state. The Austrian pine will endure all drouth and heat short of fire. Its



Austrian Pines and Catalpa Trees on the Farm of A. H. Griesa, Lawrence.

that kind makes it very desirable for such planting. When I saw the difference in the growth of the trees I decided to plant another row on the south line of the place and used the cypress, it being the most rapid grower, and the most handsome tree on my place. Strange as it may seem the cypress is a native of the southern swamps and yet it is just as hardy in our climate with its dry seasons as any tree here. That row was set alternately with Catalpa bungei (the umbrella trees), the latter to be removed as soon as the cypress need the room. But that makes an ideal row and will be better with years to come.

The size of the trees is an essential element in planting. In the variety planted in spring of 1881, I find many sizes as might be expected. I will give the correct diameter of some kinds, but the height is mostly estimated. The cypress is 26 inches in diameter and over 50 feet high; the hackberry is 25 inches and nearly 45 feet high; the white pine is 21 inches and 45 feet or more; Catalpa speciosa, 16 inches and 35 feet; Scotch pine is 16 inches; Austrian pine is 20 inches; white elm, 20 inches; sugar maple, 13 inches; red cedar, 11 inches; Teas

hardiness as well as its sure, steady growth is remarkable. No deciduous tree can equal it, but it needs attention the first season after transplanting to start it. We enjoy the trees on our lawn for the shade and shelter from winds, as well as the good places we have for hammocks. We can hang a hammock between a Scotch and white pine, from a sugar maple to a white pine, or from an arbor vitae to a Norway spruce and any time in the afternoon one can have a dense shade and breathe the fragrance from the evergreens the same as if in the mountains, and the ground is as completely covered with leaves as in the forest.

Friends who see them remark on them in funny ways. One old lady said: "You have no need to die." When I asked what she meant, she said: "This ought to be heaven enough for you. It could not be more so elsewhere." Some think they feel better for a few minutes breathing the air among the trees "like medicine." Any one can have such trees if they will, and I hope they will multiply rapidly. There are now some people planting the pines for road trees here, after seeing the success mine have made.

Insects and Alfalfa.

It has been discovered that the honey bee is of even more importance to the alfalfa than the alfalfa is to the bee. The wonderful strength and speed of the bees take them long distances for their food, and they have recourse to a great variety of plants. But the peculiar construction of the alfalfa blossom renders it unable to fertilize itself and its shape makes cross fertilization very difficult.

At the Kansas Experiment Station got anything to do, "get busy."

a small plot of vigorous alfalfa was covered just before coming up into bloom with mosquito netting supported on sticks. It was therefore known that no bees or other insects would come into contact with the blossoms. Later a careful examination disclosed that the pods which had formed were entirely without seeds.

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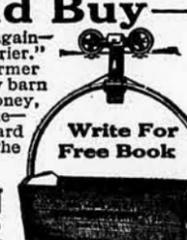
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It is no longer a question of whether or not a first-class cleaner, separator and grader is a necessity on the farm, for all farmers now realize the importance of grading and cleaning grain.

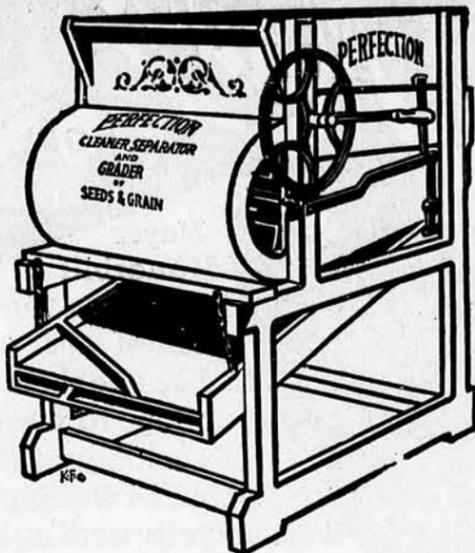
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We are now selling this machine direct to the farmers, thus saving to them the profits that go to the jobber and middleman. If you are interested, write us for particulars and prices.

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LIVE STOCK



Permanent Hog Houses.

In building a permanent hog-house, attention should be given to the following details: (1) The pens should be about 8 to 10 feet wide and 10 feet deep; their number being determined by the number of swine it is proposed to raise each year. (2) They should be arranged to face a central alley, with doors at each end, wide enough to permit of a wagon being driven through. This will enable straw to be hauled in for bedding; the manure hauled out; and during the fattening season corn may be hauled in direct from the field, and scattered on the feeding-floors; also the slops, milk and water for the troughs. (3) The nests entered from two adjoining pens should be together, and the doors of each pair of pens should be together, so as to avoid drafts over the nests. The troughs should be together in pairs, like the nests, and the openings from the alley into the pens should be opposite the openings through the outer walls. (4) The most suitable floor is one of cement, with wooden panels

to be placed upon it during the farrowing season. The floors of the pens should drain toward either side of the central alley, into a drain which slopes from the center of the building toward each end. The drain can usually be located just under the feeding-troughs. (5) Over the troughs, as before noted, should be swinging panels, so that the slop feed can all be put into the trough before the pigs are admitted to it. Also, the fenders, as before spoken of, should be provided for the protection of the young pigs against the sow. (6) The partitions should be of plank or heavy wire-meshed panels, which may be removed when the house is not desired for farrowing purposes.

The walls of the house should be so constructed as to insure warmth. An ordinary wooden frame, sheathed, tar-papered, and with siding over the paper, is warmer than a brick or cement wall, unless such wall is carefully built, with ample air-spaces included in its thickness.

The building should run east and west, so the south sun may shine in all day long. The "broken roof" is desirable, as admitting the most light. It should be supplemented, however, by an abundance of windows. If roof and windows do not afford sufficient ventilation, ventilators may be placed on the roof. For this purpose, ventilators should be used that have little turrets which are moved about by the wind, so that ventilation is always permitted to take place, but the wind cannot blow down through the ventilator. In this way drafts may be avoided.

Not enough attention is paid to the lighting of the hog house. In the accompanying sketch the building at the top shows the ideal method of lighting as by the use of this form of lighted roof the rays of the late spring sun which are so valuable at farrowing time will strike all parts of the pens and bring warmth and comfort to both sow and litter. The outline drawings 2 to 5 show how not to do it, although these methods of lighting are the ones in common use.

No. 2 shows a small light in the upright portion of the broken roof and none on the slope. No. 3 shows long, narrow windows reaching the entire length of the roof slope but affording poor lighting because the lights alternate with broad roof



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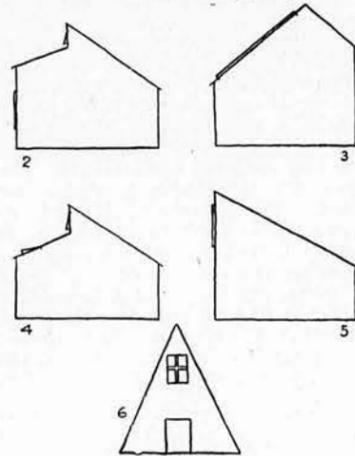
Remington Autoloading Rifle—the modern big game rifle of the world—loads itself by recoil. Five shots can be fired before the first ejected cartridge strikes the ground, yet the rifle is under perfect control and each of the one ton knock-down blows can be exactly timed.

Remington Autoloading Shotgun—the climax of 20th century gun production, representing the best in mechanical ingenuity—hammerless, solid breech, automatic ejector, repeater of 5 shots, it combines the advantages of all shotguns with the advantage of being autoloading, absolutely safe and having a minimum recoil.

Remington .22 Repeater—equipped with a solid steel hammerless breech—the Remington Idea. Shoots .22 short, .22 long and .22 long rifle cartridges without adjustment. You can clean the barrel from the breech—shoving the dirt out of the muzzle.

Game Laws for 1910 mailed free

THE REMINGTON ARMS CO., Agency, 299 Broadway, New York City



spaces. No. 4, is similar to No. 1 except that the upper row of windows on the roof slope is absent. No. 5 has no windows in the roof and only small ones near the top of the higher wall. No. 6 is a farrowing and nursing cot with windows in each end.

While the building shown in No. 1 is by all odds the best lighted and ventilated it can be modified to suit.

Write Our Advertisers About Anything You Need, Mentioning the Kansas Farmer

The Farmer And The Miller

EMMETT V. HOFFMAN, Enterprise, Kansas.

The miller is interested not only in the quality of flour a given variety of wheat will produce, but also by the yield of flour per bushel. Flour is usually worth about three times as much as shorts and bran, hence the importance of a large yield of flour.

Bran and shorts sell for much less, pound for pound, than wheat and the miller is confronted by an actual loss on every pound of bran and shorts he turns out.

Strange, as it may appear, the plump grains of the yellow berry produce less flour than the smaller dark colored grains of Turkey.

Records show that the dark Turkey yields about a pound more of flour per bushel than the soft plump yellow berry. This alone, to say nothing of quality of flour, makes the dark Turkey worth 1½ cents more than the yellow berry.

Some years ago we experimented with Macaroni or Durham wheat. The yield was about 39 pounds per bushel or about 5 pounds less than the best varieties of Dark Turkey. The market for Macaroni flour has not been established and we discourage its introduction. Nor is Macaroni or Durham a better drouth resisting wheat than is Hard Turkey. The only advantage that can be claimed for it is a spring crop and can be planted when other wheats are a failure.

Preparing the wheat by cleaning and "tempering" it before it is ground, is of great importance. The purity of flour depends, primarily, upon absolutely clean wheat and this can only be secured by elaborate and intricate machinery carefully operated.

After wheat is bought at country stations it is on arrival at mill run through a receiving separator which takes out straw, chaff and most of the weed seed, and put into bins until wanted for grinding. It then goes to the milling separator, which by close separation and heavy air blasts takes out cracked grains of wheat, the remaining weed seed and other foreign matter. By being subjected to a continual blast of air, the dust and dirt mixed with or adhering to the grains is blown away. From the "milling separator" the grain goes to the "scourer," a machine that by attrition rubs off the fuzz and dirt still adhering to the berry. After being scoured the wheat is moistened and sent to the "tempering" bins, where it remains until all the berries are of equal temperature and moistness and the bran is loosened.

After the "tempering" the grain is again "scoured" by appropriate machines which remove what is technically known as "bee wing," fine light particles of bran. From the second scouring it goes directly to the first break rolls. The whole process, from the inspection of the grain and the selection of the suitable varieties and grades to its final wind up in the cotton bag appropriately branded, is under the supervision of the head miller and his assistants.

Milling is a science and an art and has about reached its perfection in the way of securing all the flour and other products there is in wheat.

I cannot resist the temptation of saying something in reference to relations between the grower of grain and the local country buyer.

There has been so very much said in reference to the exorbitant profits made by grain buyers and so much unfair agitation that the subject has not received fair consideration either on the part of the buyer or the part of the grower. The difference between these two is, after all, a minor difference, and if the grower of grain will treat with the same consideration the man to whom he sells as he does the man from whom he buys there need be no misunderstanding or difference between them. It is a certain fact that those who engage in buying grain at country stations are not nor do they pretend to be philanthropists. They are engaged in that business for the purpose of making profits. The seller of grain in marketing his product should take into consideration the fact that the elevator man is in no sense a public institution and that prices set by him for grain are the prices at which he desires to buy,

that if the prices are inadequate to the grower he can either deliver to some other elevator or if he has a car load can ship directly to the market. The grower should also take into consideration the fact that the buyer of grain at country elevators is practically at the mercy of those who gamble in the food products of the world, that there is no possible method of anticipating violent fluctuations in the market and that buying during the time of greatly disturbed markets, the successful, careful grain dealer must necessarily discount what really are fictitious values, established not by the law of supply and demand, but by the gamblers in the wheat pits of Chicago, Kansas City and other markets.

The prosperous, successful business man may be engaged in selling groceries, boots and shoes, flour, or be he engaged in buying grain, fully realizes that fair dealing, square treatment and a consideration of the welfare of his clients are necessary to his ultimate success.

Lately there has been much controversy about "bleaching flour." The government was induced to forbid the bleaching of flour under the claim that bleached flour was unwholesome. Flour alleged to have been bleached was seized by government officials and a lengthy and expensive jury trial was had resulting in a sort of verdict for the government.

In my opinion, based upon practical and technical knowledge, bleached flour is wholesome—even more wholesome than unbleached, as the process removes possible impurities in the flour. What is the process the use of which the government has forbidden upon the verdict of twelve jurors, not one of whom had ever seen the inside of a mill; not one of whom had either practical knowledge or technical knowledge of the nature of flour, of the effect of the bleaching, of physiology or of any of the factors entering into a consideration of the subject matter?

A verdict, which if it stands the review of the higher courts, will inflict annually a loss of not less than \$1,000,000 upon the farmers of Kansas and Nebraska.

The process is simple: It consists of passing all the flour just before packing into sacks, through ozonized air.

How is the air ozonized and what is ozonized air?

In some suitable place in the mill is placed a large cylinder, on the interior of which is an apparatus which, when a strong current of electricity is passed through it, causes a flaming discharge of electricity, thoroughly ozonizing the air in the cylinders. This air, by means of suction fans, is passed into an upright cylinder equipped with overflying discs. Through this cylinder the flour passes being spread out by the revolving discs so that every particle of flour comes into contact with dry, pure, ozonized air, which dries and purifies and thus bleaches the flour.

But what is ozonized air? It is air in which, by electrical discharge above described, some of the oxygen has been "set free." It is this "free oxygen" which does the purifying and bleaching.

Every reader has noticed the exhilarating freshness of the air after a heavy thunder storm. It was the lightning flash that disassociated the ozone, created the free oxygen by celestial chemistry for the health and refreshment of man.

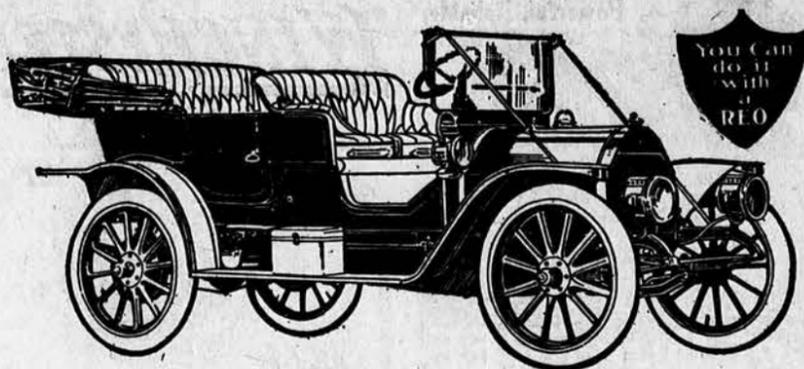
The air used in bleaching is of this life giving quality. Man has created a miniature thunder storm in the confines of a cylinder and uses this purified air for purifying and bleaching flour.

But how about the verdict, if the matter is so simple? The jury were laymen, ignorant of chemistry, physiology, the effect of ozone, ignorant of all knowledge essential to pass intelligently and fairly upon the facts involved in the case.

The following resolution was adopted at the mass convention of the Millers' National Federation:

"In consideration of the disastrous competition set up through the long-deferred decision as to the bleaching of flour, be it

"Resolved, By the Millers' National



Reo "Thirty" Five-Passenger Touring Car, \$1250
Top and Mezger Automatic Windshield Extra

New York to San Francisco in 10 days, 15 hours, 10 minutes—what that means to you

The thing that counts most is getting-there-and-back, ability to do the work you want done the minute you want it done—without fuss or delay—and this astonishing record proves absolutely that the Reo "Thirty" will do that for you.

Think of a car that keeps on going for 10½ days, day and night, over all the kinds of roads there are between New York and San Francisco—good roads, bad roads, awful roads, no roads at all but only deserts and mountain tracks, through mud, through sand, fords and all that—and gets there 4 days and 11 hours quicker than a \$4,000 car, and 14 days quicker than any other car that tried it!

Will the Reo do what you want? Is it strong enough? Has it power enough? Has it the endurance and reliability?

Then take a ride in it. You never got into a car that had such spring, such quick getting-away, such comfort, such fun.

Reo "Thirty" Four-passenger Roadster same price, \$1250. Reo "Twenty-Three" Four-cylinder Runabout, \$850.

Send for a Reo catalogue, also "Coast to Coast in Ten Days."
Better yet, get next to a Reo dealer and let him take you out.

R M Owen & Co Lansing Michigan General Sales Agents for Reo Motor Car Co
Licensed under Selden Patent

GET MY PRICE The Lowest Ever Made

Buy direct from the biggest spreader factory in the world. My price has made it. No such price as I make on this high grade spreader has ever been made before in all manure spreader history. I save you \$50. Here's the secret and reason: You pay me only for the actual material and labor at cost and one small profit based on my enormous factory capacity of 30,000 spreaders a year. And I pay the freight right through to your station. Any farmer can afford to have a spreader when he can get in on a wholesale deal like this on a

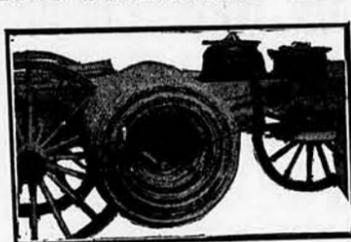


GALLOWAY
position! You know if I didn't have the best spreader, I wouldn't dare to make such an offer. 40,000 farmers of America have stamped their O. K. on it. They all tried it thirty days free just like I ask you to try it. Get out your pencil. Drop me a postal saying, "Galloway, send your new proposition and big spreader book free." Ask about the new, complete steel gear 70 bushel spreader.
H. Gutherson, Gladbrook, Iowa. "Works fine. Spreads T. F. Fice, Oswego, Kans. "Often pull it with my all kinds of manure better than any spreader I ever saw. small buggy team. Does good work. Have always used So simple, nothing to get out of repair as compared with the — before. Galloway much the best. If going to buy a dozen more they would all be Galloways."

The William Galloway Company, 389 Galloway Station, Waterloo, Iowa

WILL PLEASE THE MOST SKEPTICAL.
100 acres fine land and fine improvements, \$65 per acre. Large and small farms, attractive prices, good terms. New free lists.
HOLCOMB REALTY CO.,
Garnett, Anderson County, Kansas.
FOR SALE CHEAP—Good silo machinery, nearly new, 12 H. P. gasoline engine, No. 14 Smalley ensilage cutter. Address C. C. White, Burr Oak, Kan.

THE STANDARD REEL



"Gentlemen: The Little Giant wire reel is one of the best and most practical machines we have. If we could not get another, \$50 would not buy it. H. Raabe & Son, Fountain, Minn."

Will wind or unwind wire as fast as a team can walk. It makes handling wire a pleasure. Write for testimonials and particulars.

SPRING VALLEY MFG. CO.,
Spring Valley, Minn.

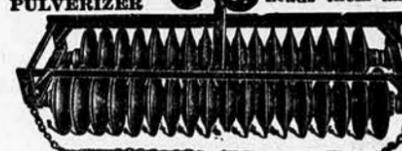
FENCE STRONGEST MADE. Bull-strong chicken wire. We pay freight. Catalogue free. COILED SPRING FENCE CO., Box 255 Winchester, Indiana.

Every Medicine Shell

Should have the famous **Kendall's Spavin Cure**
The great emergency remedy. Cures Spavin, Rheumatism, Curbs, Splints, Sprains, Lameness. All struggles sell it at \$1 a Bottle 6 for \$5. Book, "Treatise on the Horse," 200 pages. DR. S. J. KENDALL CO., Keesburg Falls, Mo.

14½ CENTS A ROD FOR A 24-INCH HOG FENCE
Send for Catalog Showing Many Styles All Sold on Trial
The Ottawa Mfg. Co., Ottawa, KS

IMPERIAL PULVERIZER

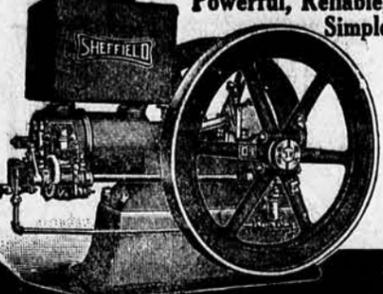


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Circulars The Peterson Mfg. Co. Kent, Ohio. Send for

BRADFORD Comfort Shoes \$3.00

are the best-fitting and best wearing shoe made. Thousands sold by mail. Catalogue showing styles for men, women and children free. CHAS. A. ROBERTS, Bradford, Mass.

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Get Our FREE Engine Book

It tells you how to get the most engine for your money—fully describing the Weber Engine which gives reliable results year in, year out, its speed is steady and uniform, its parts are absolutely interchangeable, its actual power capacity equals rating. The

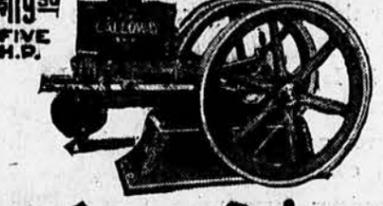
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Sold Under Our Absolute Guarantee meets every requirement of the man in the shop or on the farm who wants a simple, reliable, powerful engine. It does away with the drudgery of pumping, grinding, shelling, turning grindstone, etc., and increases the capacity of a small shop 500 per cent.

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contains more valuable information about gasoline engines and the price proposition than any book ever written. Send for it quick.

O. K. d by 10,000 farmers

The Wm. Galloway Co.
385 Galloway St., WATERLOO, IOWA

LIVERY BARN
and stock for sale. Only barn in town.
C. W. FUERNBORN,
Richmond, Kansas.

FREIGHT PAID PRICES ON NEW LUMBER

Here is a chance to BUY LUMBER at 30 to 60 per cent less than is usually asked for it. It is absolutely brand new and first class in every particular and guaranteed grades. We bought 50,000,000 feet from lumber mills at half the usual prices and we are giving the public the benefit of it. There is absolutely no possibility for you to go wrong in this matter. Never in twenty years has Lumber been offered at such low prices as we name. If you do not take advantage of this chance, you are missing a splendid opportunity. We quote freight prepaid price.

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Include in your list every single article you need to build or improve. It makes no difference whether you need a full carload or not, we will save you money. Our stock includes everything used in building, and it is good material too; nothing better made. Every dollar's worth is covered by a binding guarantee. Thousands of satisfied customers everywhere.

Our Capital Stock and Surplus is over \$1,000,000. We have a complete stock of Plumbing Material, Heating Apparatus, Hardware, Fencing, Furniture, Carpets, Rugs, Office Furniture, Pipe, Culverts, Structural Iron, Machinery, Dry Goods, Clothing, Groceries, Shoes, etc., etc.

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CHICAGO HOUSE WRECKING Co., 35th and Iron Sts., CHICAGO.

Lightning Pitless Scales
New Pattern. Solid Channel Steel Frame

Channels are seven inches which is the height of platform from ground. Levers are octagon in shape giving greater strength. Bearing are Toolsteel. This scale will last a life time with ordinary care. Equipped with compound Beam Free. Furnished absolutely complete except platform planks. Guaranteed accurate and tested to more than its capacity. Write for our prices and description before buying.

KANSAS CITY HAY PRESS CO., 129 MIN. St., Kansas City, Mo.



WINCHESTER



401 CALIBER MODEL 1910 Self-Loading Rifle

It Strikes A Blow of 2038 lbs.

This new Winchester shoots a heavier bullet and hits a harder blow than any other recoil operated rifle made. It is more powerful than the .30 Army, of big-game hunting fame. The loading and firing of this rifle are controlled by the trigger finger. It

HITS LIKE THE HAMMER OF THOR

Send for illustrated circular fully describing this new rifle which has strength and power plus.

WINCHESTER REPEATING ARMS CO.,
New Haven, Conn., U. S. A.

GOODHUE CORN PICKER



Proved and guaranteed

to pick the ears from the stalks in the field, to husk the ears as clean as the ordinary stationary machine husker, and to deliver the husked ears to a wagon driven along side. It picks and husks the small ear that hand pickers are tempted to ignore. It made a clean record in 1909—not a single complaint—and saved more money and labor for its users than any other machine on their farms. **THE SUPPLY IS LIMITED.** Write at once for prices and terms.

APPLETON MFG. CO.
116 Fargo St., Batavia, Ill.

Federation in convention assembled, that in the event the pending Kansas City case does not bring about a settlement of this question, we reaffirm our demand that the matter be placed before a competent referee board of scientific experts for immediate and definite settlement, pledging ourselves as a body to abide by the decision of such board."

We, as millers, maintain that this proposition is eminently fair and just, that we are entitled to a quick decision of this case upon its merits and that it be decided not by prejudice but by exact scientific knowledge.

In Partnership with Uncle Sam.
(Continued from page 1.)

It has been practically demonstrated that with a proper study of the altitudinal zones and climatic influences, followed by a fitting process of re-seeding, and careful grazing, the range can be, in a few years, restored to its virgin condition. In fact, these few years of progress along these lines have shown results which cannot be doubted by any one. Grades of live stock have been greatly improved; they come off the ranges fatter and heavier after a summer's grazing, and go into our markets weighing the greatest number of pounds and selling for the highest prices to be obtained, all showing an increased amount of killing stuff; and when they enter the International, the Royal or the western shows, they not only capture the blue ribbon, but the purple as well. Add to these gratifying results, if you please, the impressive fact that a man in attaining them is free from range wars and enjoys the consciousness that he can conduct his business under the strong protecting arm of the law, and you have an example of range control of wonderful significance. Say what you please, there is a rapidly growing sentiment in favor of it. You may tell the user of the forest reserve range the old story of bureaucracy and unjust taxation, but he will retort by telling you that he is a large factor in the administration of range affairs himself, and that he pays for his grass, but gets it, and no longer envies his neighbor who enjoys his free grass, but gets none. The story is best told by hundreds of stockmen who would gladly exchange their free public domain range for a forest reserve range. The proposition has passed beyond the influence of fallacious argument. Even the man who has good free grass today admits that tomorrow it may be utilized by some one else not entitled to it. Whether we be advocates of national or state control of our grazing resources, every shadow of faith in the old regime has almost faded away. With us, we are unconsciously waiting along upon the high waves of conservation, and men of the West, we might just as well learn the lesson once for all; we must care for our grazing resources; we must develop it; and remember always to place it beyond the reach of the foul hand of exploitation, thus acting as becomes honest conservators of a trusting people.

The Club Woman and Conservation.
(Continued from page 4.)

pure streams and protection of them. In the Canal Zone, where almost every point mentioned in the "Outline of Work for the States" (published by the General Federation), is covered by the departmental regulations of the Isthmian canal commission, the women's clubs are using their influence to add beauty everywhere, and to interest school children in the practical necessity for the work.

The method of sanitation in the Panama Canal zone holds the world's record and is being used as a model by foreign nations.

We are glad to have made wonderful improvement in this line since the tragedy occurring from poor sanitation after the Spanish-American war. If our men in service at that time had had a broader education in regard to pure water and sanitation we would have less to regret.

We want to extol the work of our government in the wonders being achieved in deep water and irrigation projects, giving to America an invaluable asset.

Our rivers must be protected from source to mouth, flood water must be conserved and no longer allowed to wreak the havoc it has in the past.

We are striving for an education in intelligent living and intelligent ideals.



Lyon & Healy

PIANO Pure in Tone

IT'S A WONDERFUL STORY— the determination of Lyon & Healy, the world's largest music house, which had already conquered the world with the Lyon & Healy Harp, to produce in their own factories a piano that would fittingly represent them:

FIRST—Came the rearrangement of the great Lyon & Healy factory, opposite Union Park, Chicago.

SECOND—Came a long series of private tests of the new model Lyon & Healy Pianos.

THIRD—Came the public introduction of the new scale Lyon & Healy Piano.

Such a triumph!

Here is a piano on which the cost of labor is double that of an ordinary piano; the cost of materials is 50% more than on ordinary pianos. Here is a piano that 180 dealers in all parts of the world secured the representation of in less than one year, a record without a parallel.

There is really nothing like the Lyon & Healy Piano.

It bears a world-standard name. It represents the experience gained in conducting for 46 years the world's largest music house. It is sold like all Lyon & Healy products, at such a small margin that it practically sells itself. It bears the strongest guarantee written.

Prices of the Lyon & Healy Piano—\$350, \$375, \$400 AND UP

Write today for a superb Piano Catalog

Coupon to be filled out.

Messrs. LYON & HEALY, Dept. Z3987, Chicago
Gentlemen:—Please send Lyon & Healy Piano Art Souvenir catalog containing case-back illustrations.

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AGENTS - \$45.00 A WEEK

MENDETS

They mend leaks instantly in granite ware, hot water bags, tin, copper, brass, cooking utensils, etc. No heat, solder, cement or rivet. Anyone can use them. Fit any surface. Perfectly smooth. Wonderful invention. Millions in use. Send for sample pkg., 10c. Complete pkg. assorted sizes, 25c. postpaid. Agents wanted. Write today.

Collette Mfg. Co., Box 1142 Amsterdam, N. Y.

\$10.00 Sweep Feed | \$14.00 Salvaged Steel Wind Mill.

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

CURRIE WIND MILL CO.,
Seventh St., Topeka, Kansas

THE STRAY LIST

Florence Irwin, County Clerk, Edwards Co. TAKEN UP—One cow 7 or 8 years old, red and white, no marks, valued at \$25. Was taken up Feb. 5, 1910, by Mary A. McGinty of Belpre twp.

J. W. Martin, County Clerk, Jackson Co. TAKEN UP. 1 hog, female, black stripe in face, one ring in nose, valued at \$15.00. Was taken up Sept. 1, 1910, by T. Y. Smith of Franklin township.

W. H. Shaffer, County Clerk, Cherokee Co. TAKEN UP—1 red steer with white face. About 3 years old, weight 900 lbs., branded on left hip B. 2., tip of right horn sawed off. Was taken up by T. J. Bennett of Neosho twp., Aug. 20, 1910.

W. N. Larabee, County Clerk, Trego Co. TAKEN UP—One Bovine steer, 2 years old, black, Y on right hip, value \$25.00. Was taken up Aug. 20, 1910, by Chas. M. Bell of Utica, Kan.

DAIRY



A shrinkage in milk flow during the hot dry days of the late summer and early fall is an expensive thing. It cuts into the present income and is bad for the cows. Some kind of a scolding crop or the use of ensilage will pay well at such times.

A testing outfit does not cost much and it pays good dividends. A cow that is merely boarding will eat as much as one producing a profit, and the only way to distinguish between the two is through the use of the Babcock test and the scales.

More than at any other season the milk cow now needs a plentiful supply of feed. She is preparing to go into the winter season and should do so in her best physical condition. It is much easier and more profitable to keep an animal in good condition than it is to put her in such condition.

Dairy products command higher prices than ever before and it pays to study ways and means. By keeping the cow in full flow of milk during her lactation period and by the practice of winter dairying economy of production is secured and the profits increased. It does not matter how good a cow is she will not acquit herself at the pail if not supplied with a generous amount of nourishing food; you have observed that cows in June eat until it would seem as if they would burst, but the result of this condition was more milk. Now is the time in the year that the successful dairyman must supply the deficiency. It is not easy to find a substitute for the luscious June grasses, yet those who were thoughtful enough to anticipate this condition (that annually prevails) will be prepared to meet the exigency of the case. A good rye pasture meets the expectations; green corn is excellent; mangel wurtzels, pumpkins—any of them will answer a good purpose and will largely overcome the absence of a June pasture. In addition to this, feed a small allowance of concentrated food, keeping in mind the grains that will form a balanced ration, and keep constantly before them salt, which will remove danger of the derangement of the digestive organs.

The Dairyman's Profit.

Even with the present high price of milk, said B. H. Rawl, chief of the dairy division, Department of Agriculture, in a recent interview, there is a very small margin as a rule between success and failure in running a dairy business. The dairyman is learning that it costs just as much to feed a cow that is not paying for herself as it does to keep one that eats just the same and is giving twice as much milk.

The dairyman can find this out only by keeping a strict account of the cost of feed and of milk production. More and more are dairymen doing this. The result is that the production of the herds on the average is increasing. This usually means to improve the conditions under which they are kept. If a man is improving his herd and has high grade cows he is not apt to let them stay in a bad stable or lie in water and filth and that sort of thing. As they make more money through increased production they can afford better quarters for their stock and will be able to improve the conditions under which they handle the milk.

Dairy and Creamery Butter.

The difference between creamery and dairy butter is often caused by the length of time the cream is ripened before churning. At a creamery the cream does not often stand in the ripening vat more than 24 hours so that it is comparatively fresh when churned. This gives a clean flavored butter which churns exhaustively and does not contain much curd, says Hoard's Dairyman.

On the other hand, farm dairy butter is made from cream which is collected from day to day and churned

once or twice per week. This long standing of the cream causes it to become overripe in many cases and the butter churned therefrom has the characteristic flavor which comes from old cream. The buttermilk is often rich because the cream is churned at a high temperature and lumps of curd are left in the butter giving it a streaked appearance. Such farm butter does not keep well and in fact it often has such a peculiar flavor that it can be readily distinguished from fresh creamery butter. These defects in farm dairy butter can be easily overcome if the cream is kept in a cool place and not allowed to become overripe before it is churned.

The Consumer Humbugs Himself.

Ever hear of a man humbugging himself. It's a common fault of mankind, finding expression oftentimes through one's inability to make connections between income and expense. This fact was forcibly impressed upon the writer one day recently in the public market at Indianapolis, Ind. At one of the booths where "butter, cheese and eggs" were sold were two boxes of oleomargarine in prints and country rolls. The color was a light yellow and there were no distinguishing marks on the package except the familiar "inspected and passed" government label and that was not exposed to the view of the purchaser.

Stepping up to the counter and inquiring the price of butter, we were given the information and the oleomargarine was included with the different grades of butter. Pointing to the country rolls, we asked the direct question, "Is that butter?" and the reply was "Yes." Upon being asked whether he would so testify under oath, the clerk smiled and said "No." Just then a lady stepped up and ordered "two rolls of that butter." After completing her purchase, the writer asked her if she knew what she had purchased. She smilingly replied, "Yes, I know what I am getting."

This lady was humbugging herself—and perhaps the rest of her family. And she is probably but one of a large number of people who are aiding disreputable dealers in violating the pure food law in this way. Of course many customers calling at this same counter and asking for butter do not attempt to humbug themselves but are furnished with oleomargarine. When a few customers know that they are getting the counterfeit when they ask for the genuine, it gives the dealer an opportunity to use them as witnesses in case of trouble, thus placing the customer's stamp of approval upon the dealer's dishonest methods for the purpose of prejudicing a jury and clouding the issue in general.

In spite of the wide publicity given the operations of the oleomargarine dealers, a very, very small proportion of our people—even dairy people—really appreciate the extent to which fraud has entered into the traffic in the stuff.—E. K. Slater.

The Scarcity of Live Stock.

It has been known for some time that movement of live stock from first hands to stock yards was slack, but some figures might prove enlightening. Live stock coming into the six large markets, Chicago, Kansas City, Omaha, St. Louis, St. Joseph and Sioux City this year, up to April 1, totaled about 600,000, against 9,400,000 up to the same date in 1909. This shows a total decrease of about 1,800,000 head. The greatest portion of the deficiency is in hogs, where about 1,700,000 less arrived than last year. Receipts of sheep were about 200,000 less and cattle receipts practically correspond to 1910.

Live stock markets have been irregular. High prices have taken a fall several times, only to recover and stumble again. Packers have left no stone unturned to lower prices. The outlook for the breeder and feeder could not well be brighter.



REASONS FOR BUYING A DE LAVAL CREAM SEPARATOR

De Laval separators save enough over any gravity creaming of milk in butter-fat, quality of cream, sweet skim milk, labor, time and trouble to pay for themselves every six months.

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Special arrangements have been made by the KANSAS FARMER with the famous U. S. School of Music of New York to organize the KANSAS FARMER Music Club, to be composed of readers of this paper.

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Don't say you cannot learn music till you send for our free booklet and tuition offer. It will be sent by return mail free. Address, U. S. SCHOOL OF MUSIC, Box 342, 235 Fifth Ave., New York City.

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Two carloads of this Quality Honey already shipped to Kansas points, and it is 100 per cent pure honey. Where I have no agent already handling this honey, I will make shipment at wholesale. Write L. A. CUMLENTZ, Winfield, Kan., for prices and an agency.

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Give it to them with Louden's Sanitary Stalls and Stanchions. You will be repaid over and over by the increase of both quantity and quality of milk and the satisfaction of having a barn equipped with the most economical, and up-to-date sanitary barn equipment made. Louden's Steel Stalls are made of tubular steel. Simple, strong and practically indestructible. Once installed they are there for a lifetime. They afford ample ventilation, light and perfect sanitation. They have no flat surfaces to catch and hold dirt. Made for either cement or wooden floors.

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Enclose 30 cents and we will send two sample bottles of the oyster powder, which will make three quarts of the richest kind of oyster stew.

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POULTRY



Fowls need bulky foods, for not only are they needed for the special forms of nutriment they contain, but to distend the crop and enable the fowls better to obtain the nutriment from more condensed foods. Such foods as finely cut grass, clover and alfalfa have a value greater than their analysis would indicate. Fed upon such foods in connection with condensed articles of diet, fowls seldom contract the bad habit of feather eating. This habit seems to be due to two causes; lack of animal matter and lack of bulky food. Given these two elements and feather pulling would hardly be known, unless it was introduced into the flock through some vicious individual which first contracted it through lack of these forms of food. Such foods will frequently put a stop to the habit after it has been contracted.

When fowls are confined in winter they should have access to some kind of dry and dusty wallowing places. If such are given them they will generally keep themselves free from lice. Quantities of dry dust or earth should be gathered in the fall so that it may be given to the hens during the time they are compelled to stay indoors. A box of common six inch boards, about four feet square, placed where it will remain dry, filled with dry dust, into which a few drops of carbolic acid are sprinkled, will furnish the hens of an ordinary yard with room and means to keep themselves free from lice and their flesh clean, which will result in better health and more eggs.

Winter Feeding.

The whole problem of winter feeding for eggs can be expressed in one short sentence, turn winter into summer. This is easy to say, but very hard to accomplish, and the best we can do is to supply some of the conditions which exist in summer. The first essential is warmth, but it must not be supplied by artificial heat, as this makes the fowls tender and susceptible to colds, but by warm houses, to keep out the wind and frost and conserve the natural heat of the birds.

Dryness is next to be considered, and this is best brought about by keeping the house clean and the floor well littered with straw and some absorbent material, such as chaff, dry leaves, etc. Also ventilate a little by the windows every mild day by opening them a little, according to the weather. This will carry out moisture, purify the air, and keep the fowls accustomed to the out-door temperature, so that they will not be affected so much by extremely cold spells. A straw-filled loft in the poultry house is a great aid in keeping it warm and dry in winter. This loft floor may be made out of cheap boards and should have plenty of cracks to let moisture pass up and be absorbed by the straw above.

Now that the fowls are properly housed, we will consider their food. Of course, they need good food and enough of it, but it is not so much the kind of food, but the way they are fed and managed that makes them lay best. The bill of fare should be about as follows: Whole grains should be corn, buckwheat and oats, mixed about equal parts. In the morning a very scant ration of the grains should be given, not more than one-fourth of what they would eat, scattered in litter on the floor. Next comes water slightly warmed in coldest weather. The fowls are kept busy searching for grain and running to the water pan for an hour or more, and the exercise thus induced warms them more effectually on a cold morning than would a warm mash. They are next given cabbages or mangel wurzels cut in halves on the floor. The birds are thus kept busy all the forenoon working for a little food, and at noon are hungry and ready for a big dinner of warm mash, which is fed in troughs, all they will clean up in a short time. The mash is made as follows: Ground oats, cornmeal

and wheat bran, about equal parts by measure for the base. To this add one pound oil meal and three pounds high grade beef scrap for each hundred fowls, all well-mixed while dry. To each hundred hens also give two quarts cut clover or alfalfa cut in one-eighth inch lengths and soaked in hot water, in which has been dissolved a little salt. The whole is then thoroughly mixed with a shovel until in a moist and crumbly state, neither dry nor sloppy. It is then fed while yet warm. You can substitute boiled or mashed potatoes or turnips for the clover occasionally as a change.

After this big dinner of warm mash the birds are not very active for a while, but as it is easily digested, they are ready for their supper of mixed whole grain, which is fed in the litter, early enough so that they will have time to scratch it out before dark.

The water pans have to be inspected to see that all have water enough, as a laying hen almost always takes a heavy drink shortly before going on the roost for the night. Crushed oyster shells, charcoal and grit are always kept within reach of the fowls. When the ground is free from snow the fowls are allowed to run outside at liberty, but when covered with snow are kept inside. By thus feeding and managing the birds are compelled to take enough exercise so that they go to roost warm, healthy and happy. A tour of the houses should then be made, all the water pans emptied and the windows and doors tightly closed.

These rules are not iron-clad, but can be varied to suit the kind of grain one raises on the farm and little minor matters that are of no particular consequence.

Egg Production in the Winter.

For winter egg production the White Leghorn variety of chickens is the best. This variety is of the light egg type and will consume a comparatively small amount of feed. They are abundant egg producers and will therefore produce eggs at a less cost than any other variety. If a general purpose variety is wanted, however, the White Plymouth Rocks will be the best. This is the opinion

Fulton's Fourth Annual Sale of LARGE TYPE POLAND CHINA HOGS To be held at Waterville, Kan. MONDAY, OCTOBER 24

One block south and 3 west of depot. Sale consisting of 17 fall yearling gilts, 11 spring gilts, 12 spring boars, mostly sired by Fulton's Chief 53154—a 900-pound boar at the age of 2 years on the 12th of August—and from sows of the large type, such as Nancy Muller (128245), Faultless Hutch (128247), All Look 3d (128245), Capitola (135826), Moguless (128246), Mogul's Maid (121224). Send bids to fieldmen or auctioneer in my care.

Fieldmen—Jesse R. Johnson of Kansas Farmer; J. W. Johnson of Breeder's Special.
Auctioneer—Col. T. E. Gordon.

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Waterville Kansas

Write for catalog and mention Kansas Farmer.

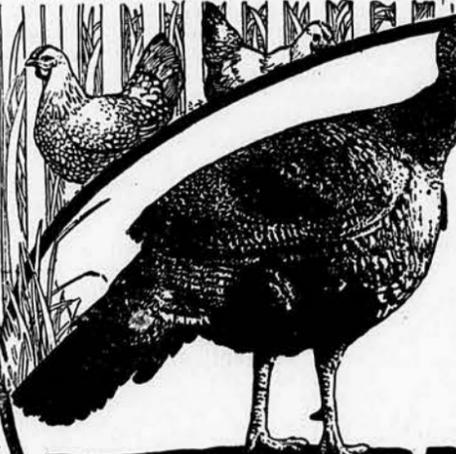
of experienced men in the Kansas State Agricultural College.

The fowls must be well cared for if winter egg production is to be made profitable. Their quarters must be kept well ventilated and dry. The nests should be kept clean and well supplied with straw. An unbleached muslin curtain should be used for the south front of the house and on mild days and nights may be left down. One window will be enough in an average sized chicken house. It should be so placed that, at some time in the day, light may penetrate to all parts of the room.

Before being put in their winter quarters the fowls should be dusted with a good lice powder. If any of

them show sickness at any time they should be removed from the flock at once.

Their feed should be well balanced. It may consist of one-third ground and two-thirds whole grain. The ground feed should be fed in a hopper as a dry mash. The whole grain should be fed on the feeding floor, which should have a rather deep litter so the fowls will be required to take the necessary amount of exercise to get their feed. The feed should consist of an equal mixture, by weight, of wheat and corn. Kafir-corn is slightly better than ordinary corn and may be substituted for it. Lime or shells should be supplied all ways.



Good Birds Bring Top Prices

Blue-fleshed, wrinkle-skinned fowls sell slowly. The man who's been up against a dull market with a poor "offering" knows that. How, then, shall we always have "prime" fowls? Give Dr. Hess Poultry Pan-a-ce-a to the chicks as soon as they're old enough to eat (a trifle mixed in soft feed) and continue until the fowls are fit to kill. Here's the philosophy of the matter! Dr. Hess Poultry Pan-a-ce-a is a tonic. It is formulated by Dr. Hess (M. D., D. V. S.) from elements which act beneficially on the digestive organs. Thus it helps the tiny chick and the growing fowl to use a greater proportion of the food they eat and lay it on as flesh. For the same reason

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makes hens lay more and better eggs. Less meat-scrap, milk, wheat and corn goes to waste, when Dr. Hess Poultry Pan-a-ce-a is a regular part of each day's rations. "A poor ration, well digested, is better than the best ration poorly digested." This is the "Dr. Hess Idea" of feeding and that it pays, thousands of happy poultrymen can testify. Poultry Pan-a-ce-a cures roup, cholera, gapes, etc.

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gives the stockman and farmer a chance to increase profits without increasing outlay for hay or grain. It makes better digestion in farm animals and thus increases the amount devoted to milk and flesh and lessens the amount wasted by non-assimilation. This is "The Dr. Hess Idea" of farm feeding. It has added fortunes to the profits in the cattle industry. Dr. Hess Stock Food relieves minor stock ailments.

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White Corn
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W. K. Kellogg

HOME CIRCLE



Be careful not to use quite the full amount of crumbs called for in a recipe if they are very dry and fine, as they absorb much more moisture than crumbs made from fresh bread.

Here are a few "health-grams" taken from a bulletin published by the Chicago Department of Health:

Dry dusting moves dust, it doesn't remove it.

Closed windows are open avenues to consumption.

If your milk is not safe, your life is not safe.

So called chest protectors are targets for colds and coughs.

Spitting in public places sows disease and creates a harvest for the "grim reaper."

The more you expand your chest the less you will contract cold.

The air in your house can not be better than the outdoor air—it is usually much worse. Open your windows and give your lungs a treat.

dotes are large quantities of potassium permanganate in weak solution used to wash out the stomach, or strong tea used in a similar manner. The patient must not be allowed to go to sleep. Giving strong black coffee at frequent intervals, slapping with cold wet towels and frequent shocking with an electric battery will assist in keeping him awake. Artificial respiration may sometimes be necessary.

Strychnine, the active principle in nuxvomica, causes pains in the stomach, spasms or convulsions and death by over stimulation of the muscles of respiration. It has a bitter taste even in very small quantities. The antidotes are a weak solution of potassium permanganate or large amounts of tea, used to wash out the stomach. The patient must be kept absolutely quiet in a darkened room. Chloral and potassium bromide injections often aid in the treatment.

Belladonna and its derivative atropine cause flushed face, dryness of throat, dilated pupils of eyes, delirium and unconsciousness. The antidotes are strong tea or some other solution containing tannic acid, and potassium permanganate solutions to wash out the stomach.

Potomains give pains in the abdomen with vomiting and purging. There are no special antidotes, but the stomach should be emptied and a purgative given. Stimulation is sometimes necessary.—Wm. H. Bailey, A. M., M. D., Kansas University School of Medicine.

Home Economics Clubs.

The Kansas State Agricultural College, through its extension department, is making an effort to extend its services through all the various channels of demand. One of these is the establishing of the Home Economics Clubs for girls or young women in smaller towns and villages and even in the rural districts. These clubs are designed to be substitutes for the home economic training in the public schools. Any community may have as many of these clubs as they care to organize since the conditions governing them are readily met. The clubs or classes must have a regular time and place of meeting. They must be in charge of some competent leader such as a school teacher, a housekeeper or some mature woman who has time to devote to the work. If it is possible to have simple equipment at the meeting place the work could all be done there, or some woman's kitchen might be used as a demonstration laboratory where the leader might do the work with the girls looking on. The work, which is sent out free from the college, consists of a course of twenty printed lessons on cookery or sewing. The lessons on cookery are made up of recipes to illustrate the various classes of cookery and instructions governing each class. The lessons on sewing are based on common practical needs and consist of instructions concerning the particular subject of the lesson and directions how to make each article. These lessons are gotten up in the simplest manner possible so that the school girls will readily understand them. At each meeting each girl receives an advance lesson sheet, and if they do not have the equipment for the work there she takes it home and works it out as many times as she cares to. At each meeting also a report of the previous week's work is taken. These reports show how many times per week each girl has made the article upon which the lesson is based and the number of successes and failures of each, as well as any questions or remarks concerning the topic. The only expense in connection with the plan is that of mailing the report blanks which are a part of each lesson and which must be returned to the extension department of the State Agricultural College in order that any help desired may be given. All correspondence relative to this or any other form of extension work in home economics should be addressed to

FIRST AID TO THE INJURED.

Antidote for Some Poisons.

Arsenic, when taken in poisonous doses, produces, in about half an hour, pains in the abdomen, after vomiting, thirst, often purgation and sometimes nervous shock and unconsciousness. The antidotes are milk, eggs, or best of all freshly prepared ferric hydrate, a chemical that is made by mixing tincture of ferric chloride with ammonia (spirits of hartshorn) of calcinated magnesia. The resulting substance should be washed two or three times by placing in a cloth and running water through it. These two substances go under the official name of "ferri oxidum hydratum cum magnesia" and can be procured at most drug stores.

Carbolic acid, if taken in too large doses or in concentrated form, causes white burned places on the lips and inside of the mouth or any place that it touches the skin. It causes intense pain in the mouth, throat and abdomen. The odor is very characteristic and may lead one to a diagnosis. It is a heart depressant and if enough has been taken, the person soon goes into a stage of collapse and unconsciousness. The antidotes are alcohol in some form (whisky or wine or diluted alcohol) given in large quantities and then promptly vomited. In other words, wash out the stomach with alcohol. Lime water, magnesia and eggs are of some benefit and should be given if no alcohol is obtainable. Of course the general treatment of poisoning, as to stimulants, etc., must be carried out.

Phosphorus is a local irritant causing burning of the throat and pains in the abdomen and sometimes vomiting. None of these symptoms may show until three or four hours after the poison has been taken. The odor of wet matches may be detected and the vomited material will sometimes give off a pale light (fluoresce) in the dark. The antidotes are crude turpentine and magnesia in milk, and hydrogen peroxide. Do not give oil of any kind as it forms a compound with the phosphorus that is more quickly absorbed.

The strong acids cause death by destroying the tissues, giving severe inflammation and swelling of the throat and perforating the stomach or intestines. The antidotes are dilute alkalis of some kind as weak ammonia, soapsuds, magnesia, chalk, lime water. Raw eggs may also be given. The burning of the mouth and throat is slightly relieved by oily liquids, as small doses of sweet oil, olive oil or castor oil. These can be given in any case of poisoning where there is burning of the throat, except in phosphorus poisoning.

Strong alkalis have very similar effects to strong acids. The antidotes are weak acids, as vinegar, lemon juice, etc. The giving of oils often relieves the pain considerably.

Opium in any of its forms, if taken in sufficient doses, causes stupor, contracted pupils of the eyes and slow respiration, followed by a deep, heavy sleep and unconsciousness. The anti-

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When doing the fall cleaning don't calcimine the kitchen walls but instead give them a coat or two of some good oil paint. It will cost a little more at the time but when they have become soiled with the smoke and steam from cooking they can be washed with sapollo and water and they will be clean and fresh again.

Milk Charlotte.

Melt one tablespoon butter, add to it one and one-half quarts milk, thicken with four tablespoons flour rubbed smooth in cream, add a pinch of salt, and sugar if preferred. Into a bowl put one and one-half pints of croutons (bread cut in small squares and toasted), turn the thickened milk into the bowl and stir together. Set where it will keep warm until ready to serve.

Cherry Pie.

Line a pie plate with rich paste, fill with stoned cherries, add four or five tablespoons sugar mixed with one teaspoon flour, and one tablespoon butter cut in bits. Bake with two crusts.

Mulberry Pie.

Fill a paste lined pan with berries, add sugar to sweeten and two or three teaspoons lemon juice and a little water. Cover with top crust and bake.

FORK PRODUCTION SPECIAL TRAIN.

The Kansas state agricultural college and the Rock Island railroad will join forces and run a special educational train over the lines of that road as shown by the accompanying schedule. The train will be equipped with the best of speakers and the necessary illustrative apparatus and stops of 40 minutes will be made at each station. The college has conducted a number of very successful "schools on wheels" in different parts of the state, but perhaps none has been attempted of more importance than this.

Schedule October 17, 1910.

Arrive	A. M.
Broughton	7:40
Clay Center	8:30
Clifton	9:40
Clyde	10:34
Cuba	11:44
	P. M.
Belleville	12:40
Scandia	1:35
Courtland	2:30
Mankato	3:30
Otsego	4:25
Eabon	5:10
Agra	7:10

(Agra meeting in hall 7:30 p. m.)

Schedule October 18, 1910.

Arrive	A. M.
Phillipsburg	7:15
Stuttgart	8:15
Prairie View	8:35
Almena	9:00
Norton	10:10
Phillipsburg	11:50
	P. M.
Kensington	12:20
Athol	1:12
Smith Center	2:07
Bellaire	2:59
Lebanon	3:51
Montrose	5:00

Schedule October 19, 1910.

Arrive	A. M.
Tampa	8:00
Canton	9:20
McPherson	10:28
Inman	11:32

	P. M.
Hutchinson	12:45
Partridge	1:48
Arlington	2:55
Turon	3:58
Preston	4:03
Pratt	4:30

October 20, 1910.

Arrive	A. M.
Riverdale	8:54
Peck	9:43
Haysville	10:30
Kechi	11:15
Whitewater	11:41
	P. M.
Feabody	12:48
Marion	1:58
Lost Springs	3:08
Herington	3:19
Woodbine	3:50
Enterprise	4:15
Ablene	4:25

October 21, 1910.

Arrive	A. M.
White City	8:00
Dwight	9:00
Alta Vista	9:51
Alma	10:53
Paxico	11:51
	P. M.
Maple Hill	12:47
Willard	1:37
Elmont	3:05
Hoyt	3:19
Holton	3:50
Whiting	4:52
Troy	7:00

(Troy meeting in Court Room, 7:30 P. M.)

October 22, 1910.

Arrive	A. M.
Denton	8:00
Pierce Junction	9:00
Horton	9:55
Germantown	11:10
	P. M.
Powhattan	12:03
Fairview	1:02
Sabetha	1:58

(Sabetha meeting in hall, 2:15 to 3:45.)

Do You Want a Needle Case?

Do you want a pretty needle case, filled with an assortment of best grade needles, free? Then address a postal to the Pontiac Shoe Manufacturing Company, of Pontiac, Ill., and ask for one. This is rather a novel way that this company has of advertising their Pontiac's Wear Well Shoes. The case is a beauty and the needles are assorted sizes so that there are several for almost every sewing purpose. There is a case for you and you can have it for the asking. When you write ask them to send you also their little booklet which shows pictures and gives descriptions of all the various styles which make up the Pontiac's Wear Well line—you will find it interesting and instructive inasmuch as it tells about the newest ideas in the manufacture of comfortable shoes.

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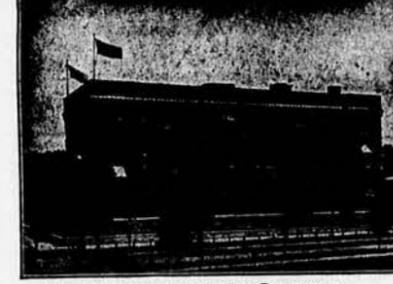
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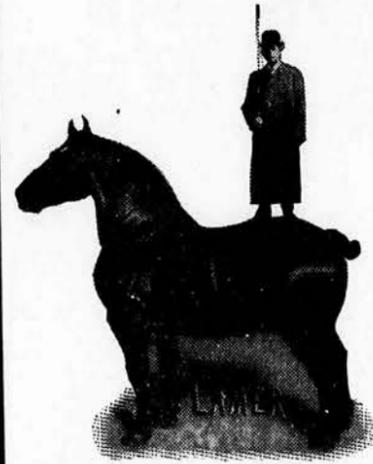
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MONARCH REALTY CO., Coffeyville, Kansas.

FARM SNAPS

FARMS FOR SALE—Large list, correspondence solicited, ask for list. Desirably located. Thos. Darcy, Real Estate, Of-ferte, Kansas.

GREENWOOD COUNTY FARMS Large 40-page, handsomely illustrated book, containing valuable information and list of 50 farms, mailed free and postpaid. Send your name today. P. D. STOUTINGTON, Madison, Kan.

FARM BARGAINS. Big bargain in one of the best 80's in Anderson Co., nice smooth farm, fair improvements, plenty of good water, close to school, R. F. D. and telephone. Price \$4,200. Terms if wanted. MANSFIELD LAND CO., Ottawa, Kansas.

LINN COUNTY FARMS. Near railroads, schools, churches and markets, \$15.00 to \$50.00 per acre. Natural home of corn, clover and bluegrass. Prices are advancing rapidly. Large, illustrated paper free. EBY BROS. & CADY, Pleasanton, Kan.

435 ACRE FARM—DIRT CHEAP. 435 acres, 2 to 3 mi. from 5 towns, Linn Co., Kan. Rich soil, small grain, corn and tame grass farm. Improvements worth \$5,000; good repair. All fenced; part hot light. A genuine bargain for \$27,500 per a. Large list and detailed description free. T-O, M. LAND CO., Coffeyville, Kansas.

Wheat, Corn, Alfalfa In Meade, Ford and Clark counties; land \$25 to \$50 an acre. List free. Eugene Williams Minneola, Kan.

Clark County Farm 520 acres, small set improvements, 300 in cultivation, 10 miles S. R. town, \$25 per a. Lands for sale in any size tracts to suit purchaser, at low prices. HALL & CLARK LAND CO., Minneola, Kansas.

Miami County Land For free information about eastern Kansas land, where corn, wheat, timothy, clover bluegrass and all tame grasses grow at \$40 to \$75 per acre, write or see the PAOLA LAND LOAN CO., Paola, Kansas.

LAND BUYERS. Send your name for a free copy of a large handsome album, telling about the best sugar beet and alfalfa lands, wheat lands and stock ranches at Garden City, Kansas Special—1680 acres, half alfalfa land, \$10 an acre. CHAS. T. ZIRKLE & CO., Garden City, Kansas.

FORD COUNTY KANSAS. Wheat and alfalfa lands, \$15.00 an acre and up. Prices are rapidly advancing, now's the time to buy. Write for free list. J. P. ENGLISH, Dodge City, Kan.

KANSAS WHEAT LANDS, and some corn and alfalfa lands, \$8.00 to \$25.00 per acre. Write for information. J. C. Reeve, Garfield, Kansas.

A FINE RANCH ON EASY TERMS. A fine level ranch of 1,350 acres located in Sherman county, Kansas, 4 miles south of Kuleton, the first station west of Goodland, on the main line of the Rock Island railroad. All tillable, new frame dwelling, 28x42 feet, five rooms, with pantry, closets small hall and cellar, frame barn 48x32 feet, frame granary 20x40 feet, frame stable 26x32 feet, frame cattle shed with straw roof 64x20 feet, good well, windmill, two large tanks, with abundant supply of the finest water on earth; cannot pump the well dry. Milk house, hog house, feed rack and corral. About half cash, balance five years at 6 per cent. Will be sold soon. Can give possession any time. Come at once and see it and procure a bargain. Call on or address G. W. RAPP, Goodland, Kansas.

HERE YOU ARE

200 acres, 5 miles Williamsburg, new 7-room house, large barn, all necessary out-buildings in good repair, small fruit, 1/4 cultivated, balance could be \$40 acre. Good terms. Owner old, can't farm it. New list free. SEVERNS & HUTCHISON, Williamsburg, Kan.

SOUTHEASTERN KANSAS FARMS in any size tracts, on liberal terms. How is this: 80 acres good land, well located, small improvements, \$2,500. Send for free list.

THE BOWMAN REALTY CO., Coffeyville, Kansas.

LAND SNAP

80 ACRES, Anderson County, Kansas, six miles from Greeley, 7 miles from Garnett, 60 a. in cult., balance meadow and pasture, 160 a. joining Harris, Kan., all tillable, 100 acres in cult., balance meadow and pasture. Price \$55 per acre, well improved. SPOHN BROTHERS, Garnett, Kansas.

FORCED SALE

Best located, and one of the best farms in Allen county; 480 acres, 2 miles from Iola, 350 acres under plow, balance in grass. All tillable. Will sell all or divide to suit purchaser. Worth \$55 an acre. Will sell for \$50. Very easy terms. Must sell. Call on or address THE ALLEN COUNTY INVESTMENT CO., Longton, Kansas.

SEWARD and STEVENS

Counties corn and wheat land, \$10 to \$25 an acre. Crops often pay for the land in one year. The best investments in Kansas are to be found here. Write for free descriptive literature. UHLM, MOLTER, Liberal, Kansas.

FINE QUARTER, \$1000

160 acres, good level land, very fertile, 40 ready for wheat. A snap. Don't delay, act now. Land for sale in any size tracts, at low prices on good terms. Write for new list. THAYER LAND CO., Liberal, Kansas.

Meade County Lands For Sale or Exchange

Raw and improved farms and ranches, \$9,000 telephone exchange. Attractive terms on all kinds of property. Call on or address BOYER & WYATT, Plains, Kansas.

A BARGAIN

160 acres of fine creek bottom land, 30 acres in cultivation, 5 miles from good town and in good neighborhood. It won't last long. Answer quick. A snap at \$1,500. ALAN & EVANS, Liberal, Kansas.

ALL A BARGAIN

Four 160-acre farms in Lyon county, each containing pasture, meadow, orchards, springs and land under cultivation. Two with house and barns on. These quarters all join each other lengthways and are well located. This land must be sold soon to settle an estate. Time given on one-half. Address ABOUTMAN RANCH, Comstock, Kansas.

TRAVERS. We will exchange irrigated sugar beet and alfalfa lands, unirrigated wheat and ranch lands, city property, merchandise and live stock for good propositions anywhere. Describe and price your proposition. COLLETS & FAY, Lawrence, Kansas.

NESS COUNTY, 100 ACRES. \$10 per acre. A fine quarter 5 miles from K. K. station, nearly all fine smooth land, and good water from well, fine well of water, 50 fine family trees, no other improvements. Can be duplicated in the county for the money. J. G. COLLINS, Owner, Ness City, Kansas.

320 ACRES UNIMPROVED, 8 miles Dodge City, about 100 acres rough, all well grassed, near school, \$3,000, 80 acres, 9 miles Dodge, 5 miles station, fenced, cross-fenced, 320 acres in cult., school on land, running water, fine stock proposition, \$12.00 an acre. Other lands, new list free. A. J. SLOVER & CO., Dodge City, Kan.

WELL LOCATED BARGAIN. We offer for immediate sale 160 acres, 6 miles from good railroad town, rural telephone and main route by bridge, fine road to town, school one-half mile, heavy dark rich soil, built-up grass covered, water level less than 100 feet in inexhaustible supply. Level as land can lay, price \$10 per acre, cash. F. M. LUTHER & SONS, Cameron, Kansas.

NEMHAHA COUNTY, KAN., INVESTMENT. 50 a. all tillable and all in cultivation. Only 2 1/2 miles from town and nice laying land, no improvements but fence. This farm will rent and pay 10 per cent on investment, crop rent, and increase in value every day. Price \$500.00 per a. Good terms. C. E. TRIMBLE, Corning, Kan.

A REAL SNAP IN NORTHEAST KANSAS. 160 acres 40 miles from Kansas City, 2 miles from small town and shipping station, 5 miles from McClouth, good location, near school, 4-room house, stable, chicken house, never failing well, all cultivating land but 5 acres, about half in grass. This is a bargain. Price \$25 per acre, \$1,500 will handle this farm, balance at 6 per cent. W. M. FLEMING, McClouth, Jefferson Co., Kansas.

NESS COUNTY LAND. 400 acres 1 1/2 miles from Ness City, good 5-room stone house, barn and 2 good wells and windmill, well fenced, 100 acres fine alfalfa land, land very good and smooth, handy to school. Price \$22.50 per acre. Write for my printed list of farms and ranches. GEO. P. LOHNES, Ness City, Kan.

FARMS, Ranches, Mds., Trades. Would you build an agency? Buckeye Agency, Agricola, Kan.

MEADE, Ford, Clark and Gray county land, \$10 to \$20 an acre; prices advancing rapidly, now is the time to buy. Write for full information. Chas. Schwedfeger, Fowler, Kan.

TREGO COUNTY LAND.

Where prices are advancing rapidly. At low prices, on liberal terms. Near markets, churches and schools. Write for prices and descriptions.

J. I. W. CLOUD, Wakeeney, Kansas.

ASK WHY LAND IN SHERIDAN COUNTY, KANSAS

will make the investor or the farmer money purchased at present prices. Many inducements here that are not to be found elsewhere.

T. V. LOWE REALTY COMPANY, Goodland, Kansas.

LOW-PRICED NORTHEASTERN KANSAS LAND.

Produces corn, clover, bluegrass and all staple crops in big yields. We can sell you improved farms here for \$40 to \$50 per acre. Have some good exchanges. Write for full information.

The Owl Land Agency, Ozawie, Kansas.

ANDERSON COUNTY

Wheat, oats, corn, tame hay and many other crops produce abundantly. Improved farms for \$30 to \$60 per acre. Big investment opportunity. Write for new list, mailed free.

GEO. W. ILLER & SON, Garnett, Kan.

CORN, BLUEGRASS AND ALFALFA LANDS.

In Northeastern Kansas, where crops never fail. Improved farms \$65 per acre and up. Prices rapidly advancing. Now is the time to buy. Write for full information.

F. A. IAKK, Ozawie, Kansas.

NORTHEASTERN KANSAS

The best agricultural section of Kansas. Wheat, corn, alfalfa, tame hay, potatoes and fruit are making our farmers rich. Land \$25 up. Big list to select from. Write for full information.

E. L. HORTH, Centra, Kansas.

SMALL FARM AND STOCK RANCH.

360 acres, ten miles Meade, fenced, cross-fenced, good house and other farm buildings. 40 per cent tillable. 40 acres sub-irrigated, alfalfa land, flowing water, well adapted to general farming and stock raising. \$28 per acre, reasonable terms.

FIDELITY LAND & TRUST CO., Meade, Kansas.

THE BEST TOWN TO LIVE IN.

If you would like to live in the most beautiful city in the West, with unsurpassed education, business and religious advantages, in a city clean, progressive, where real estate values are low, but steadily advancing, where living expenses are reasonable, a city with natural gas at lowest prices, address the SECRETARY OF THE COMMERCIAL CLUB, Topeka, Kansas.

SEVERAL good farms to trade for stocks of merchandise and land to exchange for city property. Land in the fertile Gulf Coast of Texas, \$25 per acre on payment; fine climate and farmers get rich in a few years. We go down twice a month. Write me for particulars. Henry G. Parsons, Lawrence, Kan.

160 ACRES, 11 miles Plains, 11 miles Jasper, both good shipping points level roads; perfect quarter of buffalo grass land. Price \$12 an acre, terms. No adjoining lands can be bought for less than \$15 an acre. Other bargains.

FULLINGTON & MARRS, Meade, Kansas.

FARMS AND RANCHES

In Greenwood county, the best known county in Kansas, where corn, clover and bluegrass grow to perfection. We own and control much land here and will suit you.

WICKER & WARBALL, Madson, Kansas.

KIOWA COUNTY LANDS.

At \$20 per acre and up on liberal terms, where all staples produce abundantly. We have better corn right now than you have on your \$150 land. Descriptive literature free. THE WAYNE LAND CO., Greensburg, Kan.

FORD COUNTY LANDS.

\$15.00 an acre and up on good terms. Lands in Grant and Kearney counties, \$10.00 and up. Good trades considered. If you want to double your money soon, buy quick, before prices advance.

WATKINS & STANSBURG, Dodge City, Kan.

SOUTHWESTERN KANSAS.

Corn, wheat and alfalfa lands, in Hodge-man, Edwards and Ford counties at \$12.50 per acre and up. Prices are rapidly advancing—now is the time to buy. Prices, descriptions and full information upon application.

MAIRS & SCHILLING, Kinsley, Kansas.

EXTRA SPECIAL IN FORD COUNTY LANDS.

Seven sections fine wheat land, in a solid body, close to Spearville for sale for from \$25 to \$60 per acre. Write quick.

SMITH & BARTZ, Sole Agents, Spearville, Kansas.

KORN AND KLOVER.

Farm bargains in Eastern Kansas, \$30.00 to \$50.00 per acre. Don't wait to write, but come and see.

HALEY-MCMULLEN CO., Mound City, Kan.

FOR SALE.

Real estate business in good town, surrounded by good farming country, and cheap land. Act quick if you want this. Now is the time to buy while buyers are coming fast. The price is right. Address D. M. WATKINS REALTY CO., Moline, Kansas.

\$12,000 FARM AT \$9,000.

160 lays fine, all tillable, fine large residence, good barn, gas for fuel, bluegrass and clover pasture, clover and timothy meadow, will all grow alfalfa, close to school, 3 miles to town, only \$9,000, terms on part.

DONAHUE & WALLINGFORD, Mound Valley, Kansas.

FOR SALE 400 ACRE IMPROVED FARM, Suite 3, Prudential Bldg., Topeka, Kansas.

FARM and City property for sale in Douglas and Anderson county. Land is advancing, better buy now. I have some bargains. J. C. WIRE, Baldwin, Kansas.

FOR FREE INFORMATION about Miami and Linn County land, at the lowest prices on best terms, write or see J. D. BENEAU, La Cygne, Kan.

WESTERN AND WEST CENTRAL KANSAS corn, wheat and alfalfa lands, at \$12.50 per acre and up. Write today for new list, mailed free.

PORTER YOUNG, Great Bend, Kansas.

ANDERSON COUNTY BARGAINS.

160 acres, good improvements, 4 1/2 miles good town, \$45 acre. Improved 160, 8 miles Garnett, \$8,400. Improved 80, \$8,000. Write for free list.

J. E. CALVERT, Garnett, Kansas.

LINN, Anderson and Bourbon County farms, \$25.00 to \$75.00 per acre. Best bargains in Kansas. Write for full information. R. A. BARNER, Blue Mound, Kan.

WRITE FOR FREE LIST JUST OUT of Lyon and Coffey County and Western Kansas lands, for sale or exchange. Send your name today.

COLE & WEDRICK, Hartford, Kan.

DO YOU KNOW

that you can still buy wheat and alfalfa land in Ford county for \$15.00 an acre and up? List free.

J. E. REESER & CO., Dodge City, Kansas.

GRAY COUNTY WHEAT LANDS

that often pay for themselves in one crop, \$10.00 to \$25.00 per acre. Write for full information to

KANSAS LAND CO., Cimarron, Gray County, Kansas.

KIOWA CO. WHEAT LANDS

at \$30.00 per acre and up for good lands. Small tracts of rough land at \$6.25 per acre, good, well located western land at \$900 per quarter and up.

H. M. DAVIS REALTY CO., Greensburg, Kan.

MIAMI COUNTY SNAP.

358 acres, school and Methodist church on land, 4 miles town, R. F. D. and telephone, well improved, 100 acres hog-tight, only \$45 per acre. Easy terms. Other bargains.

A. G. COPELAND, La Cygne, Kan.

160 ACRES 2 1/2 MILES FROM HARTFORD, extra well improved, all kinds of fruit, half in cultivation, half in grass, 25 sown to alfalfa, good stand, quick sale \$65 per acre, leave \$3,500 on farm at 5 per cent. 30 page list of bargains free.

HARTFORD REALTY & LOAN CO., Hartford, Kansas.

182 ACRES AT \$45 PER ACRE.

Six and one-half miles from Burlington, Kan., county seat. The biggest bargain in Coffey Co. Will carry \$4,000 mortgage on this place. Write us.

WOODFORD BROS., Burlington, Kansas.

YOU'LL LIKE LINN COUNTY, KAN.

We have abundant coal, wood, natural gas and good water. The land raises magnificent crops of alfalfa, timothy, clover, bluegrass, oats, corn and wheat. R. F. D. and phone at your door. Price \$20 to \$80 per acre. List free.

A. E. ROOT, Pleasanton, Kan.

CHEAP 160 ACRES.

4 1/2 miles to Waverly, new three-room house, stable, 80 a. of it in cultivation, balance in pasture and new land, this is good new land. Can be handled with \$2,000. Price \$35 per acre. Write for new list.

RILEY & GOUDY, Waverly, Kan.

YOUR NEXT—160 acres all in good grass, 2 large never failing springs, over one-half of it good farm land, in a good neighborhood, less than 1/2 mile to a good school, 10 1/2 miles of Spearville, for a quick sale only \$11 per acre \$600 cash, balance to suit you; act quick, no trades. STINSON & SHELDON, Spearville, Kan.

HOG & CORN FARM \$45 PER A.

160 a. 1 mile town on Main Line into K. C. 100 a. rich bottom corn ground in cultivation; good 5-room house; big new barn 38x32x16; other buildings and hog sheds and scales; 12 0a. fenced hog-tight with woven wire; cross fenced for grading hogs. Must sell immediately. \$45 per a. Half cash, bal. to suit.

B. H. DUNBAR, Tyro, Kan.

KANSAS WHEAT AND ALFALFA LANDS.

Come to Comanche Co., Kansas, where the 1910 wheat crop went from 25 to 40 bu. per acre. Where two crops will pay for the land. Where alfalfa makes the finest seed crop. Where you can buy good land from \$20 to \$40 per acre. Write or call on

J. L. OVERSTREET, Coldwater, Kansas.

FINNEY COUNTY LANDS

That produce mammoth crops of sugar beets, alfalfa and all staples at reasonable prices on good terms. Prices are advancing rapidly; now is the time to buy. Write for prices, description and full information.

CHARLES D. GORHAM, Garden City, Kansas.

85 MILES SOUTH OF KANSAS CITY

320 acres, 1 1/2 miles from good town on M. K. & T., all level, no stone, plenty of fruit and water, improved, 260 acres in cultivation, balance prairie meadow. Price \$45.00 per acre. Worth \$55 today. Write quick. Other farms.

S. S. IRWIN, Kincaid, Kan.

JOHN W. BAUGHMAN

Prices \$10 to \$50. Terms: 1-10 down, bal. 1-10 monthly. Good level, well located lots, in rapidly growing town. Best lot proposition ever offered. Sure profits. To get the choicest locations write today.

PLAINS TOWN LOTS

FIELD NOTES
FIELD MEN.
O. W. Devine, Topeka, Kan.
Jesse R. Johnson, Clay Center, Kan.
R. G. Sollenberger, Woodston, Kan.



PURE BRED STOCK SALES.

Horses.

Percherons, Belgians and Shires.
Oct. 10—J. W. Barnhart, Butler, Mo.
Oct. 24—W. E. Coran, Whitehall, Ill.
Oct. 27—W. K. Ritter, R. 4, Co. 111.
Nov. 10—Sale at farm, J. C. Robinson, Te-wanda, Kan.
Nov. 15, 16—Lakewood Percherons, E. C. McMillan & Sons, Sioux City, Iowa.
Jan. 10, 11, 12, 13, 1911—Breeders' Sale Co., Bloomington, Ill.
Jan. 18—Chas. D. Knight, Oketo, Kan.
Feb. 25 and March 1, 2, 3, 1911—Breeders' Sale Co., Bloomington, Ill.

Shorthorns.

Oct. 13—American Royal, Kansas City, Mo.
Oct. 18—H. B. Edden, Pleasant Hill, Mo.
Nov. 15—J. E. Joines, Clyde, Kan.
June 6—C. S. Nevius, Chiles, Kan.

Combination Sale.

Sept. 28, 29, 30—Poland Chinas, Duroc Jerseys, Berkshires, Shorthorns, Aberdeen-Angus, Sale at Yates Center, G. A. Laude, Rose, Kan., Secretary.

Jersey Cattle.

Nov. 3—Mrs. S. B. Thomas, St. Joseph, Mo.

Hereford Cattle.

Oct. 14—American Royal, C. R. Thomas, Mgr., Kansas City, Mo.
Nov. 1—Sam'l Drybread, Elk City, Kan.
Nov. 10—T. B. Woodall, Fall River, Kan.
Nov. 15—O. Harris, Harris, Mo.

Holstein Cattle.

Feb. 7, 8, 1911—Rock Brook Farm, Sta. B. Omaha, Neb., 150 head will be offered.

Galloways.

Oct. 11—American Royal, Kansas City, Mo.

Aberdeen-Angus.

Oct. 12—American Royal, Kansas City, Mo.

O. I. O. Swine.

Feb. 14—Fantz Bros., Pleasant Hill, Mo.

Duroc-Jerseys.

Oct. 19—G. Van Patten, Sutton, Neb.
Oct. 21—Jas. Quinn, Waterville, Kan.
Oct. 26—Leon Carter, Asherville, Kan.
Oct. 26—P. H. Pagett, Beloit, Kan.
Oct. 27—W. E. Monasmith, Formosa, Kan.
Oct. 28—W. C. Whitney, Agra, Kan.
Oct. 21—White Bros., Buffalo, Kan.
Oct. 25—J. B. Davis, Fairview, Kan.
Oct. 28—W. C. Whitney, Lebanon, Kan.
Oct. 29—Rinehart & Son, Smith Center, Kan.
Nov. 2—Sam'l Drybread, Elk City, Kan.
Nov. 4—Chapin & Nordstrom, Green, Kan.
Sale at Clay Center, Kan.
Nov. 15—J. L. Williams, Bellaire, Kan.
Nov. 16—J. E. Joines, Clyde, Kan.
Nov. 19—Phillip Albrecht, Smith Center, Kan.
Jan. 30—A. T. Cross, Guide Rock, Neb.
Jan. 31—Ward Bros., Republic, Kan.
Feb. 1—W. E. Monasmith, Formosa, Kan.
Feb. 2—Thompson Bros., Garrison, Kan.
Feb. 2—G. P. Phillippi, Ebon, Kan.
Feb. 3—Rinehart & Son, Smith Center, Kan.
Feb. 4—W. C. Whitney, Agra, Kan.
Feb. 6—J. L. Williams, Bellaire, Kan.
Feb. 8—O. A. Tiller, Pawnee City, Neb.
Feb. 9—Samuelson Bros., Cleburne, Kan.
Feb. 10—Samuelson Bros., Blaine, Kan.
Feb. 13—T. E. Goethe, Leonardville, Kan.
Feb. 14—Chapin & Nordstrom, Green, Kan.
Sale at Clay Center, Kan.
Feb. 15—Leon Carter, Asherville, Kan.
Feb. 16—W. T. Fitch, Minneapolis, Kan.
Feb. 17—L. E. Boyle, Lindsay, Kan.
Feb. 22—Phillip Albrecht, Smith Center, Kan.
March 15—E. S. Davis, Meriden, Kan.

Poland Chinas.

Oct. 11—A. J. Swingle, Leonardville, Kan.
Oct. 12—W. B. Stafford, Bronson, Kan.
Oct. 13—Bert Wise, Reserve, Kan.
Oct. 14—T. J. Dawe, Troy, Kan.
Oct. 15—J. B. Whipple, Falls City, Neb.
Oct. 15—H. C. Dawson's Son, Endicott, Neb.
Sale at St. Marys, Kan.
Oct. 17—A. R. Enos, Romona, Kan.
Oct. 18—J. C. Meese, Ord, Neb.
Oct. 18—Herman Groninger & Sons, Bendena, Kan.
Oct. 19—A. E. Garrison, Summerfield, Kan.
Oct. 20—Roy Johnston, South Mound, Kan.
Oct. 20—Hubert J. Griffiths, Clay Center, Kan.
Oct. 20—G. S. Hamaker, Pawnee City, Neb.
Oct. 21—J. M. Ross, Valley Falls, Kan., and W. E. Long, Ozawie, Kan. Sale at Valley Falls, Kan.
Oct. 22—Eli Zimmerman, Hiawatha, Kan.
Oct. 24—W. F. Fulton, Waterville, Kan.
Oct. 25—W. C. Singer, Hiawatha, Kan.
Oct. 26—W. R. Webb, Bendena, Kan.
Oct. 26—G. M. Hull, Garnett, Kan.
Oct. 27—F. A. Tripp & Son, Meriden, Kan.
Oct. 27—Walter Hildwein, Fairview, Kan.
Oct. 28—L. R. Berkey, Louisburg, Kan.
Nov. 1—J. H. Hamilton & Son, Guide Rock, Neb.

Nov. 1—H. B. Walter, Effingham, Kan.
Nov. 1—H. F. Felphrey, Humboldt, Kan.
Nov. 2—J. W. Felphrey, Chanute, Kan.
Nov. 2—Albert Smith & Sons, Superior, Neb.
Nov. 2—H. W. Griffith, Clay Center, Kan.
Nov. 2—R. J. Peckham, Pawnee City, Neb.
Nov. 3—The Mortons, Tampa, Kan.
Nov. 3—George W. Smith, Burchard, Neb.
Nov. 3—D. W. Evans, Fairview, Kan.
Nov. 4—W. A. & C. Z. Baker, Butler, Mo.
Nov. 4—G. W. McKay, Laredo, Mo.
Nov. 5—Fuller Bros., Humphreys, Mo.
Nov. 8—Poland China Boar Sale, W. B. Van-Eorn, Overbrook, Kan.
Nov. 9—T. J. Meinh, Sabetha, Kan.
Nov. 11—C. S. Nevius, Chiles, Kan.
Nov. 11—S. B. Amcoats, Clay Center, Kan.
Nov. 15—H. B. Vanhooser, Eldon, Mo.
Nov. 16—W. A. Prewett, Asherville, Kan.
Nov. 19—G. W. Roberts, Larned, Kan.

COFFEY COUNTY, KANSAS. Write today for our new list of corn, wheat, alfalfa, clover and bluegrass farms at \$40 to \$65 per acre.

STEWART LAND CO., LeRoy, Kan.

ALLEN COUNTY IMPROVED FARMS \$40.00 and up. Cheapest land in Kansas, rainfall and location considered. Information free. IOLA LAND CO., Iola, Kansas.

EASTERN KANSAS.

160 A. well improved, can all be plowed, md. from Richmond. If sold soon \$52.50 or a write us, or better come see it.

RICHMOND LAND & LOAN CO., Richmond, Kansas.

Nov. 23—W. J. McFarland, Chase, Kan.
Nov. 23—C. H. Plicher, Glasco, Kan.
Jan. 2—J. M. Collins, Garnett, Kan.
Jan. 26—W. R. Stump, Blue Rapids, Kan.
Feb. 7—J. M. Ross and W. E. Long, Valley Falls, Kan.
Feb. 8—H. B. Walter, Effingham, Kan.
Feb. 8—T. J. Charles, Republic, Kan.
Feb. 9—Albert Graner, Lancaster, Kan.
Feb. 9—Albert Smith & Sons, Superior, Neb.
Feb. 10—J. E. Bewser, Abilene, Kan.
Feb. 10—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 11—C. S. Nevius, Chiles, Kan.
Feb. 14—A. P. Wright, Valley Center, Kan.
Bred sow sale.
Feb. 11—W. B. VanHorn, Overbrook, Kan.
Feb. 16—J. H. Harter, Westmoreland, Kan.
Feb. 16—J. D. Spangler, Sharon, Kan.
Feb. 17—Bred sows, E. VanHorn, Overbrook, Kan.
Feb. 18—Miller & Manderscheid, St. John, Kan.
Feb. 28—W. R. Stump, Blue Rapids, Kan.
March 4—C. H. Plicher, Glasco, Kan.

Change in Firm Name.

The Nelson Real Estate Co., of 137 North Main St., Wichita, Kan., one of Kansas Farmers' old advertisers, has changed its location to 107 South Main St., that city. The firm name will be known as the Edwin Taylor Realty Co. All the old friends of the firm will be welcomed at the new address, and every one not a customer and friend, is invited to call or write and become customers and friends. When writing this firm, kindly mention you saw this announcement in Kansas Farmer.

The International Live Stock Exposition at Chicago.

B. H. Helde, Secretary of the International Live Stock Exposition, announced yesterday that there will be an increase in the cash prize list this year several of the breeding associations having offered added purses in some of the classes. The prize list will aggregate \$75,000. For the first time in history of the show, the National French Draft Horse Association of America is offering a list of special prizes which will exceed \$500 in value. The International Live Stock Exposition this year, benefiting through the experience of the ten shows which have preceded it, will be greater and better than ever, and will offer an educational opportunity for studying Live Stock conditions such as has never before been available.

Roy Johnson's Big Polands.

Roy Johnson, the big type Poland China breeder of South Mound, Kan., has been called lucky in all his breeding operations. But he was more than lucky. He was sensible. He began by getting a lot of splendid big sows of just the type he wanted, then he hunted until he found the right boars and the result was success. He first secured Mammoth Ex. John Long, and Orphan Chief, and the result was that he offered pigs that weighed 350 pounds at 7 months old. He noted that his biggest, smoothest and best pigs came from daughters of Blain's Wonder. So when he had a chance he bought this famous boar. As a result his following sale brought an average of \$72.12 on 35 head of gilts and 5 sows. Now he will hold another sale on Oct. 20, when he will offer more of the same kind. They will make money for him. They will do so for you. Get a catalogue.

American Royal Shorthorn Sale.

In the sale of Shorthorns at Kansas City, Mo., October 13th, the same excellence that has characterized former sales at that show will be maintained. The consignors to the sale are: T. K. Tomson & Sons, S. C. Hanna, F. S. Stover, John O. A. Tiller, and Henry Stunkel, from Kansas; H. M. Hill and Nebraskas; C. A. Saunders, from Iowa; and H. C. Duncan, N. H. Gentry, Alex. Fraser, E. M. Hall, E. F. Swinney, W. A. Forsythe, S. Spangler and C. M. Brown, from Missouri. The offering contains the produce of some of the noted sires of the breed, viz: Whitehall Sultan, Choice Goods, Imp. Collynie, Gallant Knight, Golden Lavender, Avondale, and others. This will be a rare opportunity to get good Shorthorns. For catalogs, write B. O. Cowan, Asst. Secy., 13 Dexter Park Ave., Chicago.

Eli Sells Oct. 22.

Eli Zimmerman, the veteran Poland China breeder of Brown county, Kansas, will hold his annual fall sale in Hiawatha, Kansas, on Saturday, Oct. 22. Mr. Zimmerman has bred pure bred Poland Chinas longer than any other man now living in Kansas and is the first Kansas man to record Poland Chinas. He knows the business from a to z and has one of the best offerings he has ever offered to the public. He will sell 55 head, divided as follows: 19 spring and 3 fall yearling boars and 10 fall gilts, 20 spring gilts and 22 tried sows with litters. The fall stuff was sold to John As Model, grandson of Chief Tecumseh 3d. The spring pigs are all, with the exception of one litter, by Mr. Zimmerman's good breeding boar, Major B., a grandson on one side of the 900-pound Major M., and on the other side a grandson of Big Hadley. One litter of mighty good ones is by the great boar Prince Hadley, formerly owned by Mr. Zimmerman, now heading W. C. Singer's herd. One of the tried sows is a daughter of Prince Hadley and one of Hays' Model. Among the dams of the offering are daughters of Big Hadley, Prince Hadley, Johnson's Chief, etc. The offering is a well grown out one and will please buyers. Write now for catalog.

Garrison's Coming Poland Sale.

A. B. Garrison, the well known and well liked big type Poland China breeder of Summerfield, Kan., will hold his annual fall sale at the farm adjoining town on Wednesday, Oct. 19th. Mr. Garrison always has a good offering at his fall sales and this year is no exception. The entire offering of 15 spring boars, 20 spring and 5 fall yearling gilts was sired by the great boar, Gold Metal, that Mr. Garrison used to such good advantage in his herd and sold to J. G. Halderman of Burchard, Neb., last spring for \$250. He would weigh 1,100 pounds if highly fitted. His sire was Gold Metal and his dam one of the biggest and best sows of the breed. The offering which is in reality 40 tops from 70 head is out of the great old sows that have done so well for Mr. Garrison. Among them Black Lady 2d, by Blain's Wonder, Metal X Expansion breeding; Sis by old Hutch; Lady You Tell 5th, by Silver Chief; Metal's Queen, by Bell Metal. Mr. Garrison has been years building up his sow herd, buying the best and mating as only a breeder of his skill can. It is worth a great deal to buy out of a herd of this kind. Everyone interested in the best in Poland Chinas should attend. Mr. Garrison has a way of making everyone welcome, no difference what their business is at the sale. Catalogs are ready. Write for one and mention Kansas Farmer. G. S. Hamaker sells at Pawnee City next day. Free transportation to his place. Dealer attend both sales.

(Continued on page 31.)



W. H. RITTER, IMPORTER AND BREEDER OF PERCHERON and BELGIAN MARES and STALLIONS

Public Sale of forty head or more will be held on farm, five miles south of Colfax and four and one-fourth miles north of Arrowsmith, Ill., on **OCTOBER 27, 1910**

Send for catalog and arrange to attend my sale—20 miles from Bloomington, Ill.

W. H. RITTER, Route No. 4, COLFAX, ILLINOIS

BLUE RIBBON STOCK FARM

SEE OUR EXHIBIT OF PERCHERON STALLIONS AND MARES AT AMERICAN ROYAL, KANSAS CITY, Mo., OCT. 10-15, 1910. GOOD STOCK FOR SALE AT REASONABLE PRICES.

LEE BROS. :: :: :: :: Harveyville, Kansas

LAFAYETTE COUNTY JACK FARM

One mile from town.



50 JACKS Two to five years old, my own breeding, for sale at private treaty.

65 JENNETS Safe in foal to Dr. McCord. My prices will move them.

In my March sale jacks sold up to \$1,625. In my present offering are many that are better. I cordially invite jack buyers to come and see this offering, or write me for further particulars and prices. Address

W. J. FINLEY, Higginsville, Mo.



W. H. RICHARDS, Importer

A car load of extra good two and three-year-old Belgian and Percheron Stallions just arrived, August 17. Attractive prices will be given on them now to buyers so they can make a fall season.

Barns only four blocks from A. T. & S. F. depot.

EMPORIA, KANSAS

SAY: "I SAW YOUR AD. IN

KANSAS FARMER when you write to our advertisers. Your request for information, or your order will receive better and more prompt attention.



ROBISON'S

FALL SALE NOV. 10, 1910

Percherons, all ages For Sale Now

ADDRESS **J. C. ROBISON, Towanda, Kan.**

IMPORTERS AND BREEDERS.

Percherons Shires & Belgians

75-HEAD MARES AND STALLIONS-75

We won more prizes at Kansas State Fair than any one exhibitor which proves the quality of our horses. Just one word with you, Mr. Buyer, if you will come and inspect our horses and if you don't say that we have as good a bunch as you ever inspected and our prices the lowest, considering quality, we will be glad to pay your expenses. Write or come and see us before buying elsewhere for we will save you money.

L. R. WILEY & SONS ELMDALE, CHASE CO., KANSAS.

DUNHAMS' PERCHERONS

Fourth importation for 1910 arrived August 4th. Our present lot, we believe, equals or surpasses any we have heretofore collected. More horse of bone, size and first-class quality than ever. Numerous important prize winners. Write for catalogue.

W. S., J. B. & B. DUNHAM, Wayne, Illinois.

Zimmerman's

Annual Fall

POLAND CHINA SALE

Will be held at **HIAWATHA, KAN., SAT. OCT. 22, 1910**

Under Cover

55 head to be sold, comprising 3 fall yearling boars, 19 choice spring boars, 10 fall yearling gilts, 20 spring gilts and 2 tried sows with litters at foot sale day.

The spring stuff all but one litter was sired by my herd boar, Major B, a grandson of Major M., and Big Hadley. He is a great sire, of even, smooth stuff; one spring litter by Prince Hadley, W. C. Singer's good boar. The fall boars and gilts were sired by Hays' Model by Kansas Chief, he by Chief Tecumseh 3d. The tried sows are by Prince Hadley and Hays' Model. Among the dams of pigs are Lady Hutch 2d by Big Hutch, Susy M. by Prince Hadley, Cora A. by Johnson's Chief, Big Mollie, a very large sow, and others.

Free entertainment. Catalog furnished upon request. Bids may be sent to Jesse Johnson in my care at Hiawatha, Kan.

Auctioneers—Frank Zaun, D. Moore.

ELI ZIMMERMAN

Hiawatha :: :: :: Kansas

MEESE'S

BIG TYPE POLANDS

At Ord, Valley Co., Neb.

TUESDAY, OCT. 18TH

45 head in all, divided as follows: 23 spring boars, strictly tops, remainder spring gilts. The offering includes Sweet Look's litter by King Major. This was the first prize litter at Nebraska and Kansas State Fairs this year; also contained first prize boar and first and second gilt at Topeka. Sweet Look is full sister to the noted boar, Grand Look. She has won and helped to win seven firsts at two state fairs. The offering was sired mostly by King Major. Another attractive litter in sale is out of Lady U., the sow that produced the sweepstake boar bred by exhibitor at Lincoln last year. The same boar won first in class at same fair this year and is litter brother to the boar that won first in senior yearling class at Topeka this year. The offering is good and every breeder, whether present or represented by some one else, will be treated fair. Write for catalog, mentioning Kansas Farmer.

J. C. MEESE

Ord, Nebraska

Golden Rod Durocs AT AUCTION

Friday, October 21, 1910

40-HEAD-40

As good as the breed affords. Plenty of both scale and quality. The kind that will reproduce their good qualities in their offspring.

SIRED BY

Echo Top King, Golden Rod King, Crimson Wonder Jr., Commodore Boy, Chief Sensation and Golden Model, and on dams' side tracing to the most noted sires of the breed. There are prize winners and herd headers in this offering. Be sure and write for catalog, and if unable to attend, mail or wire bids to R. G. Sollenbarger in our care. See field note in this issue.

G. Van Patten & Son

SUTTON :: :: :: :: NEBRASKA

Auctioneer—Col. T. C. Callahan.

Poland China Hog Sale

A. R. Enos's Large Type

Ramona, Kan., Monday, Oct. 17th

55

5 Fall Yearling Gilts
2 Fall Yearling Boars
23 Spring Boars, ready for service
25 Extra Growthy Spring Gilts

55

These are the largest, smoothest, growthiest spring boars and gilts I ever offered, and you will say, sale day, they are the growthiest you nearly ever saw. They are nearly all sired by Knox All Hadley No. 56554, one of the largest and best breeding sons of Big Hadley and out of Tecumseh Gold Dust, out of Lady Gold Dust, whose litter was prized so highly by John Blaine. The dams of these spring boars and gilts in this sale combine great size, with an unusual amount of style and quality. Among them are such sows as Miss Highland by Highland Chief Jr., and out of Mabel Perfection; Neosho Queen by Blaine's Wonder and out of Black Bonnie; Lady Commoner 1st by Commoner and out of Neosho Queen. There will be several boars and gilts in this sale out of Colossal Queen, who was first in junior sow pig class both at Lincoln and Hutchinson State Fairs. Black Belle by Upper Crust, out of Lady Belle, will have four fine pigs in the sale; her full sister, Queen of Beauty, will have one boar, a herd header prospect. A few in the offering are by the extra large boar, Mammoth Mike. **THE KIND THAT FILL THE PORK BARREL.** No better backs, hams or feet, no easier feeding, roomier, stretchier bunch of spring boars and gilts will be sold this season. Sale held under cover at Ramona, on Rock Island, 9 miles west of Herington, Kan. Trains met at Jacob's Station, on Santa Fe. Send today for catalog. Send bids to J. R. Johnson, representing Kansas Farmer. Address,

A. R. ENOS, RAMONA, KANSAS

Auctioneer—Lafe Burger.

LAMBERT BROTHERS
Prize Winning

Poland Chinas

40 Head to be Sold at
AUCTION

At Fair Grounds, Adjoining Smith Center, Kan., on
THURSDAY, OCTOBER 20, 1910

This is one of the best offerings that will be made this fall and breeders and farmers should plan to attend this Banner Sale. The offering will consist of two fall boars, 31 spring boars, one 2-year-old sow, three fall gilts and three spring gilts. Three of the boars that were in their show litter will be sold. All sired by Quim Tard, he by Pan Fann, and his dam by Grand Chief. Dams of the offering are sired by such sires as Indicator 2d, Prince Corwin, Fine Chief, Dinger and Sunflower Perfection. Be sure to read field note in this issue and if unable to attend, send bids to R. G. Sollenbarger of the Kansas Farmer.

Catalogs now ready. Send for one. Address

Lambert Brothers

SMITH CENTER :: :: KANSAS

JOHN BRENNEN, Auctioneer.

Larger Type Poland China Sale

AT FARM NEAR

South Mound, Kansas

OCTOBER 20, 1910

This offering will include John Long 49897 and Logan Beauty 97687—Logan Beauty is the largest sow in Kansas—and 69 Spring pigs—Boars and Gilts.

A FEW REAL ATTRACTIONS FOR BREEDERS TO CONSIDER.

Two gilts and two boars by Orphan Chief and out of Cora's Wonder by Blain's Wonder; 1 gilt and 6 boars by Orphan Chief and out of Lady Look by Grand Look; 1 gilt and 4 boars by John Long and out of Beauty's Only by Hutch; 1 gilt and 3 boars by John Long and out of Tu Tu by Expansion 2d; 2 gilts and 2 boars by Orphan Chief and out of Bonnie Girl by Mammoth Ex; 2 gilts and 1 boar by John Long and out of May Lady by Blain's Wonder; 2 gilts and 2 boars by Orphan Chief and out of Wayward Girl by Big Hutch; 4 gilts and 2 boars by John Long and out of Bonnie's Sister by Blain's Wonder; 3 gilts and 2 boars by Orphan Chief and out of Bonnie B. by Blain's Wonder 4 gilts and 2 boars by John Long and out of Cosetta by Blain's Wonder; 2 gilts by King Blain 3d and out of Maid of Honor by King Do Do; 4 boars by Logan Ex and out of Pansy by Lute's Choice; 4 boars by Logan Ex and out of Kansas Rose by Broadgate Chief; 4 gilts by John Long and out of Mammoth Zelma by Mammoth Ex; 4 gilts and 2 boars by One Price and out of Shapely Madam by Logan Ex, and 1 gilt is by Logan Ex and out of a Sterling Jumbo sow.

There is a variety of breeding here and a uniformity of type and the pigs are as large as any Mr. Johnston has ever raised. Here is opportunity for the man who wants herd boar or brood sow material. Write at once for catalog. Address

ROY JOHNSTON

South Mound - - - Kansas

O. W. Devine will represent Kansas Farmer at this sale. Bids sent to him will be handled with care.
Auctioneers—Frank J. Zaun, Jas. W. Sparks, R. L. Harriman.

Dawe's Attraction Big Type Poland China Sale

TROY, KANSAS

FRIDAY, OCTOBER 14, 1910

I will sell 50 odd head of boars and gilts (big type breeding and big individually, the equal of any to be offered this season.

THE GREAT COLOSSUS Queen Over Pan Litter

of three boars and three gilts of March 22 farrow, sired by the great Colossus and out of the fine Expansion sow, Queen Over Pan, are good enough individually and are bred well enough to go into any herd in the land. The pigs in this litter are full brothers and sisters to the Dawson show herd of 1909 which made such an enviable record of winnings, including the champion, Capitol, and Colossus Maid. Also a crack litter of two boars and three sows out of Colossus Maid, sired by Joe S., he by Dorsey's Perfection. Another fine litter is out of Fame's Queen (she out of the champion, Famo X. L.) These pigs are sired by Expansion Over. Other litters out of sows by Blain's Tec. 2d, Flashy Metal, Nebraska Jumbo, etc.

This offering is in the pink of condition and all of early farrow. I guarantee satisfaction. Write now for catalog.

Send bids to Jesse Johnson, representing Kansas Farmer.
Frank Zaun, Auctioneer.

T. J. DAWE

TROY :: :: :: :: KANSAS

COMBINATION BIG TYPE POLAND CHINA SALE

At Valley Falls, Kansas

FRIDAY, OCTOBER 21ST, 1910

In town under cover

50 head in all, great individuality and carrying the blood of some of the biggest and best known animals of the breed.

25 head selected with care and strictly tops from each herd.

30 spring boars and 20 gilts. Sired by Ross' Hadley by Big Hadley out of Lady Hutch 2d by Johnson's Chief; Big Chief, very large sire bred by Peter Mouw, sired by Wonder 2d; Long's Mogul by Big Medium, he by Jansen's Mogul; First Look and Big Boned Mouw, five of as good, big type boars as can be found in the west. A great variety of breeding. Among the dams of the offering are sows by Price We Know, first prize boar at Nebraska State Fair a few years ago, Big Price, Molly Look by Looks Grand, Jumbo, Billy K., Flashy Metal, Big Chief, Duke's Hadley, etc., and scattered through the pedigrees appear the names of old Prince Wonder, Expansion, and other great hogs that have helped to give the big type hog prominence. Two good herds are supplying their tops and a mighty good offering is possible. Catalogs now ready. Send bids to Jesse Johnson in our care at Valley Falls, Kan. Free entertainment at New Century Hotel.

Auctioneer—James Sparks.

J. M. ROSS, Valley Falls, Kan.

W. E. LONG, Ozawkie, Kan.

Hamaker's Annual Fall POLAND SALE

Big Smooth Kind

THURSDAY, OCT. 20TH, 1910

40 head in all, consisting of 25 boars and 15 gilts, all of early farrow and very growthy, smooth, with excellent feet and great backs. Sired by Looks Grand and Growthy King 52542. Looks Grand is the boar that sired the great offering that composed Chapman's last fall sale, said by breeders to be the best lot ever put into one sale sired by one boar. His sale averaged nearly \$35 per head on spring pigs. Growthy is one of the largest and meatiest boars living. The dams of the pigs are large, matured sows sired by Big Hadley, Blain's Tecumseh 2d, King Do Do, Expansion See, Corwin Medium, Pfander's Giant Pride, etc. The 40 head are tops from 100 head of spring pigs and not a faulty one will be offered. Catalogs ready to send out. Send bids to Jesse Johnson in my care at Pawnee City. Free entertainment at Exchange Hotel.

Auctioneer—L. W. Leonard.

A. B. Garrison sells at Summerfield, Kan., the day before.

G. S. HAMAKER

PAWNEE CITY :: :: :: NEBRASKA

GARRISON'S GOLD METAL POLAND CHINA SALE

At SUMMERFIELD, KANSAS

WEDNESDAY, OCT. 19, 1910

SALE IN TOWN.

40 head will be sold, divided as follows: 15 choice spring boars, 20 spring gilts and 5 fall yearling gilts.

Everything sired by the great boar, Gold Medal, and out of big, mature sows, the best that I have ever been able to produce. Such as Black Lady 2d, by Blain's Wonder, Medal X, Expansion breeding, Sis by Old Hutch, Lady Spot, dam of Prince You Tell, Metal's Queen by Bell Metal, Lady You Tell 5th by Silver Chief, etc.

700 pound sows,

70 head to be sold—40 head goes in the sale.

Making the offering composed almost entirely of tops. I will offer them as I always do in breeding condition without much surplus fat. Breeders and farmers made welcome sale day whether they come as buyers or visitors. Free entertainment. Catalog sent upon application.

I will also sell 5 Shothorn bulls eligible to register, in age from 7 to 10 months, 2 of them roans, rest nice reds.

Trains met at Summit on Grand Island.

Send bids to Jesse Johnson in my care.

Auctioneers—F. C. Kinney, W. H. Trospen.

A. B. GARRISON

Summerfield, :: :: Kansas

G. S. Hamaker sells at Pawnee City, Neb., the day following.

Herman Gronniger & Sons
BIG POLAND
CHINA EVENT

At farm near Bendena, Kansas
TUESDAY, OCTOBER 18th, 1910
60-HEAD-60

Consisting of 10 toppy fall yearling boars, 30 choice spring boars, and 20 carefully selected spring gilts.

Sired by such boars as
 Banner Boy,
 Chief Designer,
 Wedd's Expansion,
 Prince Hadley,
 Granite's Quality,
 Colossus,

Out of large sows such as
 Coin Lady,
 Queen Hutch,
 Fashion Model,
 Maud Best,
 Queen Lil,
 Mollie K.

300 head to select from, not a poor one in this sale.

Attractions: One boar and 3 gilts by Colossus and out of a Bell Metal sow, 3 boars and 3 gilts (very growthy) sired by Wedd's Expansion, 2 boars and 3 gilts by Big Hadley's Likeness and out of one of our very best sows. Write for catalog, giving full information, breeding age, etc. Bids may be sent to Jesse Johnson in our care at Bendena, Kan. Trains met at Bendena on Rock Island and Severance on Grand Island. Your presence appreciated, either as a buyer or visitor.

HERMAN GRONNIGER & SONS

BENDENA, KAN.

JAS. W. SPARKS, Auctioneer.

SWINGLE'S
BIG TYPE
POLAND CHINAS
AT AUCTION..

LEONARDVILLE, Riley Co., KAN.
Tuesday Oct. 11, '10

44 HEAD IN ALL—CONSISTING OF

20 fall and spring boars, 7 sows with litters at foot and about 17 gilts of last fall, winter and spring farrow. Strictly big type. Most of the young stuff was sired by the great boars Colossus 46817 and Ex Mastadon 54361. The first named was bred by the noted big type breeder, Peter Mouw. Ex Mastadon was sired by a son of the great Expansion and was bred by one of Nebraska's good breeders. Size and quality combined has always been my motto and I am sure this offering will please. They will be sold in nice breeding condition but not fat. Write for catalog.

Auctioneer: Jas. T. McCulloch.

A. J. SWINGLE, LEONARDVILLE, KANS.

WHITE PLYMOUTH ROCKS

(EXCLUSIVELY.)

For 13 years I have bred White Rocks the best of all purpose fowls, and have some fine specimens of the breed. I sell eggs at a reasonable price. \$2.00 per 15, or \$5.00 per 45, and I prepay expressage to any point in the United States.

Station B,

THOMAS OWEN,

Topeka, Kansas.

HIGH CLASS
POLAND CHINA SALE

BRONSON, KAN.

OCT. 12, 1910

10 TRIED BROOD SOWS
20 SUMMER FALL YEARLINGS
15 SPRING BOARS, the Pick From 50 Head
10 SPRING GILTS, the Best I have in Herd

The tried sows are some of the best I have in my herd and are some that are regular breeders. They are sold on an absolute guarantee. They are of the most fashionable breeding and will make good for any breeder that will handle them right. I am selling 10 fall yearling gilts, they are as fine as I ever raised and are extra good. The 15 spring gilts are the pick from 50 head and are all good. The 10 spring gilts are my best.

The field men tell me I have one of the best herds in Kansas and I agree with them. A large part of my offering is sired by Silkworm, by Corrector 2nd, and Nobleman, by Meddler 2nd, they are both large and smooth with lots of quality.

My catalogs are ready, send for one and come to my sale. Parties will be met either at Bronson or Moran, Kansas. Send bids to O. W. Devine, representing Kansas Farmer. For catalogs address

W. B. STAFFORD, Bronson, Kan.

Auctioneers: Col. Frank J. Zaun, Independence, Mo., and Col. Smock, Moran, Kan.

When writing advertisers please mention Kansas Farmer.

WHIPPLE'S
WILKES BRED
POLAND CHINA

... AUCTION ...
FALLS CITY, NEB.

Saturday, Oct. 15th.

60 head in all, 30 boars, 30 females, including 5 tried sows, either bred or with litters at foot sale day. 6 fall gilts, bred. Remainder big, early spring gilts. Included in the boar division is my herd boar, Grand Success, one of the best boars ever sired by old First Quality. 2 fall boars, remainder early spring boars. All of the sows and fall gilts were bred to my intensely bred Wilkes boar, Wilkes Again, and a big per cent of the spring pigs are by him, the others are by Grand Success. The tried sows in my herd are representatives of many quite noted big type boars. Many of them daughters of Grand Success, others are daughters of Jumbo Perfection and Major Wilkes. Breeders that want a big smooth boar to cross on Expansion sows this is the best opportunity of the season. Everything will be sold in good breeding form but not very fat.

Write for catalog, mentioning Kansas Farmer, if interested and unable to be with us, make selections and send bids to Jesse Johnson, in our care, at Falls City. Sale in town.

Auctioneer: Frank Zaun.

J. B. WHIPPLE, Falls City, Neb.

...Wise's Double Header Poland China Sale... 14TH ANNUAL EVENT

Falls City, Neb., Sat. Oct. 8th.

20 Boars of early spring farrow. 20 carefully selected Gilts of early spring farrow

Hiawatha, Kan., Thur, Oct. 13th.

20 Boars of early farrow and 20 spring Gilts

Eighty head in all, no difference in the offerings. The two sales are being held instead of one in order to accommodate buyers living near the different points where the sales are to be held. The offering includes a very choice February boar sired by Colossus and out of a line bred Expansion sow. Also a very choice 10 months old boar by Wise's Hadley and out of his best sow. Ninety per cent of the offering was sired by the great Hadley and Expansion breeding, with enough variety of breeding to give them lots of quality. At the Brown county fair recently held I showed four sows and Wise's Hadley with a combined weight of 3,500 lacking just a little. Won six blue ribbons with six good herds competing. I have bred Poland Chinas for 25 years and believe this to be my best crop of pigs.

Write for catalog, and if unable to attend send sealed buying instructions to any fieldman or auctioneer.

Auctioneers: Frank Zaun, Jas. Sparks, Jesse Johnson, Fieldman for Kansas Farmer.

BERT G. WISE & SON, Reserve, Kan.

HORSES AND MULES

PUBLIC SALE of 30 Registered Percheron Mares and Stallions, Monday, October 10, 1910, 25 mares and 5 stallions ranging in age from one to seven years old. This my first sale, but I have listed some of the best things which I have bred. They will be a grand offering. Sale rain or shine. Catalogue will be out September 25th. Send for catalogue and come to sale. **ROUND BRANCH STOCK FARM**, 2 1/2 miles E. of Butler, Mo., J. W. Barnhart, proprietor.

SHETLAND PONIES FOR SALE—20 imported stallions and few bred mares. We have recently returned from Scotland with the finest importation of ponies ever brought to Nebraska. Write for private catalogue. **CLARKE BROS.**, Auburn, Neb.

PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE. Up-to-date Poland China hogs. Write for wants. **H. N. HOEDEMAN**, Meade, Kansas.

HOLSTEIN CATTLE

ROCK BROOK HERD

Best bargains in a carload of cows and heifers and a few bulls, 8 to 16 months old. Tuberculin tested. **ROCK BROOK FARM**, Station B, Omaha, Nebraska.

HOLSTEIN CATTLE. The Most Profitable Dairy Breed. Illustrated descriptive booklets free. Holstein-Friesian Ass'n of America. **L. HOUGHTON**, Sec., 114 Brattleboro, Vt.

FLOWER HERD HOLSTEIN-FRIESIAN. Do you need a high class bull ready for service whose three nearest dams average 26 lbs. to over 29 lbs. butter in 7 days? Have them for sale. Also choice bull calves 6 to 10 months old, and a limited number of choice A. R. O. cows to offer, light spare a few bred heifers. Holstein the most profitable cattle—figures prove it. **F. J. SEARLE**, Okaloosa, Kansas.

ANGUS CATTLE

PARKER PARRISH & CO.

Pure Blood Angus Cattle Herd bulls: Japan Ito, Envoy 2d, Gener 2d, Jeits Hale Lad. 400 in herd. Let's best blood, can ship on Mo. C., Santa Fe or Rock Island. Stock sale at all times.

30 Angus Bulls

OF SERVICEABLE AGE. Herd Headers and Range Bulls. Many of them by Champion Ito. **WATSON FARMS**, Lawrence Kan. 500 HEAD IN HERD.

ROLLED DURHAM CATTLE

VEDERE X2712-195058

One of the \$1,500 Grand Victor X1625 heads my herd of Double Standard Durhams. A few extra good, blocky, fleshed young bulls for sale. Inspected. Farm adjoins town. **C. VAN NICE**, Richland, Kansas.

RED POLLED CATTLE

CHOICE RED POLLED CATTLE. Herd the oldest in Marshall County. The best in breeding and individuality. Stock for sale at all times. **AULD BROS.**, Frankfort, Kansas.

RED POLLED CATTLE. A few choice young bulls for sale; also a few cows and heifers. **C. E. FOSTER**, Eldorado, Kan.

COBURN HERD OF RED POLLED CATTLE and Percheron Horses. Young stallions, bulls, and heifers for sale. **Geo. Groenmiller & Son**, Pomona, Kan.

SHORTHORN CATTLE

10-SCOTCH BULLS-10

from 10 to 14 months old. One roan, 9 reds, sired by show bulls and out of show cows. Must be sold to make room. Priced at \$75 to \$125. These are all good. I make steers out of my poor ones. Come at once. They will suit you. **COL. ED GREEN**, Florence, Kan.

Tomson Shorthorns



We expect to exhibit our show herd, chiefly the get of Gallant Knight's Heir and Barmpton Knight, at several western fairs. We have a few choice females and several splendid young bulls for sale.

T. K. TOMSON & SONS, DOVER, KAN. R. R. Station Willard, on R. I., 16 miles west of Topeka.

8 YOUNG SHORTHORN BULLS for sale, Scotch and Scotch Topped. Good individuals. Will sell few cows and heifers. Poland China sale Nov. 11. **S. B. AMCOATS**, Clay Center, Kansas.

SHORTHORNS

A few choice heifers for sale, nicely bred and good individuals, priced reasonable. Write or come and see my herd. **C. H. WHITE**, Burlington, Kan.

FOR SALE.

Five extra good Scotch and Scotch Topped bulls, 10 months old. Roans and reds, sired by Victor Archer and Forest Knight by Gallant Knight. Priced right. **B. A. STEWART**, Hutchinson, Kansas.

Center Grove Stock Farm

Scotch Shorthorn cattle and 20 bred sows and a few good spring boars of large type Poland China hogs. Write me what you want. No trouble to answer letters. Bell phone. **J. W. PELPHREY & SON**, Route No. 6, Chanute, Kansas.

HUMBOLDT NATIONAL STOCK FARM.

Shorthorn cattle, large type Poland China hogs, 10 spring boars, priced right. Write me your wants. I meet parties at trains. We can do business. Come and see me. **H. F. PELPHREY & SON**, Humboldt, Kansas.

GOLDEN KNIGHT, by Golden Prince by Gloster, at head of herd; a few choice heifers for sale, excellent breeding; also Percheron stallion colts. Prices reasonable. **JNO. W. TREADWAX**, Kincaid, Kan.

JERSEY CATTLE

LINSCOTT JERSEYS

offers a few choice cows in milk and some bred heifers. Milk and butter records accurately kept. **R. J. LINSCOTT**, Holton, Kansas.

Jerseydale Stock Farm

Imported and American Bred Jerseys. Carthage, Mo.

PHIL HANNUM, JR., OWNER. I am offering a yearling bull, ready for service, out of a five-gallon cow, bred along the same lines as the cow that won at the World's Fair, at a very reasonable price. Write today if you are in need, as I price stock at figures that sell them. Grade Jerseys bought on commission.

I have already for service a few grandsons of Merry Maiden's Third Son, Financial Count, Eurybia's Son and Fountain's Eminent. Prices and extended pedigrees upon application. These bulls will make excellent dairy sires and are fit to head any herd registered in A. J. C. C. **W. N. BANKS**, Independence, Kan.

GOLDEN RULE JERSEYS.

Headed by Ooner's Eminent 85865. For sale bull calf six months old, sired by Beatrice Stockwell and out of dam by Silverine's Lad. Recorded and tuberculin tested. Splendid individual. **JOHNSON & NORDSTROM**, Clay Center, Kansas.

(Continued from page 16.)

FIELD NOTES.

GETTING PROFITABLE STOCK.

American Royal Shows What's Desirable; Sales Provide It.

Every stock farmer knows what he wants to buy, to breed with or feed, either exactly or in a general way. The breeder, for instance, has his own ideals as to type—but he's usually willing to change if some authoritative source of information, such as the American Royal awards, shows him that he could breed towards more profitable type, one for which he could find more buyers at higher prices. And his great advantage if he gets this information at the Royal, is that he can buy at the Royal sales exactly what he needs. Each of the national associations of beef cattle breeders carefully inspects for health, and passes on for type and quality, the animals offered in the auction sales of breeding stock, so that the breeder who buys at these sales may be sure he is getting Hereford, Shorthorn, Galloway or Angus males or females that will improve his herds, and bring them closer to the ideals. The auction sale dates of breeding cattle are: Galloways, Tuesday, October 11; Angus, Wednesday, October 12; Shorthorns, Thursday, October 13; Herefords, Friday, October 14.

Whitney's Durocs. Look up the ad of W. C. Whitney of Agra, Kansas, in the Duroc-Jersey column. Mr. Whitney has some fine prospects for herd boars among his spring pigs and will price you one right. A full stock of Durocs are kept by Mr. Whitney and he can fit you out with a boar or sow of most any age and with good blood lines, as good as the best. Better let him price you one of those large, early spring boars.

The R. & S. farm at Smith Center, Kan., was visited this week and the Duroc herd on this farm was found in most excellent condition, the March and April pigs are weighing around the 200-lb. mark and are coming along fine for their sale, which will be held Oct. 29. It will be remembered this herd won a blue ribbon in every class in which they made an entry at the Smith County fair this year. Address Rinehart & Son, Smith Center, Kan., and mention Kansas Farmer. (Continued on page 22.)

HEREFORD CATTLE

SPRING CREEK HERD HEREFORDS. Headed by Christy 23447, Prairie Donald by Beau Donald 7th, and Sir Morgan by Onward 18th. Cows of Anxiety 4th, Hesoid, etc., breeding, including Imp. animals. Over 100 head in herd. Few choice young bulls and some females for sale. **TOM WALLACE**, Barnes, Kansas.

AUCTIONEERS

H. R. LITTLE Live Stock Auctioneer

A close student of men and methods with twenty years' experience as a breeder of Shorthorns. Entire time devoted to auction work. Reasonable charges for first-class service. Write or phone.

LET ME BOOK YOUR WINTER SALE DATE.

Can make right terms and give satisfaction. On block or in the ring. Write, wire or phone. **COL. RAY PAGE**, Friend, Neb.

JAS. T. McCULLOCH

Makes a business of crving sales of pure bred stock. Has conducted some of the best sales ever held in Kansas. For terms and dates address him at **Clay Center, Kansas.**

FRANK J. ZAUN, Fine Stock Auctioneer.

Independence, Mo. Am selling for the best cattle and hog breeders in the West. Terms very reasonable. Write or wire for dates. "Get Zaun, He Knows How."

FRANK REGAN, ESBON, KAN

Years of continuous selling has proved my ability and my employers are my best advertisers. Write, wire or phone for dates.

Jas. W. Sparks AUCTIONEER.

Pedigreed Live Stock, Marshall, Mo.

JOHN D. SNYDER AUCTIONEER.

Winfield, Kansas. I sell for many of the most successful breeders.

LAFE BURGER

LIVE STOCK AUCTIONEER. Write or wire me for date. **WELLINGTON, KAN.**

L. E. FIFE LIVESTOCK AUCTIONEER

Newton, Kansas. Breeder of Percherons, Shorthorns and Duroc Jersey hogs; posted in pedigrees; terms reasonable. Write or wire for date.

W. C. CURPHEY

LIVE STOCK AUCTIONEER. Write, phone or wire me for dates. **ABILENE, KANSAS.**

COL. CARL G. ANDERSON

Livestock and Real Estate Auctioneer. Years of experience, and a graduate course in one of the best auction schools, enables me to get the value of your stock and property. List your Livestock, Merchandise, and Exchanges with me. Sales cried and business solicited anywhere. Write me. **WHAT HAVE YOU FOR SALE OR TRADE? ATHOL, SMITH COUNTY, KAN.**

POLAND CHINAS

POLAND CHINAS

FOR SALE

Sunshine Herd Poland Chinas

An exceptionally fine litter of March pigs. by Bandmaster out of a Chief On & On sow. A. L. ALBRIGHT, Pomeroy, Kansas.

FOR SALE

Spring pigs by Hadley, Spangler's Wonder and Logan Look, priced very reasonable for quick sale. Write at once. HARRY W. HOAK, Attica, Barber County, Kan.

CHOICE POLAND CHINA PIGS

Sired by Voter 18383? Perfect Wschler 43911. Senator and Voter's Pride. Sows of equal breeding and richly bred. Pigs ready to ship. Attraction's Voter's boars out of Meddler dam. W. C. MILLIGAN, Clay Center, Kansas.

CLAY JUMBO 800 lbs.

The biggest yearling Poland China boar in Kansas heads our herd. Frame for 800 lbs. with plenty of quality. 100 pigs ready to ship. Reasonable prices. Herd established twenty years. H. W. GRIFFITH, Clay Center, Kansas.

WALBRIDGE POLANDS

WORTH THE MONEY. Boars: \$25, \$35, \$50. Gilts and sows: \$25, \$35, \$50, \$100. L. C. WALBRIDGE, Russell, Kan.

KRAMER'S BIG POLAND CHINAS

45 February and March pigs sired by L's Hadley by King Hadley, sweetstake boar at Nebraska state fair last year. Out of mature sows of Expansion, Grand Look and Price We Know breeding. D. A. KRAMER, Washington, Kan.

DESIGNER. SEARCHLIGHT



Kansas Live Stock History Does Not Give the Names of Two More Consistently Successful Animals Than These. Our Chief Herd Bull and Boar. They and their assistants are the factors in the everyday "make good" business practice which has given us a mighty satisfactory business in SHORTHORNS and POLAND CHINAS. Stock for sale at all times; and prices reasonable. Look for our sale dates and send for catalogue; each year better than the year before. C. S. NEVIUS, CHILES, Miami County, KAN.



BIG-BONED POLAND CHINAS

Spring boars for sale, sired by my herd boars; ORPHAN CHIEF by Orphan, JOHN LONG by Long John. The best lot I ever raised. Get your order in early and get your pick of my herd. ROY JOHNSTON, South Mound, Kan.

THE MORTONS

QUALITY AND SIZE POLAND CHINAS. Herd headed by Equipment 5153C by Impudence. For quick sale 20 summer and fall gilts sired by a son of Meddler 2nd, bred for August farrow. Also 3 fall boars. All representations guaranteed. THE MORTONS, Tampa, Kansas, Marion County.

BRED GILTS

Sired by First Choice, he by Grand Chief. Gilts bred to Little Bear, a grandson of On and On. Those offered for sale are the tons of a large bunch. The gilts and the price will please you. Write now to Young & Kimerling, Glasco, Kan.

THE 1000 LB. GOLD MEDAL

Heads my herd. 60 choice spring pigs for sale. Inspection invited. JOHN C. HALDERMAN, Burchard, Neb.

SULLIVAN COUNTY HERD.

Poland-Chinas, 200 head in herd, best blood known to the breed. For sale eight choice fall gilts; also eight Collie pups. FULLER BROS., Humphreys, Missouri.

SPRING MALES AND GILTS.

Now is the time to buy your breeding stock while the best is yet unsold. My pigs are strong and thrifty; are well bred and have been fed with an eye to future usefulness. Write me now. Address C. H. TILLQUIST, Osborne, Kansas.

BAKEWELL'S EXPANSION POLANDS.

Headed by Expansion Over 53110. Boar with immense size and good quality. Sows are daughters of old Expansion, Pan Fama, Grand Look etc. Herd established 25 years. Choice spring pigs for sale. See Expansion Over at Nebraska State Fair. J. W. BAKEWELL, Endicott, -Neb.

LOBAUGH'S BIG SMOOTH ONES.

For sale, 15 strictly top boars and 40 extra good gilts, early farrow; all but two litters sired by Kansas Ex., the best breeding Expansion bred boar in Kansas; out of sows by Chief, the 1,000-pound Mouw bred boar. A. C. LOBAUGH, Washington, Kansas.

175 BIG TYPE POLAND CHINA PIGS.

Both sexes, March and April farrow, sired by Bell Metal M. 54349 and Success 53651. Heavy boned and strong. Strictly big type. Reasonable prices. J. E. BOWSER, Abilene, Kansas.

STRYKER BROS.' HERD POLAND CHINAS.

The greatest show and breeding herd in the West. Write your wants and they will please you. Buy the best and make the kind you want. Address STRYKER BROS., Fredonia, Kansas.

80-FEBRUARY POLAND CHINA PIGS—80

Large, smooth and good individually. Sired by my herd boars: Wilkes Again and Grand Success, out of as fine a lot of big type sows as there is in the West. Inspection invited. J. B. WHIPPLE, Falls City, Nebraska.

RIDGEWAY STOCK FARM—Big Type Poland Chinas, headed by Union Leader.

Major Hadley and Hadley Prince. Sows by Expansion, Grand Look, Big Hadley, Bell Metal, etc. Spring pigs by he boars and Colossus. W. R. Webb, Bende, Kan.

EXPANSIVE.

The 1,000-lb. boar heads my herd of BIG Smooth Poland Chinas. A few choice boars by him for sale. Fall sale November 1. H. B. WALTER, Effingham, Kansas.

GEO. SMITH'S BIG POLANDS—Headed by Mammoth Hadley, the best son of Big Hadley.

Sows, daughters of King Do Do, Johnson's Chief, Gold Medal, First Quality, Chief Gold Dust, 5 litters by Grand Model by Grand Chief, 100 choice pigs doing well. George W. Smith, Burchard, Neb.

BLUE GRASS VALLEY STOCK FARM.

Big boned Poland Chinas. Herd headed by Big Hadley, King Ex, 3d, Long John the 2d and Missouri Wonder. Four of the best breeding boars of the breed; young stock for sale at all times; everything guaranteed as represented. W. A. Baker, Butler, Mo.

THE BIG POLAND CHINAS.

Spring pigs by Gold Bell Metal, Expansive, Expansion Over, Expansion See and Guy's Monarch, Out of Mogul, Expansion, Big Hadley, Tecumseh and Wonder bred sows. Write for description. Freeland & Williams, Valley Falls, Kan.

100 POLAND CHINA SPRING PIGS.

Booking order to ship later. Get your order in early and get first choice. Mostly sired by Filbuster 150655, a heavy boned son of the great Meddler 2d. Pigs out of dams of the best breeding. 240 head in herd. Description guaranteed. J. D. Willifong, Zenda, Kan.

GRANER'S BIG TYPE POLAND CHINAS.

Headed by Guy's Monarch 81415, the boar with frame for 1,000 lbs. and 19 1/2-inch bone. Sows, daughters of Expansion, Colossus, Bell Metal, Big Hadley, What's Ex., etc. Choice spring pigs for sale by Expansion, Colossus, Expansive and Guy's Monarch.

I still have a few good fall boars for sale at very reasonable prices; will also offer my 2-year-old boar, O. K. Chief. He is a good individual of the 800-lb. type; heavy bone, a good even breeder. R. J. FROHAM, Pawnee City, Nebraska.

CHOICE POLAND CHINAS.

Am offering a few extra choice good bred sows and gilts at very reasonable prices. All the most fashionable breeding and the easy-feeding kind. Families of Impudence, Meddler, Sp's Perfection, Meddler, 2d; other good breeding represented. Write your wants. I can please you. E. G. MANDERSCHIED, St. John, Kan.

BIG TYPE POLANDS.

Toulon Prince 50559 heads herd. Mated to 700-lb. sows. Choice pigs, either sex, for sale. L. E. KLEIN, Zenda, Kan.

DEER PARK STOCK FARM.

Richly bred Poland Chinas headed by the great Impudence E. L. and Noble Chief by Nobleman. Choice lot of spring pigs for sale by Impudence E. L. and Dawley's S. P. Perfection. D. A. WOLFFSPERGER, Council Grove, Kansas.

SUNNY SLOPE STOCK FARM.

Poland China hogs, Shorthorn cattle and Shroshire sheen. 50 growthy spring boars and gilts. Yearling and spring rams for sale. Visit my herd and make your selections or write me and mention the Kansas Farmer. W. T. HAMMOND, Fortis, Kan.

MEISNER'S BIG POLAND CHINAS.

Headed by Metal Choice. Sows are daughters of such sires as Nebraska Jumbo, Pawnee Chief, Big Hadley, etc. Fifty fine spring pigs to date and more sows to farrow. Inspection invited. T. J. MEISNER, Sabetha, Kansas.

DUROC JERSEYS

DUROC JERSEYS

RIVER BEND HERD DUROCS.

Headed by Fitch's Kant by Kant Be Beat and out of a son by Ohio Chief, one of the best individuals and breeders in the state. Let me know your wants. W. L. FITCH, Minneapolis, Kansas.

ALFALFA STOCK FARM DUROCS

Over 800 head of spring pigs now on the farm, the sires of which were sired by such boars as Ohio Chief, Billie K., Prince Wonder and from sows equally well bred. Fifty boars have been selected from a bunch of 200 and reserved for breeding purposes. Will quote you prices on single animals or in any size lots to suit. Address PEARL H. PAGETT, Beloit, Kansas.

SPRING BOARS AND GILTS.

Best of breeding and top quality. Some early spring boars—good, strong, growthy fellows—will be priced right. By such boars as Akra, Top Notcher, Paul Jumbo, Bonney K. and I am a Bonney K.; also gilts of equal breeding, quality and size, priced right. Address W. C. WHITNEY, Agra, Kansas.

CHOICE DUROC BOARS FOR SALE.

Good individual descendants of Orion, Valley Chief, Farmer Burns, etc. Reasonable prices. O. A. TILLER, Pawnee City, Neb.

GOETHE'S DUROCS.

I have for sale 40 extra good boars, March and April farrow. Sired by Big Crimson 69418, Walnut Wonder 81111 and Crimson Nob. Out of mature dams of the very best breeding. T. E. GOETHE, Leonardville, Kansas.

R. & S FARM

Public sale Oct. 29, 25 choice Duroc-Jersey boars and 15 gilts. All early spring farrow, sired by Golden Ruler No. 80555 and King of Kant Be Beat No. 83333. Bred sow sale Feb. 3, 1911.

RINEHART & SON.

Smith Center, Kan.

DUROC SOWS and GILTS

DUROC SOWS AND GILTS. 20 choice fall yearling gilts for quick sale. 10 bred sows, at prices to move them. Will breed and hold until safe. Fall sale Nov. 4th. CHAPIN & NORDSTROM, Green, Kansas.

CROW'S DUROC JERSEYS.

Herd headed by Climax Wonder, he by Missouri Wonder, 100 head to select from. Prices reasonable. The electric car runs within three blocks of my farm. Come and see my herd at any time. W. R. CROW, Hutchinson, Kansas.

BERKSHIRES

LARGE ENGLISH BERKSHIRE HOGS

For sale by H. U. McCurdy & Co., Hutchinson, Kan.

RIVERSIDE FARM BERKSHIRES.

Herd headed by Kansas Baron and Uncead's Longfellow. A few choice spring pigs for sale. You will find herd headers among them. RAYMOND G. BROWN, Minneapolis, Kansas.

SPRINGBANK DUROC JERSEYS.

Headed by W. H's Col., first prize Junior yearling boar Hutchinson State Fair, 1909, assisted by Chief Orion, third prize good boar. Now sale—Ten bred sows by Chief Orion bred to W. H's Col. Come and see them. W. H. WILLIAMSON, Raymond, Kansas.

OHIO IMPROVED CHESTERS

MISSOURI VALLEY HERD O. I. C. SWINE. A few choice March and April pigs left. Quality with rapid maturity. Priced worth the money. J. M. DRYDEN, Phelps City, Mo.

MOSSE OF KANSAS

Kansas Herd of Improved Chester Whites. Grand Champion Sow Kansas State Fair. ARTHUR MOSSE, Leavenworth, Kansas.

MAPLE LEAF O. I. C's.

The best blood lines represented in this herd. When in need of quality write. R. W. GAGE, B. D. S. Garnett, Kansas.

When writing advertisers please mention Kansas Farmer.

SUCCESSFUL SWINE RAISING

J. R. Sparks, breeder of fancy Poland Chinas, has compiled a valuable book on "How to grow, breed, feed, judge and exhibit in strong competition." This is one of the best of its kind. Write at once and mention Kansas Farmer. Address J. R. SPARKS, Hunter, Oklahoma.

(Continued from page 21.)

Bert G. Wise has decided to offer an equal number of boars and gilts in each of his Poland China sales, now being advertised. He will put in 20 head of each sex in each sale and they will be good ones. Do not fail to go to Falls City, Neb., on Oct. 8, and see your pick. If you do this you will be sure to be at Hiawatha on Oct. 13, to attend the other sale. They are both alike in number and quality and the two sales are made only to accommodate more people. Jesse B. Johnson, of the Kansas Farmer, will handle mail order bids. Write Mr. Wise for a catalog.

The music house of Lyon & Healy, Chicago, has started a movement to establish in every community, however large or small, an amateur symphony orchestra, fully equipped with high-grade instruments. The plan is to arrange that the instruments pay for themselves, thus relieving the individual members from any obligation. Master musicians realize that the famous orchestra leaders of the future must come from the ranks of the amateurs of today. They recognize that Lyon & Healy's plan to encourage the establishment and support of amateur symphony orchestras throughout the country may mark an epoch in the history of music in America. The keynote of the plan is organization. The details have been worked out with care and thoroughness. A booklet entitled "Delightful Evenings," which outlines the plan, has been published by Lyon & Healy and it will be sent free to anyone interested. In writing kindly mention Kansas Farmer.

Large, Smooth Poland Chinas.
On Oct. 20, Roy Johnston of South Mound, Kan., will sell 70 head of Poland Chinas. Owing to not holding a spring sale Mr. Johnston will sell a larger number than usual. He will sell the great brood sow Logan Beauty, safe in pig to Blain's Wonder. This should make a great cross and produce some great herd boar material. See ad in this issue and send at once for a catalog. It is full of valuable reading about Poland Chinas. Mention Kansas Farmer when you write.

Geo. M. Hull's Sale, Oct. 26.
On Oct. 26, Geo. M. Hull of Garnett, Kan., will sell 50 head of his large type Poland Chinas, consisting of 25 spring boars and 25 spring gilts. This offering is sired by five of the leading boars of the breed. The herd sows are among the tops of the best sales held last year, many of them selling at the top. The breeding is all you can ask for in large, smooth Poland Chinas. The catalog tells the story in detail. Don't fail to send for one and arrange to attend this sale. When writing kindly mention Kansas Farmer.

Lambert Bros. Sale.
On Oct. 20, Lambert Bros. of Smith Center will sell 40 head of Poland China fall and spring boars and gilts. These are all sired by their good breeding boar, Pan Famo, and having a dam by the great boar Grand Chief. Quinn Tard was the sire of their show litter which won 4 firsts and 2 seconds at Smith Center fair, and they were good enough for the judge to pick one to take to the Kansas State Agricultural College. This was one of the best litters seen at any of the fairs this year in the balance of Messrs. Lambert's offering compare very favorably with this litter. They are well grown and good enough to go in any herd. This is considered by the writer one of the best offerings that will be made this fall and should be looked after by both breeders and farmers. Get a catalog and if unable to attend send bids to R. G. Sollenberger, of this paper, in care of Mr. Lambert at Smith Center, but if possible attend this sale.

Enos Sells Oct 17.
One of the Poland China sales to be remembered and attended is the A. R. Enos sale to be held at Romona, Kan., Monday, Oct. 17. To those who have attended Mr. Enos's sales in the past it would be useless to describe this year's offering. There is no breeder in Kansas who excels Mr. Enos in ability as a producer of big, smooth Poland Chinas, and this year's offering is without doubt the best he has ever offered to the public. 5 yearling gilts, 2 good fall boars, 23 big, strong early spring boars and 25 extra choice spring gilts. Practically all of the spring pigs were sired by the outstanding good son of Big Hadley. His dam was Gold Dust Tecumseh, the great sow that topped John Blain's closing out sale at \$251. Mr. Enos's boar was out of the top litter at Blain's last fall sale. This boar is an excellent individual and has produced a wonderfully growthy, well finished and uniform lot of pigs. One good litter in the sale was sired by Mammoth Mike, the big boar formerly heading this herd. Among the great dams that produce this offspring are sows by Highland Chief, Jr., Big Chief by Royal Blue 2d, She by Big Tecumseh 2d, Upper Crust, Commoner, Colossus, etc. The herd boar, sire of the pigs we have just mentioned, measured last spring 61 inches heart girth, same for length and had 9 1/4-inch bone. Ramona is the first station west of Herington on the Rock Island. Trains met at Jacobs on Santa Fe. Sale right in town, under cover. Write at once for catalog, mentioning Kansas Farmer.

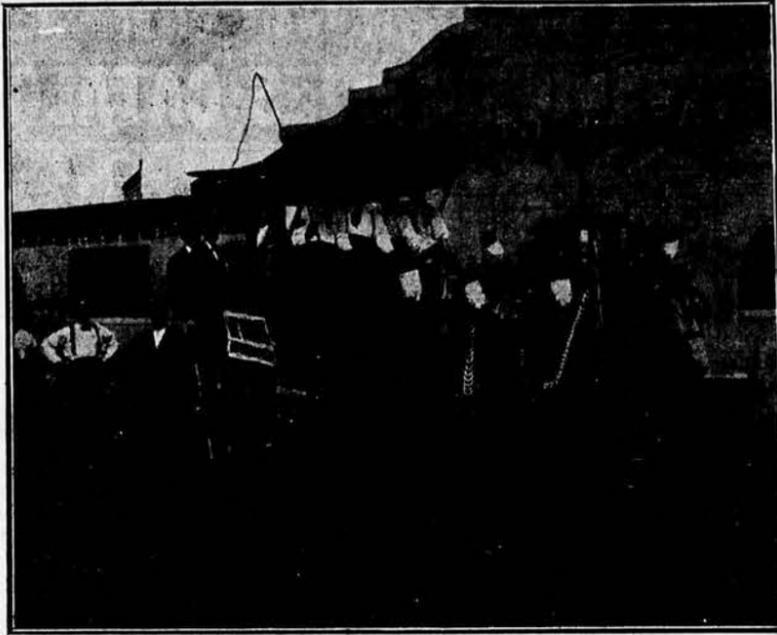
Meese's Oct. 18th Sale.
Mr. J. C. Meese, one of the most successful Poland China breeders and showmen of Nebraska, will hold his annual fall sale at Ord, Neb., on Oct. 18th. The offering of 45 head will be composed of 23 boars and the remainder spring gilts. All spring pigs good enough for breeders have been reserved for this sale and it will be one of the choicest offerings of the season, including the litter of the great sow Sweet Look and sired by King Major. This was the first prize litter at Nebraska state fair this year. Also first prize litter at Kansas state fair, Topeka, and contained the boar that won first at Topeka and gilts winning first and second at same fair. Their dam, Sweet Look, is full sister to the noted show boar Grand Look, she has won and helped win seven first prizes at two state fairs. The offering is by King Major and Young Mastiff, first prize junior yearling boar at Topeka, also headed winning herd and won first on get of sire. Another attractive litter in the sale is out of Lady U, the sow that produced sweepstake boar bred by exhibitor at Nebraska state fair last year. The same boar won first in class at Nebraska this year and is full brother to M. & M. Mastiff, first prize senior yearling boar at Topeka this year. Mr. Meese bred Grand Look and several other hogs of considerable note. This sale will be full of attractions and will be a fine place to secure a herd boar or a gilt that will look good in any herd. Write for catalog, mentioning Kansas Farmer.

Van Patten & Son's Duroc Sale.
We called on Gullbert Van Patten & Son of Sutton, Neb., this week and found on their farm a most splendid line of Durocs for their fall sale, Oct. 21. They will have a very growthy, even bunch to offer and in quality, breeding and prize winning second

to none. They were, of course, at Lincoln state fair and also at Hutchinson, Kan., and made strong winnings at each place. This herd holds a show and breeding record that is not excelled by any herd and the hogs are there with the goods that will go in this sale. The offering in their sale will be 40 head sired by Echo Top King, who was a champion winner this year at Lincoln, Medoc Golden Rod King, Commodore Boy, Crimston Wonder Jr., Chief Sensation, Golden Model II and Proud Series. Mr. Van Patten, Sr., has for years been considered one of the best breeders there is of Duroc hogs and you will find in this sale animals of extraordinary quality and you can get a boar here that will prove a good breeder as they are bred that way. Be sure and get a catalog and if you cannot attend be sure and send a bid to R. G. Sollenberger of Kansas Farmer, care of Messrs. Van Patten.

C. W. Merriam, owner of the Alysdale Shorthorns at Topeka, Kan., announces a number of choice bulls and heifers for sale. These are in fine shape and ready for active use. They were sired by Prince Consort 187008 or by Master of Alysdale and out of high class cows. The Alysdale herd is bred for quality not quantity and the buyer is sure to get his moneys' worth. Address Mr. Merriam at Columbian Building, Topeka, and mention Kansas Farmer.

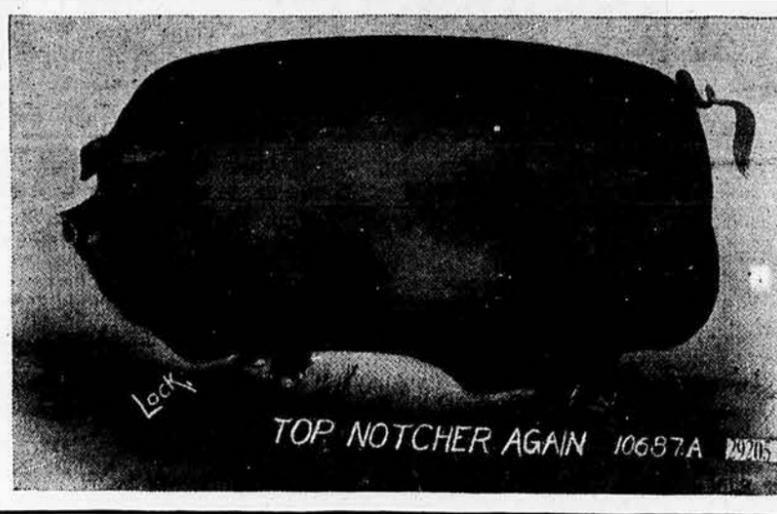
Col. Carl G. Anderson of Athol, Kan., makes an important change in his advertising card this week. The Col. has the happy faculty of being able to sell anything on earth at any place on earth. Notice his advertisement and write him for dates, mention Kansas Farmer.



Champion Team of Percheron Mares at State Fair, Topeka, Owned by Lee Bros., Harveyville, Kan.

Ross & Long, Valley Falls, Sale.
J. M. Ross, of Valley Falls, and W. E. Long, of Ozarkie, Kansas, have joined forces and will hold a combination sale of their big type Poland Chinas at Valley Falls, Friday, Oct. 21st. There will be 50 head in the sale, 25 from each herd. Both gentlemen will put in their very best stuff and as a result the 50 head will be strictly tops. The biggest per cent of the offering was sired by Mr. Ross's principal herd boar, Ross's Hadley, and Mr. Long's good boar, Long's Mogul, a pair of as good boars as ever graced any breeders herd. Ross's Hadley is a great son of Big Hadley and out of Lady Hutch 2d, by Johnson's Chief. Long's Mogul was sired by Big Medium, he by Mogul the boar formerly owned by Carl Jansen & Sons of Belleville, Kansas. The dam of Long's Mogul was Faultless Queen by Bellville Chief, grandson of Chief Tec. 3d. Other pigs in sale are by Big Chief, a very large Mouw bred boar, Big Boned Mouw and First Look. A great lot of sows in both herds are to a great extent responsible for this choice offering. They are sows that both men have been selecting with much care and at good prices for several years. In them the blood of many noted hogs is represented, such as Big Hadley, Johnson's Chief, Price We Know, Big Price, Highland Prince, Looks Grand, Billy K., Jumbo (Mouw breeding), Flashy Metal, Big Chief, etc. A very great variety of the choicest big type breeding. This will certainly be a good sale to attend. Write for catalog, mentioning this paper.

Gronniger's Big Sale, Oct. 18th.
Herman Gronniger & Sons the large type and large number Poland China breeders located at Bendena, Kansas, will hold their annual fall sale at the farm near town on Tuesday, Oct. 18th. The offering of 60 head has been selected from out of the herd of 800 head and are extra big ones, splendid bone, strong backs and growthy. There will be 10 fall yearling boars, 30 spring boars of early farrow and 20 spring gilts, every one a good one. If a pig in the Gronniger herd doesn't show up good he is driven just across the road on one of Mr. Gronniger's numerous farms and when the time comes is sold for pork. In the production of this season's splendid crop of pigs at least ten different boars have been used, among them Banner Boy, Big Hadley's Likeness, Chief Designer, Wedd's Expansion, Prince Hadley, Graniter's Quality, Colossus, etc. It will be noticed that several of the boars mentioned are owned by prominent Kansas breeders. Mr. Garrison has bought sows at their sales bred to these boars and invariably paying the top price of the sale. Gronniger's have a great lot of old sows, some of them they have bred themselves and others they came into possession in the way we have mentioned. Herman Gronniger, senior member of the firm, owns acres of rich Doniphan county land, fine buildings and automobiles and does nothing by halves. He believes in the best, whether he is buying hogs or preparing for his guests sale day. Don't miss this sale, write now for catalog, and mention this notice.



Top Notcher Again 10687A, Owned by F. C. Crocker, Filley, Neb.

Crocker's Durocs.
F. C. Crocker, Duroc Jersey breeder of Filley, Neb., is perhaps the only Duroc breeder in the west having two grand champion boars at the head of his herd. Mr. Crocker owns and has in service Top Notcher Again and Hogates Model. The first named won championship at Indiana and Illinois in 1903 and first at Ohio, Indiana and Illinois the following year. He is a son of the noted boar Top Notcher and his dam was Cedar Vale Queen 2nd. Not properly fitted, but weighing 900 lbs., he was shown and won fifth place at St. Louis World's Fair. He sired Top Notcher Chief, the junior champion boar at this fair, was also the sire of the first prize boar under six months. Hogates Model is a great individual and won first and grand championship at Nebraska state fair 1906. Mr. Crocker has for sale at private treaty 50 choice early spring boars sired by these boars, and out of as richly bred sows as can be found anywhere, many of them closely related to old Orion, Crimston Wonder, Bells Chief, etc. Write for information and mention Kansas Farmer.

Percheron and Belgian Mare Sale.
On Oct. 27th W. H. Ritter, of Colfax, Ill., will hold a public sale of Percheron and Belgian mares. Mr. Ritter has made his second importation and this year he spent several months in France and Belgium, carefully selecting and buying these mares. He bought only the best and can offer on sale day one of the best offerings that will pass through a sale ring this year—look at advertisement and send for a catalog. Don't fail to mention The Kansas Farmer when you write.

Fagett's Durocs.
Look up the ad of F. H. Fagett in this issue and see what extraordinary values he is offering you in Durocs. The writer visited this herd last week and was surprised at the growth and quality seen here. While we knew that great hogs were owned and produced here yet the bunch of spring stuff now on the Alfalfa Stock Farm are simply out of sight in growth and quality, and when it comes to breeding you need not ask Mr. Fagett if they are bred in the purple, as nothing but purple breeding is tolerated in

this herd. You can get a combination of the three most popular strains of the breed here, together with growth and quality, from a breeder that is behind the red hog to push. Let your wants be known if you want in on the ground floor.

Hubert Griffith's Oct. 20 Sale.
One of the October Poland China sales that farmers and breeders should keep in mind and arrange to attend is that of Hubert J. Griffith to be held at Clay Center, Kan., Thursday, Oct. 20. The sale will be held at Mr. Griffith's farm, six miles northwest of town, and the offering is a mighty good one, will be offered in splendid breeding form and not excessively fat. There will be sold 16 big, strong, well finished spring boars, the same number of spring gilts, 8 long bodied smooth fall yearling gilts and two tried sows, one of which will have a nice litter of pigs at foot, sired by Hugh Corwin. Three good litters in the spring division were sired by the massive yearling boar Clay Jumbo, and the rest by Hugh Corwin, the big, smooth, strong breeding boar bred by Carl Jansen & Son of Belleville. He is a son of Mogul, the best boar ever owned in northern Kansas. The fall gilts are by Hugh Corwin. Among the dams of the spring pigs are daughters of Expansion Metal, Kansas Black Chief, Longfellow and Billy U. S. 50497. The two best litters are out of Expansion and Bell Metal sows. The litter by Clay Jumbo and out of the very large sow Queen Rose by Expansion is as good a litter as will be sold in any sale this fall. This litter contains, No. 1 in catalog, one of the widest smoothest and growthiest boar pigs the writer has seen this year. He is good enough to head any herd. Catalog may be had by the asking. Bids may be sent to Jesse Johnson at Clay Center, Kan.

Buying Stoves by Mail.
Not long ago a prominent man said, "if a thing is good enough to stand national advertising for five years, that is conclusive evidence that the thing advertised has genuine merit, and deserves to succeed." Applying this test to Kalamazoo stoves and ranges, we find these stoves have established their right to the fullest public confidence and patronage. For a number of years Kansas Farmer has carried advertising of the Kalamazoo Stove Co., and hundreds of our readers have bought of them. We have had absolutely no complaints from any source, and conclude that Kalamazoo users are satisfied with their stoves at money saving prices. These stoves are sold only by mail, which makes low prices possible for the highest grade goods. If you have need of a stove or range, now or in the near future, don't fail to write at once to the Kalamazoo Stove Co., Kalamazoo, Mich., for their big, free catalog. Kindly mention Kansas Farmer when writing.

The Woodson County Show and Sales.
The writer attended the annual show and sales held last week by The Woodson County Improved Stock Breeders Association. This is one of the strongest of its kind in our state, being composed of more than 100 well known breeders of pure bred livestock. This association has met with remarkable success and the sales have always been well attended by anxious buyers to pick up the many bargains offered in livestock. The sales never have been anything but real bargains for the high-class animals sold. The corn crop in this section is very light this year and this was one thing that made the cattle sell low. While we do not wish to smooth or cover up anything, we want to be plain when we say that a large part of the cattle and hogs sold for less than the same class of stock would have sold for in other sales, under favorable conditions. Therefore, we speak for the larger part of the contributors that Yates Center is becoming widely known as a place to buy high class livestock at very low prices. Wednesday was devoted to the sale of Poland Chinas, Durocs and Berkshires, and every animal that sold will make big values to the purchaser. Thursday was devoted to the sale of Shorthorn cattle. The offering was first-class and sold for only fair values. Several very fashionable old cows and splendid individuals sold for very little more than the common stuff. Friday was devoted to selling 30 Shorthorns and 20 Angus cattle. The first and second day's records were repeated by establishing low prices for high class cattle. But notwithstanding the low prices, the show and sales were a success and will place Yates Center on the map as the place to buy real bargains. There is much credit due the association for the great work they have done in the way of building new barns, sheds and sale pavilion. The members and officers should be encouraged for their enterprising spirit. For the lack of space we omit the awards and sales.

Expert information means time saved, and money earned, when applied to running automobiles and gasoline engines, just as in other cases. There is not, perhaps, a more popular institution of its kind in the country than Dyke's Correspondence School of Motoring, 3947-K, Washington Ave., St. Louis, Mo. Dyke has taught thousands about Autos and engines, and none of those who have followed his courses have ever expressed to Kansas Farmer, anything but satisfaction with what he got for his money. This speaks highly for the work of Mr. Dyke and the practical success of his courses of instruction. No Kansas Farmer reader can lose anything by writing this school as above—and the chance of good profit accruing is more than a little. Write today, kindly mentioning Kansas Farmer, when writing.

Klein's Poland Chinas.
Mr. L. E. Klein, whose advertisement will appear regularly in these columns, is a very enthusiastic Poland China breeder of Zeandale, Riley county, Kan. He believes in the big type and has at the head of his herd the great breeding boar, Toulon Prince, and Expansion boar that did excellent service in J. H. Harter's herd at Westmoreland for several years. Mr. Klein's sows are daughters of such boars as Mogul's Monarch 45858 and Massive 45990. Mr. Klein is rather young in the business but is showing remarkable ability and judgment in making his selections and matings. He has a fine lot of spring pigs and is pricing them at prices consistent with their quality. He has a lot of summer and this fall pigs sired by Toulon Prince, that he will price and sell at weaning time. When writing him kindly mention Kansas Farmer.

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Send at once 25c for trial subscription to KANSAS FARMER from this date to January, 1911, and we will mail to you without a cent of extra cost, Twelve Beautiful Imported Post Cards. These cards are made in Saxony by a secret process that enables the manufacturers to reproduce their subjects in natural colors. They are truly works of art, and you have undoubtedly paid 5 cents apiece for post cards not nearly so nice. Send to KANSAS FARMER, TOPEKA, KAN.

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Build That House or Barn NOW and Save Money in Big Chunks!

To celebrate the completion of our new fireproof plant, we have started a sale that has startled the country. So great are the price reductions, so vast and varied is the stock, so wonderful are our new facilities for quick shipment, that the public is simply paralyzed. If you are ever going to build, if you are ever going to remodel or repair your house, barn or other buildings, if you are ever going to buy Building Material, now, now, now is the accepted time—the supreme opportunity to save big money—to make every dollar go twice as far as before. Such stupendous bargains, such money-saving offers, such high quality for so little money, may never, never, never come again. Delay may cost you dearly.

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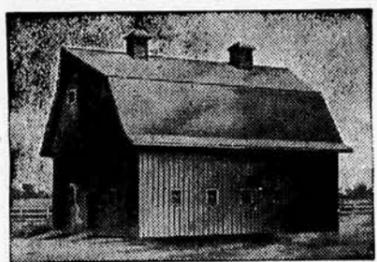
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