



Volume XLIII. Number 16

TOPEKA, KANSAS, APRIL 20, 1905

Established 1863. \$1 a Year

KANSAS FARMER.

Established in 1863.

Published every Thursday by the
KANSAS FARMER CO., - - TOPEKA, KANSASE. B. COWGILL.....President
J. B. McAFEE.....Vice President
D. C. NELLS.....Secretary and Treasurer

SUBSCRIPTION PRICE: \$1.00 A YEAR

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

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

**ADVERTISING RATES.**

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

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

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

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

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

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

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

Address all communications to

KANSAS FARMER CO.,
116 West Sixth Ave., Topeka, Kans.**Table of Contents**

Age, how to find a person's.....	418
Alfalfa seed per acre, amount of.....	412
Alkali patches, reclaiming.....	412
American Royal Show.....	416
Barley after Kafir-corn.....	412
Boy and girl question, the.....	420
Budding trees.....	413
Certification, withdrawal of.....	411
Dairy association, Kansas State.....	425
Dairy cows, experimenting with.....	424
Dairy school on wheels, a.....	422
Esquimaux children, fun of.....	419
Gardens, street sweepings for.....	415
Grange topics for Kansas.....	427
Goose culture.....	426
Hog-cholera, no.....	423
Household program.....	421
Insects, remarks on work with.....	414
Kansas history, program.....	421
Laboratories, a problem in.....	420
Meddle, the boy who learned not to.....	418
Merchandising, a revolution in.....	422
Nursery stock, State inspection of.....	415
Orchard, cultivate the.....	415
Poultry notes.....	427
Poultry pointers.....	426
Puritan New England, in.....	418
Railroad question and the farmer, the.....	411
Sunday-school lesson.....	421
Sweet young face, a (poem).....	418
Toyland (poem).....	419
Youth, lost (poem).....	420

Prices of beef on the hoof have advanced some. Prices of beef on the block have advanced much.

Some parts of Central Kansas reported two inches of snow on Monday, April 17. But it was good for the wheat.

Apples are considered safe even if the other fruit crops shall prove to have suffered heavy reductions on account of the late frosts.

The next annual session of the Farmers' National Congress will be held in Richmond, Va., September 12-22, 1905. The congress is composed

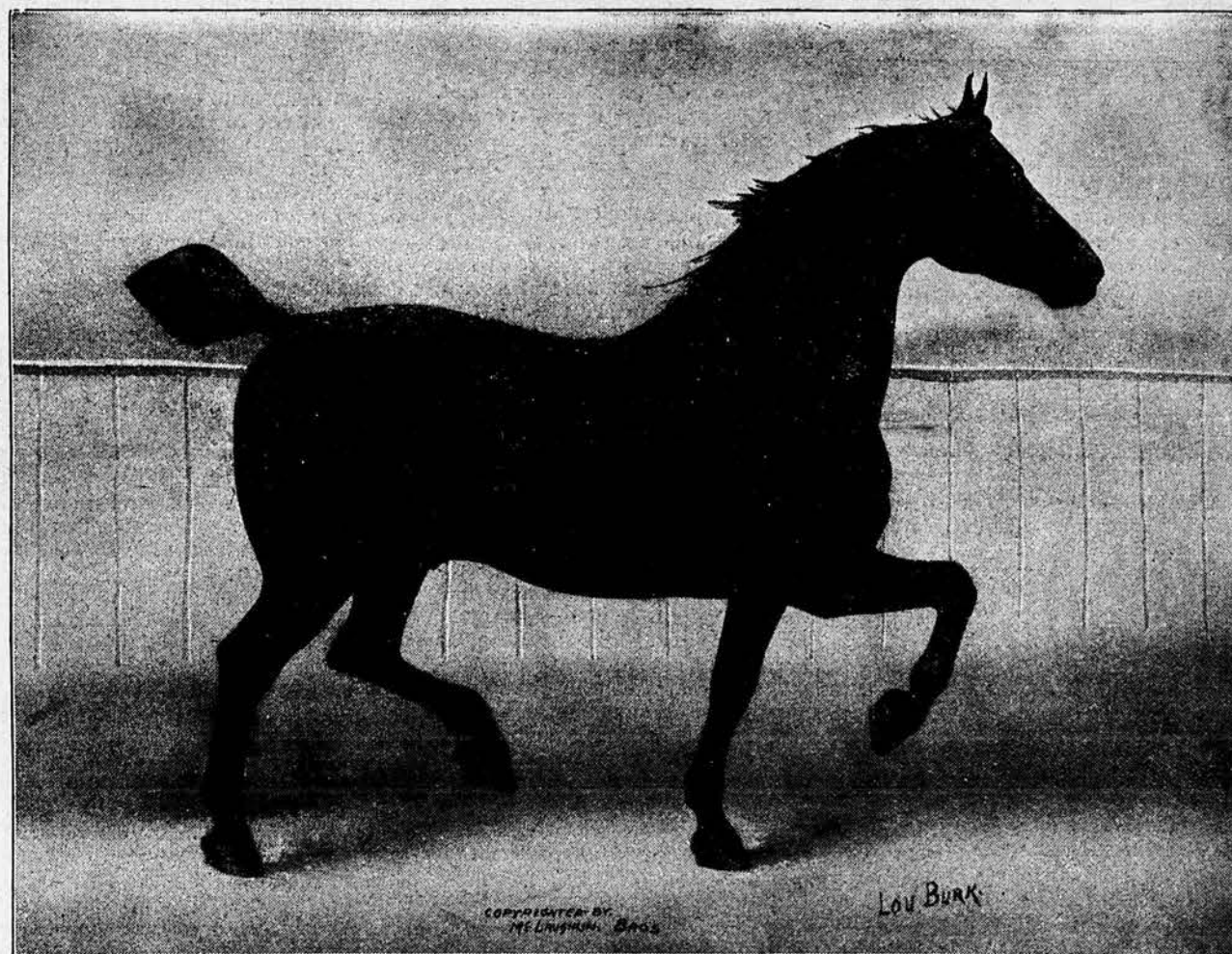
of delegates appointed by the Governors of the various States on the recommendation of the agricultural organizations of each State.

The animal husbandry department of the Kansas Agricultural College has just issued a bulletin, No. 126, giving

tary, 939-941 South Illinois St., Indianapolis, Ind.; American Essex Record, F. M. Srout, secretary, McLean, Ill.; Central Poland-China Record, W. H. Morris, secretary, 939-941 South Illinois St., Indianapolis, Ind.; Record of the Victoria Swine-Breeders' Association, H. Davis, secretary, Dyer, Ill.

his interest is not different from that of the carrier, so he may safely leave this aspect of the problem with the transportation companies.

Those who oppose all measures for regulating transportation charges point confidently to the admission of the Interstate Commerce Commission



THE IMPORTED FRENCH COACH STALLION, VENU 3301. Hoof No. 130.

Black, small star; foaled March 1, 1899. Bred by M. Joseph Gamache, Octeville, La Manche, France. Sired by the Government Quilstenle, dam Marie Buhot by Virgile, 2d dam Consolation by Prickwillow, 3d dam by Nagel, 4th dam by Point-D'Or. Owned by McLaughlin Bros., and now in their show barns at Kansas City, Mo.

account of "Experiments with Hand-Fed Calves." It is designed for the benefit of farmers who combine dairying with calf-raising. The bulletin may be had free of cost on application to the Kansas Experiment Station, Manhattan, Kans.

WITHDRAWAL OF CERTIFICATION.

Under date of April 5, 1905, Secretary James Wilson, of the United States Department of Agriculture, sends out notice that, on account of failure to comply with the provisions of B. A. I. Order No. 130, the withdrawal of the certification of the following associations and books of record has been recommended to the Secretary of the Treasury: Sheep Records: Standard Delaine Spanish Merino Sheep-Breeders' Register, S. M. Cleaver, secretary, West Brownsville, Pa.; American Rambouillet Record, Dwight Lincoln, secretary, Milford Center, Ohio; Swine Records: Chester White Record, W. H. Morris, secre-

THE RAILROAD QUESTION AND THE FARMER.

In current discussions of railroad rates much importance is imputed to the fact that complaints when made have usually been of discriminations in rates while almost no complaints by shippers have been filed with the Interstate Commerce Commission or anywhere else alleging extortionate rates as a chief evil. The fact that shippers are not the ultimate payers of the freight seems generally to have been overlooked. The shipper is usually a dealer, or, perhaps, a commissionman, or, possibly, a mere forwarder who treats the freight as one of the items of expense and charges it as a part of the cost to be accounted for in the margin between the price paid to the producer and the price paid by the consumer. The only interest this shipper has in the rate question is to know that his rates are as low as those accorded to any of his competitors. True, the shipper is harmed if rates, even though uniform, become so high as to be prohibitive. But, in this,

that discriminations are almost a thing of the past, then adding the statement that shippers rarely complain of the amount of the charges, they arrive easily at the conclusion that there is no demand for regulation.

In the West the farmers, the great silent half of the population, realize that, being producers of one class and consumers of other classes of commodities, the rates charged for transportation are matters affecting their profits in important measure. They are not generally "shippers," so that the assertion sometimes made that shippers are satisfied with existing conditions is without significance as to the farmers' attitude.

It is sometimes assumed that the interests of the farmer in these matters may be safely ignored. Much reliance is reposed in the assumption that the farmer is essentially an individualist, that his necessary self reliance and personal initiative, and, it may almost be added, his "personal referendum" make it unlikely that the farmer will ever favor schemes of State ownership. (Continued on page 422.)



MICA-NOID READY ROOFING

is water-proof; not affected by heat or cold; fire-proof against all ordinary roof exposures. ANYONE CAN LAY IT.

REQUIRES NO PAINTING WHEN LAID
GIVES GENERAL SATISFACTION

for Barns, Houses, Creameries, Factories, etc. For sale by dealers in Lumber, Hardware, Builders' Material, General Merchants and Agricultural Implements.

Ask Us To Send Samples Free
If your dealer hasn't MICA-NOID READY ROOFING, write us and we'll give you name of one who has.

ASBESTOS MFG. AND ROOFING CO.
Factory: 2d and Carr Sts. ST. LOUIS, MO.

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

PEACH TREES. No. 1, 3c., medium size 2 1/2
cts., No. 2, 1 1/2c. each. Trees kept
dormant until after May 15th. Cir-
cular free. R. S. JOHNSTON, Box 17, Stockley, Del.

ALFALFA New crop bright
clean, vital seed
Write for price.
SEED GEO. H. MACK & CO.,
Garden City, Kans.

CHOICE STRAWBERRY PLANTS
ONLY \$2 PER 1000. 30 varieties to select from.
TWENTIETH CENTURY FRUIT FARM
Atlantic, Iowa.

SEED POTATOES
Early Michigan and Banner. Pure, sound 60 c
sorted stock. Sacks free. Also seed corn
for grain or ensilage, at farmer prices Per Bu.
HENRY FIELD, Box 55, Shenandoah, Iowa

HAVE YOU GOT A DOLLAR
25 Grafted Apple Trees for \$1 Other Hardy Trees
25 Budded Peach Trees for \$1 and vines very cheap. A
50 Concord Grape Vines for \$1 due bill good for 25c and
catalog free. Write for it. We pay freight on \$10.00 orders.
FAIRBURY NURSERIES, Box 1, Fairbury, Neb.

TREES OF ALL KINDS
Save agent's com-
mission of 40 per
cent by ordering
direct from us at
wholesale prices.
BIG DISCOUNTS OFFERED YOU
See price list, send for it now. Certificate
of genuineness furnished that our stock is TRUE
TO NAME. Satisfaction guaranteed. Address
WICHITA NURSERY, Box B, Wichita, Kas

**GREGORY'S
SEED
CATALOGUE**
FOR 1905
We have
supplied
Farmers and Gardeners with
**GREGORY'S
SEEDS**
"Your catalogue contains more use-
ful information than I have found
in half a dozen others." writes
a customer. Catalogue free.
J. J. L. GREGORY & SON,
Marblehead, Mass.

WRITE FOR
CIRCULAR
FOR RAW FURS
To McMillan Fur & Wool Co.
MINNEAPOLIS, MINN.
DEPT. 30

I'd Like to Send You My
Easy Money-Making Plan
Pay me 10 cents if it suits you.
You are the judge.
Henry Endsley, Ellensburg, Kittitas Co., Wash.

Forrestor Automatic Gate **SELF-OPENING,
ALL STEEL.**
Saves enough
time in a year to
pay for itself.
Special prices in
new territory.
P. C. FORRESTER, Patentee and Mfr., Streator, Ill.
When writing advertisers please men-
tion this paper.

Agriculture

Barley After Kafir-Corn.

What do you consider the best way to prepare land that was planted to Kafir-corn last year? I wanted to put in barley this spring, and some say it will not do well after Kafir-corn. McPherson County.

EARL MYERLEY.

Some late-planted crop, such as millet, cow-peas, soy-beans, or even Kafir-corn itself, would probably do better on Kafir-corn ground than barley or early seeded crops. The results will, however, differ with the seasons. With a plentiful supply of moisture barley should do fairly well on Kafir-corn land. If the ground is not plowed, I would prefer to disk and harrow in preparing a seed-bed for barley.

Kafir-corn has the name of being a "hard" crop on the land. This is partly due to the fact that it exhausts the moisture of the soil to a greater degree than many other crops; also the crop grows late into the fall, and does not give the soil a chance to regain the available plant-food and moisture necessary to start and grow crops which are planted early in the spring. However, with a plentiful supply of moisture such as we had last fall and this spring, it is my judgment that barley will produce well on Kafir-corn land. In 1903 we produced a good crop of barley after Kafir-corn.

A. M. TENEYOK.

Reclaiming Alkali Patches.

I wish to inquire what your suggestion would be regarding the treatment of alkali patches in fields? I have a tract in which there are two or three alkali spots aggregating perhaps one-half acre. These I find difficult to cultivate, having a surface crust most of the time.

I would be glad if you will tell me how to manage such lands.

Shawnee County. J. C. MOHLER.

If the alkali patches are small, the land can be reclaimed by manuring heavily and plowing deep when the soil is in a favorable condition for tillage, then a second application of manure may be made and thoroughly mixed with the soil by cultivation.

These alkali spots are unproductive probably fully as much on account of the unfavorable texture of the soil as because of the excessive amount of soluble salts. Simply deep plowing of such spots late in the fall so that freezing and thawing have full effect on the soil, will tend to improve the texture of the soil; but the application of manure improves the texture more readily and to a greater degree than simply deep tillage.

I know it is hard to plow deep in such spots, but it can be done; if not with the ordinary mold-board plow, with the disk plow. The most practical method of reclaiming alkali patches is deep tillage and the application of plenty of barn-yard manure.

A. M. TENEYOK.

Amount of Alfalfa Seed per Acre.

The KANSAS FARMER came to hand to-day, in which I note the letter from Mr. C. B. Daughters, Riley County, in reference to sowing alfalfa.

Your advice on the following will be greatly appreciated. I have seven acres formerly used as a hog pasture, upland, sandy soil, Garfield County, Oklahoma, now in oats. As soon as the oats are cut I intended to disk, and then keep the smoothing harrow going until about September 1; then, the weather being favorable, to put in alfalfa with press grain drill. I had intended sowing 20 pounds to the acre, in fact, was just going to send for the seed, when I read Mr. Daughters' letter, and since then am in doubt as to whether or not I will need 20 pounds per acre. Will it be necessary to sow both ways with drill? Some advise mixing alfalfa seed with bran or cornmeal when sowing, to insure a more even distribution of seed. About how much cornmeal should be used, and how should the drill be set?

Will Professor TenEyck kindly give his opinion on Mr. Daughters' letter?

W. G. SUING.

Cook County, Illinois.

Last summer Mr. C. B. Daughters took me out to his farm near Manhattan, and showed me a field of alfalfa which he had seeded that spring. He sowed some 7 or 8 pounds of seed per acre I believe, on corn-land prepared by disking and harrowing. The alfalfa had made a splendid stand on almost every part of the field—and in some places was even too thick.

Mr. Daughters' method of preparing a seed-bed for alfalfa, by disking and harrowing unplowed land, can hardly be improved upon. As a rule, however, I should prefer not to be obliged to rake and burn the weeds, and I would not even remove the stubble or corn-stalks, but would rather disk the land with the trash on it, and harrow it level as he has suggested, keeping the trash from bunching by running the teeth of the harrow at a sufficient angle so that the harrow will clear. We have usually cleared the ground of trash or stalks as suggested by Mr. Daughters; but this year we are seeding with the stalks upon the ground, simply breaking down the stalks with the cutter, disking the land two or three times—not too deeply—and leveling with the harrow. Our alfalfa was seeded on March 16, just before the wet weather; the rains began so quickly that we were unable to harrow it after seeding. It is coming up at this date (March 30).

I am inclined to endorse Mr. Daughters' plan not to wait until danger of frost is past before seeding alfalfa. There is on the whole less liability of alfalfa being destroyed by frost when seeded early than by unfavorable weather conditions when seeded later, and the medium seedings are sometimes more apt to be destroyed by frost than earlier seedings. Alfalfa will only be killed by frost at about one stage in its growth, that is, just about the time it comes up and has one pair of leaves; after the plant has made some growth and has several leaves it will hardly be destroyed by frost.

As to the point of sowing 20 pounds or more of seed per acre, it is the judgment of many alfalfa-growers in Kansas to-day that this is unnecessary and perhaps even undesirable. A year ago last winter, at the meeting of the Kansas State Board of Agriculture, Mr. C. E. Sutton, of Russell County, stated that he had secured a splendid stand of alfalfa by sowing 6 pounds of seed per acre. Col. J. W. Robison, of Butler County, stated that while he had formerly seeded from 20 to 25 pounds of alfalfa per acre, he was now seeding only 15 pounds, and he would not seed more than 12 pounds per acre hereafter. In a rate-of-seeding trial conducted at this station last spring alfalfa was sown broadcast at the rate of from 8 to 30 pounds per acre. The land was not in the best possible seed-bed condition, being spring plowing. In this trial the thinnest seeding gave a fair stand, while an excellent stand of alfalfa was secured from seeding 12 pounds of seed per acre. It is even noticeable this spring—as suggested by Mr. Daughters—that the thickly seeded alfalfa is not so thrifty as that sown thinner.

I can not accept Mr. Daughters' statement that it is not necessary to "prepare a good seed-bed." The reason why he has such good success is that he does prepare a good seed-bed for alfalfa. In order to secure the ideal seed-bed it is not always necessary to do a large amount of work on the land. The seed-bed for alfalfa should be mellow only about as deep as the seed is sown, while below the seed the ground should be firm, but not too compact and hard; such a seed-bed condition may be secured by disking and harrowing corn-land or other unplowed land, as Mr. Daughters has stated.

Your plan of preparing a seed-bed for fall seeding of alfalfa could hardly be improved upon, unless some other crop than oats had been planted on the ground this spring. The annual legumes, field-peas, cow-peas, or soy-beans, make excellent crops with which to precede fall-seeding of alfalfa.

WHAT DO YOU SAY?
Several hundred thousand farmers say that the best investment they ever made was when they bought an
Electric Handy Wagon
Low wheels, wide tires; easy work, light draft. We'll sell you a set of the best steel wheels made for your old wagon. Spoke united with hub, guaranteed not to break nor work loose. Send for our catalogue and save money.
ELECTRIC WHEEL CO., Box 46, Quincy, Ill.

BOOK FREE FARM TELEPHONES How to put them up—what they cost—why they save you money; all information and valuable book free. Write J. Andrus & Sons, 823 W. Water St., Milwaukee, Wis.

Wire Fence 29c
48-in. stock fence per rod only
Best high carbon coiled steel spring wire
Catalog of fences, tools and supplies FREE.
Buy direct at wholesale. Write today.
MASON FENCE CO. Box 62, Leeburg, O.

NINETEEN YEARS' SERVICE
No repairs excepting new posts, and still good fences, is a good record, but we are constantly improving the quality of Page-Wire and our process of galvanizing, and are weaving Page Fences more firmly than ever before. We aim to make the best fence, and "A PAGE today is a PAGE to stay." Write for catalog.
PAGE WOVEN WIRE FENCE CO. Box 7847, Adrian, Mich.

WELL DRILLING MACHINES
Over 70 sizes and styles for drilling either deep or shallow wells in any kind of soil or rock. Mounted on wheels or on sills. With engine or horse powers. Strong, simple and durable. Any mechanic can operate them easily. Send for catalog.
WILLIAMS BROS., Ithaca, N. Y.

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

THE LARGEST AND BEST LINE OF WELL DRILLING MACHINERY In America. We have been making it for over 20 years. Do not buy until you see our new Illustrated Catalogue No. 41. Send for it now. It is FREE.
Austin Manufacturing Co., Chicago

FARMERS FRIEND FENCE
AT FACTORY PRICE.
A farmer knows what it takes to make a good fence. This Ideal Hog Fence was invented on a farm by a farmer to supply his needs. Your needs are no different. It's just the thing for Hogs, and so very good for large stock that everybody wants it. Stay and wire are inter-twisted. You Can't Slip Them. It costs so little because sold direct to you. Catalog free.
FARMERS FENCE CO. Box 50, Helver, Kans.

Save all the Grain
Belle City Small Threshers are so low priced the farmer can own one and thresh any kind of grain when it is ready, at less cost than to stack it. Light enough to take anywhere; strong enough to do any work. Compact, durable, guaranteed. Big illustrated catalog free. Send for it.
Belle City Mfg. Co.,
RACINE JUNCTION, WIS.
Box 78.

BIG ILLUSTRATED CATALOGUE FREE

FARM WAGON OFFER.



FOR \$36.90 WE SELL THE HIGHEST GRADE MADE, complete with double box, drop tongue, spring seat, neckyoke and doubletrees. EVERY WAGON COVERED BY OUR BINDING GUARANTEE.
FOR FREE FARM WAGON CATALOGUE with many illustrations of wagons, all parts, etc., full descriptions, guarantee free trial offer, for explanation why we can sell the best wagon made at about one-half the price others charge, for low freight rate and quick delivery explanation, for the most astonishingly liberal Farm Wagon Offer ever heard of, cut this ad out and send to us, or on a postal card say "Send me your Free Farm Wagon Catalogue," and get all by return mail free, postpaid.
Address, SEARS, ROEBUCK & CO., CHICAGO.

to placing the order. Such work is always more satisfactory to all concerned. ALBERT DICKENS.

Remarks on Work With Insects.
ELBERT S. TUCKER, MUSEUM ASSISTANT
IN SYSTEMATIC ENTOMOLOGY, UNIVERSITY OF KANSAS, LAWRENCE.

When visitors come to the University of Kansas and review the progress of the institution, they can not fail to be deeply impressed with the monumental life-work which holds the record for longest service and belongs justly to Dr. F. H. Snow. All acknowledgements given to his credit are worthily bestowed. In the January number of the National Printer-Journalist, Mr. B. B. Herbert, the editor, tells of his visit in an account from which the following extract is quoted:

"A visit to the State University of Kansas, on December 19, served to remind us as to how useful and practical such universities have become. Kansas stands in the front ranks among the best. Naturally we were especially interested in the 'Course in Journalism,' in which the school has taken the lead, but we were not deterred, on that account, from learning of other practical courses and practical work. The business course provided is superb and the other departments are proving very useful not only in the way of practical instruction but to the people outside the school.

Francis H. Snow, Ph. D., LL. D., who has been connected with the university almost from its beginning, and is now Professor of Organic Evolution, Systematic Entomology and Meteorology, and Curator of the Entomological Collections, some six years ago discovered a highly contagious, parasitic fungoid disease that kills chinch-bugs. By propagating this disease and sending out the diseased bugs throughout the wheat-belt, havoc was worked among those very destructive pests and without doubt millions of bushels of grain were saved to the farmers that would otherwise have been destroyed. As a result, Kansas has for the past three or four years, been almost entirely free from the chinch-bug. The disease is propagated best in a moist atmosphere on shaded, damp ground with temperature about 70 degrees above zero.

Mr. Snow has in his department one of the finest and completest entomological collections in the country. We passed a half hour or so, delightfully, in looking through his splendidly mounted and scientifically arranged collections of beetles, butterflies, moths and bugs. It is wonderful as well as gratifying to know how much service has been rendered to gardeners, fruit-growers and farmers through the practical study of insects and the ascertaining of methods or agencies for the destruction of those that are hurtful to plants.

The work of an entomologist is to learn about insects, spiders and their class, and the many-legged worms; but his principal efforts deal with the insects. To learn how insects live, how they multiply and grow from one stage to another quite different (usually through distinct transformations), what they feed on and how they feed (either by gnawing or sucking), how classified according to structure, what names both common and scientific are given to the various kinds, how and what enemies, conditions and means affect them, constitute much of the important feature called economic entomology, the practical results of which are shown by the successful methods of treatment used in combating injurious insects.

Much information has been prepared for the farmer as well as for the student, who can reasonably afford to purchase a book now and then for general reading. Two popular books which deserve mention here should be on sale at every bookstore; if they are not carried in stock, the book-dealer can order either or both for a customer, at the regular price.

"Caterpillars and Their Moths" is the title of a neat book by Ida M. Eliot and Caroline Gray Soule. This book has been written in response to the request of many teachers and young naturalists. It is the result of more

than twenty years spent in studying and rearing moths, and it contains all the facts needed for successful work in this fascinating line, as much structural detail as beginners need to know, an account of the appliances the authors have found most useful, and a list of books on the subject. The life-histories of important species are written from actual experience. The illustrations are very striking; they are made from photographs and show actual size. Price, \$2 net.

"Birds in Their Relations to Man," by Clarence M. Weed and Ned Dearborn, covers a subject of importance to every person. This book is the outgrowth of twenty years of study and experience, and deals, it is believed, more fully and specifically with birds in their economic relations than any previous publication. It would appeal with special interest to the great army of bird-lovers, and likewise to those who have at heart logical and thorough game protection. From another view-point it should appeal with practical force to the horticulturist and agriculturist. To the teacher of natural history in our common schools it offers itself as a comprehensive, accurate, and clear statement of the subject, and has particular importance for the student body at agricultural colleges. Price, \$2.50.

THE SPRING CANKER-WORM.
(*Paleacrita vernata*, Peck.)

Although the past March was unusually warm for this month, the appearance of canker-moths, the parents of the worms so called, seemed to be a little later than in other years. As early as February 27, in 1903, the moths were abundant in an apple-orchard near Lawrence, where they were observed by the light of a lantern after dusk. Mating was found to take place on the ground whence the insects emerged, and from the observation that the male moth can fly up into a tree carrying the female at this time, one reason for the failure of



Life History of Spring Canker-Worm.—a, magnified egg and cluster of eggs; b, larva; c, female (wingless) moth; d, male moth. All natural size except a, magnified. (After Riley.)

bands to protect the tree is shown. Being wingless, the female moth would have to crawl up the tree to lay her eggs were she not elevated by the male which has well-developed wings. On March 16, of that year, during another inspection, egg masses were very easily found attached to the under side of strips of bark, quite low down on the trunks of the trees. The females acted as if they were too weak to climb high. After egg-laying, they dropped from exhaustion and perished.

In one of the home papers, attention was then called to this pest as follows: "The spring canker-worm moths are appearing in great numbers, and were first noticed before the last heavy snow. They are seen towards evening on the warm days after the ground has thawed, particularly under elm-trees which the female moths ascend to lay their eggs, though they also infest apple-trees. Banding the trees with some sticky substance will, to a great extent, prevent the ascent of the females, as they are wingless, but from recent observations, the males have been seen flying with the females clinging to them and are thus carried up into the trees in spite of preventive measures. The most effective remedy then would be spraying with poison after the worms hatch. However, banding should not be neglected as it will materially check the extent of propagation."

The same orchard referred to was, a year later, free from the pest; no moths were seen and no eggs were found, and an opinion was offered that any trouble from canker-worms would not be noticeable in the neighborhood at least. But while this particular orchard remained free from attacks, other orchards on adjoining farms became badly infested. Consequently, one re-

BUY GRAND PRIZE ALFALFA SEED

Our Alfalfa Seed Exhibit won the Highest Award at St. Louis Exposition, in competition with all Alfalfa seed producing countries of Europe and the United States. We also handle Macaroni Wheat, Cane, Kafir-Corn, Jerusalem corn, and other farm seeds. Write us for prices on carloads or bushels lots. **McBETH & KINNISON,** Garden City, Kansas

SEED

Grown in Fremont County, Iowa, the best Seed Corn County in the State. We do not give a lot of free things you do not need, but your money's worth in seed corn, or other seeds you may need. We ship corn in ear when you want it. Write today for a catalog and samples of our different kinds of seeds, if you want the best. Write to, **ROSS & FERREL, Farragut, Iowa.**

CORN

J. C. PEPPARD
1101-17 W 5th St.
KANSAS CITY, MO.

**ALFALFA
MILLET, OANE
CLOVER
TIMOTHY
GRASS SEED**

SEEDS

TOPEKA SEED HOUSE

ESTABLISHED 1876

Wholesale and Retail Dealers in Garden, Field and Flower Seeds, Seed-Corn, Kafir-Corn, Cane Seed and Millet.

All kinds of winter and summer, blooming plants and bulbs. Hardy flowering shrubs and climbing vines, hardy ever-blooming Roses a specialty. Choice Fruit Trees, Small Fruits and Grape Vines, Palms and Ferns. Gold Fish and Aquarium Supplies. Poultry Supplies, Oyster-shell, Grits, Bone, and all kinds of Poultry Cures. Send for our catalogues and give us a trial order. Call on or address

S. H. DOWNS, Mgr., 306 Kansas Ave., Topeka, Kans.

KANSAS OIL

There is no section of America that is attracting the attention that the Kansas Oil Fields are to-day for profitable investments. Chautauqua County offers greater inducements than any other section of the State, because of the high specific gravity of its oil. Prospective investors will reap great benefits by writing to or calling upon

W. A. Barrington, - Sedan, Kansas

CLIMB OVER—
Can't Hurt It

All Stock
Proof

GRISWOLD SQUARE MESH FENCE



is built scientifically. We make our own wire and weave the fence in our own mills. Special attention given to the galvanizing, the heaviest and most enduring ever known on fence. Heavy steel wire throughout, stays 6 or 9 in. apart, spacing and distribution, like a brick wall, to give greatest strength. Adapts itself to hills or gullies. Handsome, strong, durable. Made in all heights and for all purposes. We ship promptly direct from factory. Free catalog and prices by return mail if you write

Dillon - Griswold Wire Co. 57 Wallace St. Sterling, Ill.

LOOK AT THAT LOOP

IT SAVES THE LOSS



Hundreds of head of stock are injured every year by the old barbarous rigid barb wire fence. The yielding barb makes a fence more effective without mutilating or injuring stock. Saves the loss, costs no more. The peculiar construction of the

Carroll Yielding Barbed Wire Fencing

gives it longer life than any other wire fencing. The barb being loose on the wire and not in contact with the other cables moisture is not retained at these points. Fence is not affected by rust, neither is it weakened by expansion or contraction. The objections to barb wire on account of injury to stock are entirely overcome in the Loose or Yielding Barb Wire Fencing. If we have no agent in your territory, we will quote "you" prices. Write at once.

Hart Grain Weigher Co., 105 Eaton St., Peoria, Ill.

BUSINESS FARMERS

are our best customers, because they are always ready and anxious to spend a dollar where the investment promises to return a profit. They make and save money, because they are wide awake—they see and take advantage of good business opportunities. Being versed in business methods, they save the dealer's profit on things they can buy direct from the manufacturer.

ADVANCE FENCE IS SOLD BY THE MAKER DIRECT TO YOU ON THIRTY DAYS' FREE TRIAL AT WHOLESALE PRICES, FREIGHT PREPAID.

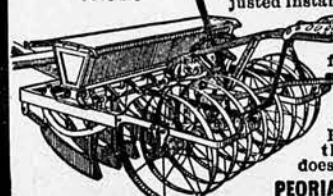
ADVANCE

We Guarantee Advance Fence to be made of the best quality of steel wire, carefully galvanized, woven on the most improved machinery by skilled workmen under careful supervision. We guarantee satisfaction. You are to be the judge. If you are not satisfied after 30 days' trial you may return the fence to us at our expense and your money will be refunded. This guarantee is backed by our entire reputation and by the reputation of this paper. A responsible publication like this would not publish this guarantee if we did not "make good."

We have the most complete line—24 styles and heights—to choose from, a fence for every requirement of the farmer. **OUR FREE FENCE BOOK** shows and describes them all. It contains much valuable information for fence users. Write today for book and wholesale prices to **ADVANCE FENCE CO., The Mail Order Fence Factory, 3756 Old St., Peoria, Ill.**

PEORIA PRESS DRILL

NOT IN THE
TRUST



Peoria Press Drills have been sowing wheat and making money for the farmers of Nebraska, Kansas, Iowa and Oklahoma for the past 20 years. They help to raise big crops because they plant the seed as it should be planted. They plant right because they are made right—always under perfect control of the operator; may be adjusted instantly to suit varying conditions. Will drill and broadcast Alfalfa and other grass seeds. Can be handled by a boy old enough to drive a team. The only press drill which has no neck weight. Perfect force feed. Press wheels follow discs perfectly. No land too hard or trashy for Peoria Press Drills. Made with runners or discs, in three styles—"Kaw Valley," "Glendale" and "Peoria." We also make the best high-wheel drill on the market. It will pay you to write for circulars describing the complete Peoria line of Drills and Seeders. They make friends in the field—the best for the farmer to buy. If your dealer does not handle them, write us direct for catalog and prices.

PEORIA DRILL AND SEEDER CO., 243 N. Perry St., Peoria, Ill.

port can not be safely relied on to determine general indications. On April 28, the local paper printed the following statement: "The canker-worms were hatching out in countless millions yesterday and to-day and that in the face of experts declaring they could find no eggs this season. They are from one-eighth to one-quarter of an inch long and half the thickness of a pin hanging to an invisible thread. Prompt spraying with arsenic poisons is necessary, to be done before the apple-blossoms open, as poisons or excessive wet prevents blossoms setting fruit."

Dissemination of the species is attributed to transportation of nursery stock on which the eggs may be carried. Its spread locally may be possibly accomplished by the males in flight carrying the females. Over fifty kinds of birds, much to their credit, are known to feed on canker-worms, and other natural enemies are numerous.

Cotton bands have become extensively used for protecting the elm-trees in town where grown for shading the streets and lawns, and their use would be equally effective in apple-orchards. The material evidently costs less, is easier put on the trees, and lasts longer than sticky substances. A band several inches wide is tied around the trunk of a tree with cord about the middle or a little above; the upper edge is then turned down over the cord and left hanging loose. When the female moths start to crawl up the tree, they meet this barrier and can not cross it, as their legs become entangled in the fibers unless the cotton should be matted or water-soaked. During rainy nights, the moths have been noticed to be more active and apparently numerous than when the weather is dry; probably the soaking of the ground enables them to escape readily from the pupal confinement, and moisture seems to be repelled from body and wings as with other moths. Yet after heavy rain driven by strong wind, the male moths have been found with their wings beaten against the wet bark from which they were unable to release themselves until dried. Thus when most needed, during or directly after rainfalls, cotton bands may be rendered ineffective for their purpose. Reasons are therefore clear why banding will not keep trees entirely free from a brood of worms, since the female either succeeds in crossing the band or is carried up to the branches by the male, hence deposits eggs from which the worms are hatched.

Bands should be left on trees until the leaves have been expanded for some time. Male moths have been captured late in May at electric lights, but the females probably die off sooner.

State Inspector of Nursery Stock.

Both national and international commerce have established strict regulations governing shipments of nursery stock and horticultural products. All such consignments before being admitted at port of entry must be accompanied by certificate of inspection made at place of production. Transportation companies no longer accept for shipment such goods consigned to States or countries where inspection laws exist unless accompanied by authorized certificate. Accordingly, to facilitate and make possible the ready exportation of all horticultural products of this State, Governor Hoch has commissioned Professor S. J. Hunter, head of the Department of Entomology of the University of Kansas, Inspector for the State.—University News Bulletin.

Street-Sweepings for Gardens.

EDITOR KANSAS FARMER:—Do you think street sweepings taken from a street lately paved with creosote block will decompose in a year's time so that they may be safely used on a garden? Would some lime help? I put some of the stuff on my lawn and it burned it all up. I have about fifteen loads of it in the alley and don't know whether to let it lay or have it hauled away. What do you think about it? I am not a farmer but allow me to say I find

Harvester Talks to Farmers—No. 4.

A New American Industry of Vital Importance to Every Farmer.—Binder Twine at Greatly Reduced Prices.



NEW market for the products of thousands of acres of American farm lands—development of a new American industry—a high grade binder twine at greatly reduced prices.

These are some of the results following the introduction of the International Harvester Company's new flax twine—an article which is undoubtedly destined to enter largely into the binding of grain.

It is an important move in many ways, for it not only makes possible a cheaper twine for the farmer's use, but, also, creates an entirely new market for one of the most important American farm products.

For many years the manufacturers of harvesting machines have been experimenting in an attempt to perfect a method by which American-grown flax can be utilized in the manufacture of binder twine and thus render both the manufacturer and farmer independent of manila and sisal fiber of foreign growth.

In their first experiment the attempt was made to use retted flax, but the process of retting the fiber was so slow and so expensive that but little was gained by the substitution of flax for sisal and manila, and finally the attempt was abandoned.

One of the brightest inventors in the country was put to work to solve the problem of how to utilize the flax in its natural state as harvested.

In the early part of 1904 this inventor succeeded in perfecting a process and in constructing the necessary machinery for the work.

This overcame all the mechanical obstacles, but the next difficulty was to get a sufficient quantity of flax suitable for twine manufacture.

Flax for this purpose must be sown much more thickly than flax sown for seed, in order to produce a higher and less bushy growth, getting a longer and better fiber. The ground, too, must be left as smooth and level as possible, so that the flax may be cut low down, with a short stubble, getting all of the straw and the longest possible fibers in the product harvested.

The flax is harvested, when fully matured, with a regular grain binder, and bound into bundles. In handling flax for twine purposes much care is taken to

keep the sheaves straight. The company buys the flax in the bundle, before it is threshed, paying for it a price based on the yield of seed, and saving the farmer the expense of threshing.

As soon as the process of manufacturing the twine was demonstrated to be a success, a corps of men were sent into the flax growing sections of the country and succeeded in securing a large quantity of flax of a good quality, the twine from which will be sold and used in the harvest of 1905. A few carloads were made in time for the harvest of 1904 and gave such uniform satisfaction that the manufacturers were encouraged to undertake operations on a much larger scale for 1905.

Men are now canvassing Minnesota, Michigan and other flax growing states, contracting with farmers to grow flax for twine production and the expectation is to secure sufficient flax in this way to place a large amount of twine on the market for the harvest of 1906.

In many instances the company is furnishing the flax growers with seed for planting, using the best seed grown in this country, or a high grade of Russian seed—all carefully cleaned and re-cleaned three or four times by hand.

Inasmuch as the company takes the entire production of the flax field before threshing, it is desirable that the twine mill be located as near the flax growing region as possible. At the present time all the twine is manufactured in Chicago, but it is the company's intention to establish branch mills in the leading flax growing sections of the country.

When the supply of flax fiber shall be sufficient to permit the making of the twine in large quantities, the price will be still lower as compared with the price of manila and sisal fiber twines; while the price which the company pays for the flax in the bundle makes it one of the most profitable crops the farmer can grow.

We need not point out the great importance of this new industry to the American farmer; a twine cheaper than the twine made from imported fibers has long been a crying necessity. The utilization of flax gives him an article, at a lower price, in every way the equal of many higher priced twines.

But beyond this is the fact that the utilization of thousands of acres of farm

lands for flax growing, at a profitable price, means a greater diversification of crops and less crowded markets for everything the farmer raises, and in this respect the new industry is of vital importance to every farmer in the country, even if he never raises an acre of grain or buys a pound of twine.

As the industry grows, we may confidently count upon a flax twine mill in every flax growing section, giving flax growers a market of easy access for their product.

This movement is in direct line with the well-defined policy of the International Harvester Company—to produce from the raw material the machines and appliances needed for the harvesting of grain, securing by this means material of the highest grade at the lowest cost of production—and now they are developing a new industry, producing an indispensable necessity at a lower cost to the farmer, and making the American farmer independent of a foreign grown article and giving him a new market for one of his staple crops.

The supply of flax twine for 1905 will not be nearly sufficient to meet the demand for it, but by next year it is hoped and confidently expected that every farmer who wants a purely American product can secure it without difficulty, and at a price which will save him much money.

In our former talks we called attention to the immense facilities of the International Harvester Company for manufacturing harvesting machines, and as harvest time is rapidly approaching, we wish to emphasize our statements that the Champion, Deering, McCormick, Milwaukee, Osborne and Plano machines have fully demonstrated their worth.

No other machines have gained the approval of so many farmers of the country as have these. No other machines have made so enviable a record.

And you know the reason why—These machines are all of good, honest value—that's why.

You know your wants for the on-coming season. If a harvesting machine is one of them, see the local dealer in your locality. Remember there is a separate dealer for each machine and each one will be glad to show you his own line.

See Harvester Talks Nos. 1, 2 and 3, in Previous Issues of this Paper

The International Harvester Company's Machines,

Champion, Deering, McCormick, Milwaukee, Osborne and Plano,

have been endorsed by nine farmers out of ten as being the most worthy of their patronage. A good enough reason in itself, isn't it, why you, also, should use this line of harvesting machines for saving your grains and grasses?

Different Dealers Represent Different Machines. See them for Catalogues.

Binders, Reapers, Headers, Header-Binders, Corn Binders, Corn Shockers, Corn Pickers, Huskers and Shredders, Mowers, Tedders, Hay Rakes, Sweep Rakes, Hay Stackers, Hay Balers, Knife Grinders, Gasoline Engines, Weber Wagons, Binder Twine.

some mighty interesting reading in your KANSAS FARMER just the same.

J. ELLORY EATON.

Lucas County, Ohio.

In my opinion it would not be safe to use street-sweepings strongly charged with creosote on land until they had been exposed to prolonged leaching by rain. The creosote would not undergo decomposition—it is a preservative against decomposition. I would not take chances in applying it in any quantity to a garden.

J. T. WILLARD.

Cultivate the Orchard.

EDITOR KANSAS FARMER:—Replying to inquiry about cultivation of orchard, will say: Thorough cultivation of an orchard is always to be advised. The only danger in plowing is that, if it is too deep or too close to the trees, the roots are apt to be injured and if the ground is not kept level the soil may wash badly. It is a good plan to disk the soil to a depth of three or four inches, keeping it well worked but level.

The objections to mulching an or-

chard with straw to keep down the weeds is that the roots will have a tendency to grow too near the surface. Thorough cultivation is more advisable than mulching.

The following is a list of good varieties of apples: Early Harvest, Cooper's Early, Maiden Blush, Grimes' Golden, Jonathan, York Imperial, Romanite, Winesap, Ben Davis, and Mammoth Black Twig. ALBERT DICKENS.

The man who does not hate evil terribly does not love good heartily.

The Stock Interest

THOROUGHbred STOCK SALES

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

April 19, 1905—Dickinson County Shorthorn Breeders' Combination sale at Hope, Kans. H. R. Little, Manager, Hope, Kans.

April 19, 1905—Closing out sale of Shorthorns, J. D. Stanley, Horton, Kans.

April 27, 1905—Combination Poland-China sale at Coffeyville, Kans. H. E. Bacheider, Manager, Fredonia, Kans.

April 28, 1905—Combination sale of Shorthorns and Herefords at Coffeyville, Kans. H. E. Bacheider, Manager, Fredonia, Kans.

May 24, 1905—Blue Ribbon Cattle Sale at Sioux City, Iowa. D. R. Mills, Des Moines, Iowa, Mgr.

May 4, 1905—Combination Sale of Roadster and Standard-bred horses; Union Horse Sale Co., E. E. Abell, Secretary, Wichita, Kans.

May 5, 1905—First annual Shorthorn sale by Shawnee Breeders' Association, Topeka, Kans. I. D. Graham, secretary.

May 16-19, 1905—Blue Ribbon Cattle Sale at Dexter Park, Chicago, Ill., D. R. Mills, Manager, Des Moines, Iowa.

June 6-9, 1905—Blue Ribbon Cattle Sale at Kansas City, Mo. D. R. Mills, Des Moines, Iowa, Manager.

American Royal Show.

At a meeting held at the Midland Hotel, Kansas City, last week, at which were present representatives of the American Hereford, Shorthorn, Aberdeen-Angus, and Galloway Breeders' Association and of the Kansas City Stock Yards Company, the incorporation of the American Royal Live Stock Show was completed by the adoption of by-laws and the election of officers for the ensuing year. The following officers were elected: President, Allen M. Thompson, Nashua, Mo.; vice-president, Eugene Rust, Kansas City; secretary and treasurer, Senator T. J. Wornall, Liberty, Mo.; general manager, C. R. Thomas, Kansas City; superintendent of publicity, Jno. M. Hazelton, Kansas City.

The directors of the show are nine in number, two representing each of the breeders' association and one representing the stock-yards company. They are as follows: Charles Guggell, Independence, Mo.; C. R. Thomas, Kansas City; T. J. Wornall, Liberty, Mo.; B. O. Cowan, Chicago; H. W. Elliott, Estill, Mo.; George Stevenson, Jr., Waterville, Kans.; Allen M. Thompson, Nashua, Mo.; C. N. Moody,

Atlanta, Mo.; and Eugene Rust, Kansas City.

Plans for enlarging the scope of the horse department were discussed, and it was stated that in all probability purses aggregating \$6,000 would be hung up for draft- and coach-horses. Assurances were given that the leading stables of the country would be represented. At the next meeting to be held May 18 perfected plans for this department will be announced, together with a committee of management for the horse department.

It was decided to abolish the arbitrary line heretofore recognized as the boundary between native and range-bred cattle in the car-lot division. At this year's show, which will be held October 9 to 14 inclusive, car-lots of feeding cattle will be shown in two general divisions, hay- and grain-fed being one division and grass- and hay-fed the other, regardless of the location. This action was taken because the corn-belt has been gradually pushed westward until it now overlaps the range country, and it is no longer possible to separate the corn-belt and the range country by a line drawn due north and south.

The Rice County Improved Stock Breeders' Sale.

On Thursday, March 30, at Lyons, Rice County, Kansas, was held the first annual combination sale made by the Rice County Improved Stock Breeders' Association. This sale was of importance in two ways. First, because it is the beginning of a series of efforts in this direction by a newly organized association, and second, because it marks the era of pure-bred live stock in a region formerly named the "Great American Desert," the "Short-grass country" and the "wheat belt" successively. It is doubtful if any new organization ever contended against so many adverse circumstances as did this one in holding its first sale. The members in charge were inexperienced; their decision to hold a sale was so late that time for preparation was not given; the consignments to the sale included too many breeds and too great a number of animals for one day, and, to cap the climax, the sale was held in the open during the severest windstorm of the year with no seats or shelter provided for the buyers.

In spite of these adverse conditions, however, the sale may be considered a success. Colonel Lafe Burger, of Wellington, was in charge and the adverse

conditions seemed only to nerve him to greater efforts. After working like a Trojan the entire day he had the satisfaction of retiring from the sale-ring with the knowledge that his work had been well done.

While the prices realized at this sale were not high, it must be remembered that very many of the animals were too young to be placed in the sale-ring and that it is almost impossible to sell for their value animals which are consigned for a mixed sale of this kind. In the sale were consignments of three breeds of hogs, four breeds of cattle, and several breeds of horses, and during the sale other parties who had no interest in it, but who had animals for sale, attempted to attract buyers away.

The forenoon was devoted to the selling of hogs, of which the largest consignment was Poland-Chinas. After the sale of the three breeds of hogs, the auctioneers offered the cattle, in which the Shorthorns predominated. This sale was followed by the offering of Percherons and other draft-horses, and then by the teams and roadster classes.

The Kansas Farmer desires to commend most heartily the efforts that have been put forth by these breeders, and to say that it is our belief that the sale they have held has resulted in excellent missionary work which will pay them in dollars and cents in the future, although the returns from this sale were not so good as hoped for. They will remember our State motto and continue in business.

The receipts from the sale amounted to \$5,503.60, of which \$431 was for hogs; \$1,194.60 for cattle; and \$3,875 for horses.

High-Priced Shorthorns.

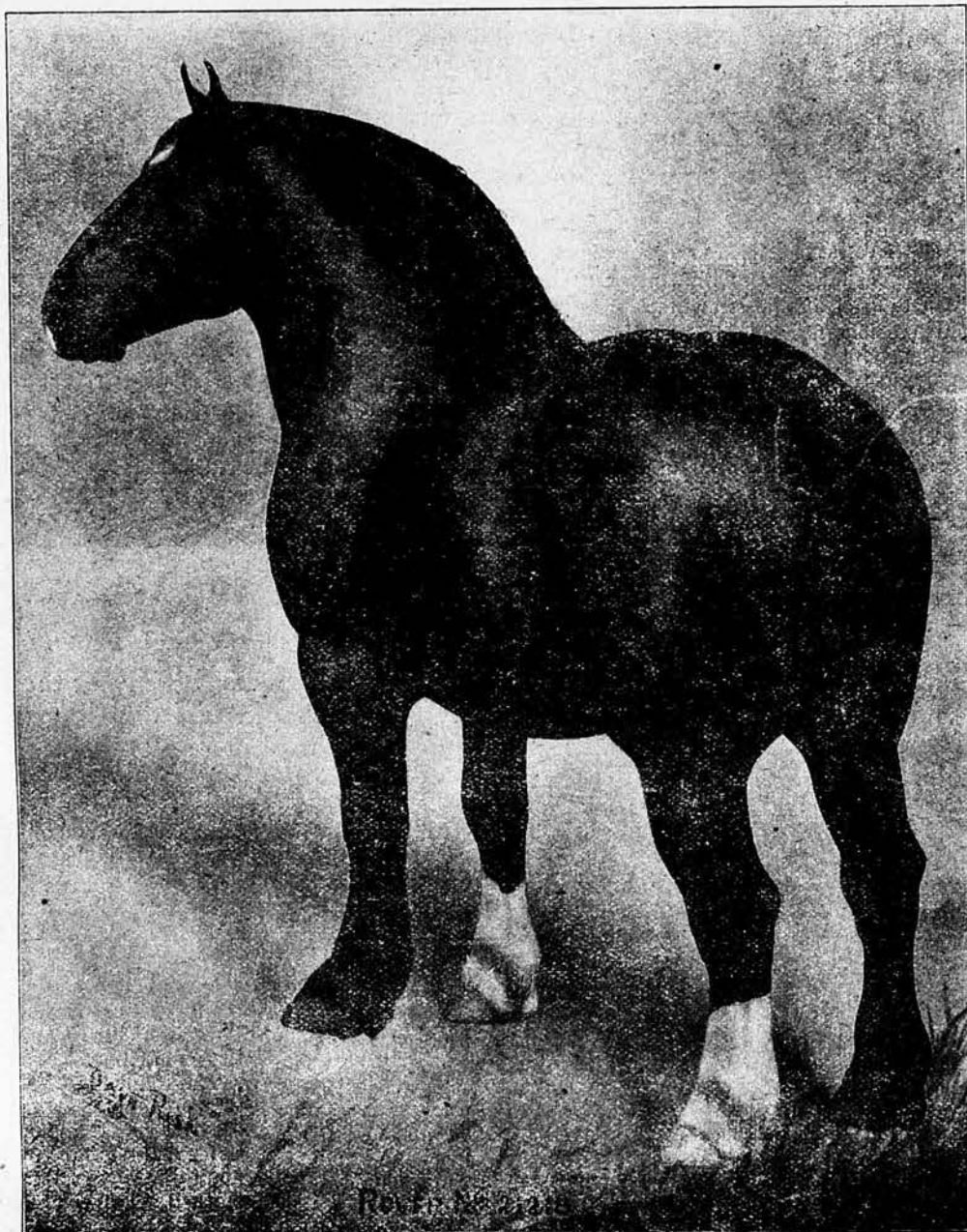
One of the most important deals in Shorthorn matters that has taken place in Missouri this spring was consummated last week when Harriman Bros., of Pilot Grove, Mo., bought from the celebrated Tebo Lawn Herd at Clinton, Mo., four splendid Scotch cows at prices ranging from \$400 to \$700 each.

It is a well-known fact among breeders that these gentlemen started out two years ago to get together a select herd of Scotch cattle that would be the equal of any herd in the country and this is not the first time, by any means, that they have been known to pay long prices for females that were good enough to come up to their high standard.


It will be remembered that they bought ten head of cows last year from Capt. C. E. Leonard, bred to the champion bull, Lavender Viscount, and they have for several years been breeding a number of their best Scotch cows to him so that the foundation of the Mt. Vernon Park herd has a strong infusion of Ravenswood blood.

It will also be remembered that they paid \$850 last fall for two Scotch cows from the Harned herd. One of these cows is Imp. Lady Star, said to be one of the very best Shorthorn cows to be found anywhere. She has a magnificent heifer calf by Mr. Harned's good Victoria bull, Modern Marshall, and is bred again to Lavender Viscount.

The Casey cows, just bought, are a grand lot of young cows, all reds, and all



Percheron stallion sired by Turc 5639 (10032). Bred and owned by M. M. Coad, Fremont, Neb., and the sire of 50 young stallions now for sale by him.



Sick Pigs

Overfeeding retards growth and is productive of many stomach ailments in the young stock, such as fever, internal inflammation, indigestion, flatulence and scours.

DR. HESS STOCK FOOD


given regularly with the ordinary food prevents all disorders of the stomach, promotes digestion, assimilation and good health. It is not a condimental food, but a scientific stock tonic and laxative, the famous prescription of Dr. Hess (M.D., D.V.S.), which promotes appetite and aids digestion, thus decreasing the time and cost of fattening, besides keeping the animal in a perfectly healthy condition.

5¢ per lb in 100 lb sacks, 25 lb pail \$1.60
Smaller quantities a little higher. Small dose.

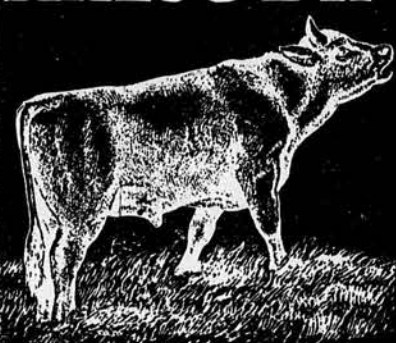
Sold on a Written Guarantee

DR. HESS & CLARK, Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Pan-a-c-e-u and Instant Louse Killer.



KRESO DIP



KILLS TICKS AND LICE

ON ALL LIVE STOCK, SHEEP, SWINE, CATTLE, HORSES, ETC.

PREVENTS AND CURES PARASITIC AND SKIN DISEASES.

Kreso Dip kills disease-germs, ticks, lice, mites and fleas; cleanses the skin, glosses the hair, heals scratches and wounds; cures scab, mange and ringworm, and acts as a fly-repellant. It is scientifically prepared in our own laboratories, never varies in strength, and is therefore reliable.

Easily prepared for dipping or hand-dressing—simply mix with warm, soft water.

\$1.25 PER GALLON, AT YOUR DRUGGISTS.

Special quotations in quantities.

Write for descriptive pamphlet—it's free.

PARKE, DAVIS & CO.

HOME OFFICES AND LABORATORIES: DETROIT, MICH.

BRANCHES: New York, Chicago, St. Louis, Boston, Baltimore, New Orleans, Kansas City, Indianapolis, Minneapolis, Memphis.

PINK EYE CURE FOR HORSES AND CATTLE

Sure relief for Pink Eye, foreign irritating substances, clears the eyes of Horses and Cattle when quite milky. Sent prepaid for the price, \$1.

Address orders to **W. O. THURSTON, Elmdale, Kansas.**

R. F. D.

MODERN MAIL CONVEYOR

We will send you full directions how to build an up-to-date Mail Conveyor yourself at a small cost; saves you that trip to the road every day. A sample of our wire holder, cuts and instructions complete for 10c.

MODERN MAIL CONVEYOR CO., Neville Bldg., Omaha, Neb.

pure Scotch. One is a Violet by Prince of Tebo Lawn, out of May Violet 2d by Velvet Prince. Another is a Lavender by Imp. Blythe Victor, out of Sweet Lavender by Imp. Cortez. The third is a Secret by Imp. Conqueror, out of Imp. Sylvia, and the last is a Nonpareil by Imp. Collynie, out of Nonpareil of Meadow Lawn by Baron Victoria. This cow has a splendid red bull calf by Choice Goods and is in calf again to him. The others are also in calf to Choice Goods.

These good cows will make a splendid acquisition to the Mt. Vernon Park herd, as well as to the already famous Cooper County Shorthorns. Our good friends, the Harriman Bros., are to be congratulated.

Col. R. L. Harriman, the auctioneer, is a full partner in this firm. He is known to be one of the very best judges of Shorthorns in all the country. It is said of him, that at the cattle-shows at St. Louis and Kansas City last fall, he went through the different classes and picked out the winners in almost every class before the judges got to them. The very fact that he is doing the buying for the Mt. Vernon Park herd, is a sufficient guarantee that every animal that goes into the herd will be a rare specimen of the breed.

McGavock's Annual Spring Show and Sale at Kansas City.

This being the first sale of the year, the attendance of breeders was naturally much larger than has been seen at any sale since the fine stock show last year. A valuable addition to the sale was the premiums offered for the animals in the sale. The first prize in class amounted to \$15, and \$50 was offered in both bulls and females. The sale was ably conducted by the following well-known auctioneers: R. E. Edmunson, Kansas City; R. L. Harriman, Bunceton, Mo.; James W. Sparks, Marshall, Mo.; Geo. P. Bellows, Maryville, Mo. There was a good crowd of buyers present and the general prevailing good prices was indicative of a betterment in the thoroughbred stock business. Taken altogether the sale was a good one, and Mr. McGavock is to be congratulated on its success. The four auctioneers who made this sale are sure to bring success.

SHORTHORNS.

The following breeders had consignments in the sale: D. T. Bronaugh & Sons, Nashua, Mo.; Daniel Donohue, Appleton City, Mo.; F. M. Gifford, Wakefield, Kans.; Johnson & Gates, LaPlata, Mo.; H. O. Linhardt, Lohman, Mo.; Sam J. Maddox, Bucklin, Mo.; C. H. McAllister, Carmen, Okla.; McClean Bros., Warrensburg, Mo.

Of the twenty-eight head sold, ten bulls brought \$1,145, making an average of \$114.50. Eighteen females brought \$1,785, making an average of \$99.17. The twenty-eight head brought \$2,930, making a general average of \$104.50.

John Harvey, of Maryville, Mo., paid the top price for Baron's Gloster \$235. F. H. Bass, Augusta, Okla., paid the top for Golden Girl, \$190. The other buyers were: C. D. Banner, Weston, Mo.; Tebo Land & Cattle Co., Clinton, Mo.; A. W. Tillman, Nashua, Mo.; C. S. Nevius, Chiles, Kans.; J. T. White, Ada, Kans.; H. E. Batchelder, Fredonia, Kans.; J. L. Work, Carmen, Okla.; Wm. Hemm, Kansas City, Mo.; W. B. Waddell, Lexington, Mo.; Redmond & Hurst, Tipton, Mo.; W. P. Harned, Vermont, Mo.; A. G. Miller, Ada, Kans.

ABERDEEN-ANGUS.

The Aberdeen-Angus sale was most ably conducted under the management of W. C. McGavock, Springfield, Ill., a man who probably knows as much about the business as any one man in the country.

There was really only one fault to find with the sale and that was that there were too many animals in the offering, but even taking this into consideration, the averages realized were really more than might have been expected. The attendance was probably larger than at the Shorthorn sale of the previous day. The sale was conducted by the same well-known auctioneers who had charge of the Shorthorn sale the day previous. The entire consignment of C. H. Gardner, the veteran breeder and showman of Blandinsville, Ill., were sold at good prices to Geo. D. Elliott, Midland, Tex., who also bought a goodly number of the rest of the offering. The consignors included: E. E. Axline, Oak Grove, Mo.; L. S. Crookshanks, Brownings, Mo.; Elm Park Cattle Co., Harris, Mo.; C. H. Gardner, Blandinsville, Ill.; Berry Lucas, Hamilton, Mo.; J. H. Rea & Son, Carrollton, Mo.; Marion C. Stone, Milan, Mo.; W. J. Turpin, Carrollton, Mo.; R. S. Williams, Liberty, Mo.; J. B. Withers, Missouri City, Mo. The top price for the bulls was \$325, paid for Philo 4611, by J. F. Frank, Worth, Mo., while the top price for cows was \$335, paid by Geo. D. Elliott, Midland, Tex., for Washington Rose 68396. Among the other buyers were: Ben Huber, Belton, Mo.; R. H. Goodbar, Galatin, Mo.; Berry Lucas, Hamilton, Mo.; Geo. W. Switzer, Harrisonville, Mo.; J. O. Van Audsde, Bucklin, Mo.; J. M. Jones, Everton, Mo.; T. R. Sanders, Memphis, Mo.; Geo. Kitchen, Jr., Gower, Mo.; C. E. Sutton, Russell, Kans.; R. L. Turpin, Carrollton, Mo.; D. R. Turpin, Carrollton, Mo.; Wm. Henn, Kansas City; J. B. Hutchinson, Kansas City; C. W. Wells, Braymer, Mo.; T. A. Parker, Kansas City; H. C. Brantley, Princeton, Mo.; J. W. Crookshanks, Brownings, Mo.; C. H. Butler, Frankfort, Kans.; L. E. Chase, Hiawatha, Kans.; J. B. Frazier, Kansas City; R. H. Clay & Sons, Pleasant Hill, Mo.; Geo. Calloway, Lexington, Mo.

The Coffeyville Combination Sale.

On April 27 and 28, at Coffeyville, Kans., there will be held a great combination sale of pure-bred cattle and hogs under the management of H. E. Batchelder, of Fredonia, Kans. The Shorthorn cattle will be consigned by the following well-known breeders: H. M. Hill, Lafontaine; Deming Ranch, Oswego; S. E. Myers, Chanute; A. A. Clark, W. W. Dunham, and H. E. Batchelder, of Fredonia. The Hereford cattle will be consigned by Samuel Drybread, Elk City; Fred Perkins and Deming Ranch, Oswego. The Poland-Chinas will be sold by A. G. Lamb, Eldorado; E. E. Walt, Altoona; A. J. McDowell, Elk City; H. M. Hill, Lafontaine; and Deming Ranch, Oswego.

The Best Breeders In America Use And Endorse Zenoleum.

If there is any one man who needs and must have a reliable remedy for warding off animal disease and preventing its ravages and spread, it is the breeder of pure-blood live stock. He cannot afford to send out a scabby, mangy, lousy or otherwise diseased animal. Many breeders try about everything they have ever heard of, but when they reach ZENOLEUM they stop. They have found what they sought. Our books show repeated orders from the largest and most famous breeders of cattle, horses, swine, sheep, goats and poultry in the United States and Canada. Indeed, not one of these first class breeders will think of attending a show with animals from his herd or his flock without carrying a supply of ZENOLEUM with him. This faith is born of results. You are just as certain to become its firm convert if you try ZENOLEUM. There is not any domestic animal that will not be improved in condition by its use. ZENOLEUM will keep all live stock quarters sweet and clean and free from disease germs, if used as directed. FORTY AGRICULTURAL COLLEGES USE AND ENDORSE ZENOLEUM.

Wonderful Zenoleum "Coal Tar Disinfectant and Dip" The Great Promoter of Animal Health.

One gallon of ZENOLEUM will be sent you, express prepaid for \$1.50 and it will make 100 gallons of reliable disinfectant solution. Try it for the animal troubles and ailments that are worrying your stock: use it as a disinfectant, germicide and insecticide; for lice, mange, scurvy, ringworm, canker, scab; for removal of stomach and intestinal worms; to cure calf cholera, abortion of cattle, chicken cholera, scab in sheep, cattle mange or itch, etc. We are satisfied that if we can induce you to make the trial you will become more than enthusiastic about Zenoleum. In addition to every representation made above, Zenoleum is guaranteed to be non-poisonous—absolutely harmless for internal or external use. Neither injures skin, discolors wool or roughens the hair.

We ask you to take no chances. Read the Zenoleum guarantee. "If Zenoleum is not all we say it is—or even what you think it ought to be—you get your money back. No argument. Just Money."

Most all druggists handle Zenoleum—if yours won't supply you, we will. The prices of Zenoleum are: One gallon, \$1.50, express paid; two gallons, \$3.00, express paid; three gallons, \$4.50, express paid; and five gallons, \$6.25, freight paid. Send to us for booklets, "Veterinary Adviser," "Chicken Chat" and "Piggie's Troubles." Free.

ZENNER DISINFECTANT CO., 61 Bates Street, Detroit, Michigan.

The cattle consignment will consist of an extra fine lot of young bulls, cows and heifers, selected from some of the good herds of the State. The hogs consigned are boars of serviceable age, brood sows, bred and open gilts. The hogs will be sold on April 27, and will include some Duroc-Jerseys as well. The cattle will be sold on April 28. Coffeyville is on the Santa Fe, Missouri Pacific, and M. K. & T. Railroads. Catalogues may be had of H. E. Batchelder, Fredonia.

The French Coach Horse.

During the Middle Ages, when success in battle depended chiefly upon the prowess of mounted knights, protected by heavy and cumbersome armor, the strength of the horse which carried him was of more importance and more highly appreciated than perhaps at any other period in history. So important did the chivalry of France consider their horses that they induced the Government to take an interest in their breeding and development such as has never been taken by any other country. The result has been that the French Coach breed, instead of being the result of haphazard methods, has been developed under the exclusive guidance of the Director General of the National studs. This office is filled by men educated in the same school from generation to generation, who are taught to value the same form, seek for the same qualities, and pursue the same system with the object of obtaining a high degree of perfection and great uniformity. All breeding horses of this breed are specially inspected and licensed by this department of the Government with the results that the type is now fixed to such a degree that the French Coach horse is the most prepotent and impressive of any that has been introduced into this country. They transmit their valuable qualities to their progeny with a surety and definiteness that can not be excelled. On the first page of this issue will be found the picture of a typical French Coach horse which shows the perfection of form attained by this long and thorough system of breeding. The horse is now in the barn of McLaughlin Bros., the owners, at Kansas City, Mo., where he can be seen by visitors at any time. A good horse will do an untold amount of good in any community where he may be located.

The Coad Horses.

Mark M. Coad, Fremont, Neb., the well-known pioneer draft-horse man of Nebraska, has for sale 50 head of Percheron and French Coach stallions and mares from the well-known stud maintained by him at Maple Grove Farm. They annually take a large share of the premiums at the Nebraska State Fair, and were selected to represent this State at the World's Fair where they carried off a big per cent of the ribbons. The stock for sale ranges from yearlings to 4-year-olds in stallions and mares.

We know of no better place in the West to get good young American-bred stallions or mares on more favorable terms than at Maple Grove Farm, as Mr. Coad wishes to retire from business and will sell cheap. Now is the time to get in the draft-horse business for the demand for good farm-horses was never better. Mr. Coad has made good money at the business. It is something more than a year ago that he made a public sale and disposed of a large majority of his stock; but he is now stocked up again from the younger stock retained by him on the farm and some others that were not in condition at the time of the sale. Mr. Coad's early importation was one of the best ever brought to this country as his many sales and show record proves and the stock he now wishes to dispose of is descended from the original importation made nearly a quarter of a century ago. See advertisement and please mention the Kansas Farmer when writing.

Duroc-Jerseys for Sale.

Note the change in the breeder's column of the advertisement of full-blooded Duroc red swine of Chas. Dorr, of Osage City, Kans. He is offering 75 spring pigs ready to wean cheaper than you can get them in Kansas or anywhere else. Without a doubt he has shipped pigs to more States this winter than any breeder of any breed of hogs in Kansas and wherever he shipped his customers were well pleased, for which he thanks all who bought hogs of him, and says he will try and please them better this year in what he is offering for sale. Now is the

PREVENTS BLACKLEG

Vaccination with BLACKLEGIDS is the best preventive of Blackleg—simplest, safest, surest. Each BLACKLEGID (or pill) is a dose, and you can vaccinate in one minute with our Blacklegid Injector.

Every lot tested on animals, before being marketed, to insure its purity and activity.

For sale by druggists. Lit.ature free—write for it.

PARKE, DAVIS & CO.

HOME OFFICES AND LABORATORIES: Detroit, Mich.
BRANCHES: New York, Chicago, St. Louis, Boston, Baltimore, New Orleans, Kansas City, Indianapolis, Minneapolis, Memphis.



\$21.00 PRICE EXPLAINED
FOR \$21.00 TO \$23.00 also ROAD WAGONS at \$14.00 to \$17.00, SURREYS at \$34.00 to \$38.00.
TOP BUGGIES, similar to one illustrated, HAVE BEEN WIDELY ADVERTISED.
HOW BUGGIES can be offered at these prices and why we can sell buggies and all other vehicles at much lower prices than any other house is all fully explained in our **FOUR FREE VEHICLE CATALOGUES**. Cut this ad. out and send to us and you will receive by return mail, **Free**, Post-paid, **FOUR BIG VEHICLE CATALOGUES** showing the most complete line of everything in Buggies, Road Wagons, Carts, Surreys, Phaetons, Carriages, Light and Heavy Wagons, Vehicles of all kinds, also everything in Harness, Saddles and Saddlery, all shown in large handsome half-tone illustrations, full descriptions and all priced at prices much lower than any other house can possibly make. **WITH THE FOUR FREE CATALOGUES** you will receive the most astonishing **Buggy Offer** ever heard of, a new and astonishing proposition. How others can offer top buggies at \$21.00 to \$23.00 and why we can sell at much lower prices than all others will be fully explained. We will explain why we ship so as to make freight charges amount to next to nothing. We will explain why we are the only makers or dealers in the world that can ship buggies the day we receive your order. Our **Free Trial Offer**, Our **Pay After Received Terms**, Our **Binding Guarantee** are all explained when we send you the **FOUR FREE CATALOGUES**. If you have, don't fail to cut this ad. out today and mail to us. **HAVE YOU ANY USE FOR A BUGGY?** If you can't use a Top Buggy at any price, call your neighbor's attention to this announcement. Don't buy any kind of a buggy until after you cut this ad. out and send to us and get the **Four Big Free Catalogues**, the most liberal offer, the very latest proposition, everything explained, all free for the asking. Write today.

SEARS, ROEBUCK & CO., CHICAGO, ILLINOIS

time to write for prices because the express won't be very much on pigs and also you can feed them to suit yourself, and when fall comes you don't have to take what is left as it sometimes is. He has pigs with nice head and ears, well-built, good color, dark red, out of Honesty, a 700-pound boar in thin flesh but an extra good one. Some are out of Ohio Chief Jr., the breeding of which is so well known to every breeder; some are out of Royal Rob, he out of Chief Perfection and out of Van's Perfection and the sows these pigs are out of are equally as well bred as the herd-boars. He always gets what is good. Write to Mr. Dorr and also write to some other breeders and compare letters and send for the pigs that suit you best. I am in the business to stay and don't hold a closing-out sale every year, and then start over new, as some breeders do. I will please everybody that buys of me. Write to-day and get something good and cheap. Write to Chas. Dorr, Route 6, Osage City, Kans., and mention Kansas Farmer.

E. D. King's Meadow Brook Herd.

It was my privilege, a few weeks ago, to visit the "Meadow Brook" Herd of pure-bred Berkshire swine, belonging to Mr. E. D. King, of Burlington, Kans. The herd is one of the few standard herds of the State, and Mr. King may well be proud of the reputation his stock has made for him as a breeder. There are numerous so-called breeders of pure-bred Berkshires in the State, but in the majority of cases, they breed, seemingly, with the idea that all that is essential for a good herd is that the individuals composing it shall have some sort of a pedigree, and be registered as pure-bred. Mr. King's idea is entirely different from this. He prefers, he says, to pay \$500 for an animal worth that money than to pay \$100 or \$200 for an animal richly worth that amount; and the quality of his stock proves that he has bred with this idea in view. He takes great pains in the selection and mating of his breeding stuff, and has introduced into his herd some of the best blood obtainable, not only in Kansas, but from the best herds of other States and Canada as well.

While Mr. King pays careful attention to pedigree, his herd does not consist of pedigrees only, but contains some individuals that are exceptionally fine, while

(Continued on page 428.)

Don't Stop

to make rope fast. Use **BURR SELF-LOCKING TACKLE BLOCK**

For hoisting purposes; stretching wire, etc. Ask dealers. Write for prices. Agents wanted.

THE BURR MFG. COMPANY
Cleveland, Ohio



THE FARMERS on the FREE HOMESTEAD LANDS of WESTERN CANADA

carry the banner or yields of wheat and other grains for 1904. This is the era of \$1.00 wheat.

70,000 FARMERS receive \$50,000,000 as a result of their Wheat Crop alone, or an average of \$500 for each farmer. The returns from Oats, Barley and other grains, as well as cattle and horses, add considerably to this. Secure a

Free Homestead

at once, or purchase from some reliable dealer while lands are selling at present low prices.

Apply for information to Superintendent of Immigration, Ottawa, Can., or to Authorized Can. Gov. Agent:

J. S. CRAWFORD,
125 W. Ninth Street, Kansas City, Mo.
Mention this paper.

The Young Folks

CONDUCTED BY RUTH COWGILL.

A Sweet Young Face.

Along the noisy city ways
And in this rattling city car,
On this the dreariest of days,
Perplexed with business fret and jar.

When suddenly a young sweet face
Looked on my petulance and pain
And lent it something of its grace
And charmed it into peace again.

The day was just as bleak without,
My neighbors just as cold within,
And truth was just as full as doubt,
The world was just as full of sin.

But in the light of that young smile
The world grew pure, the heart grew warm,
And sunshine gleamed a little while
Across the darkness of the storm.

I did not care to seek her name,
I only said, "God bless thy life,
Thy sweet young face be still the same,
Or happy maid or happy wife."

Phillips Brooks.

In Puritan New England.

In connection with the poem celebrating the New England of some fifty years ago, published in the KANSAS FARMER of April 13, the following concerning the same place a century later, is very interesting. It is from an article by Edward Eggleston, in the Bay View Magazine.

The first printing press on the American continent began its work in 1639 in Cambridge; the first newspaper was issued in Boston after the overthrow of Andros in 1690; and almanacs, the forerunners of the modern magazine, were published from the outset. Medicine and the physical sciences received no special encouragement at first, though Winthrop, of Connecticut, was a fellow the Royal Society. Poetry was attempted by the clergy, though with indifferent success; but history and philosophy as well as politics were dealt with in a way that challenges admiration. It is enough to mention the works of Samuel Willard, of Increase and Cotton Mather, of Jeremiah Dummer and Jonathan Mayhew. But far above all these towers the name of Jonathan Edwards, the greatest thinker that America has ever produced.

The farmers, who made up the great body of the population, continued, as they had done in England, to raise the articles necessary for their own immediate support. They raised wheat, rye, and Indian corn, garden vegetables, cows, pigs, and poultry; and this kind of agriculture was not favorable to the employment of slave labor or to the production of very large crops. The soil and climate of New England, indeed, did not admit of any other kind of agriculture than this. Moreover, the Puritan theory of life made it absolutely necessary that the people should meet together every Sunday for religious worship; and this necessity cooperated in keeping them from getting very widely scattered. Accordingly one of the most prominent features of New England life from the very outset had been its concentration. In New England the cultivated spot in the midst of the wilderness was a village, with its church, town-house, schoolhouse, inn, blacksmith shop, and variety store in the center, surrounded by from fifty to a hundred neat and comfortable farm-houses, each one the dwelling of an independent landed proprietor. It is obvious at once that this compactness of life must have been highly favorable both to the education of the people and to their general social and political progress. All New England, so far as it was then settled at all, was dotted over with these little towns, sometimes perched on bleak hilltops with the outline of the white church spire gleaming against the sky, sometimes cozily nestled in beautiful valleys. When a village was felt to have become too populous, a portion of the inhabitants—perhaps twenty or thirty families—would move away in a body, and lay out and build another village, with a new meetinghouse and a new schoolhouse. From this method of settling the country followed the necessity of making good roads. In

Massachusetts and Connecticut the roads were more numerous and in better condition than in any of the other colonies, though until after the middle of the eighteenth century there were few wheeled vehicles drawn by horses, except in the neighborhood of the large towns. In the interior of the country there were the ox cart for summer and the ox sled for winter, while men, women, and children all rode about on horseback.

As the New England villages increased in population, they did not wholly throw off their rural character, but developed into pleasant towns, with wide and shady streets running between handsome villa-houses with flower gardens or well-kept lawns. Such cities as New Haven and Portland, both famous for their beauty, have succeeded in preserving something of this appearance to the present day. These houses were usually built of wood, but with timbers so stout and hard as to endure almost like stone. In the coast towns of Massachusetts especially they were often very spacious and elegant, with broad staircases and twisted oak balusters, with carved chimney-pieces, on which was wrought the coat of arms of the family, and with the principal rooms wainscoted in panels and hung with tapestry. There were no cottages of one or two rooms such as are found in English villages; the poorer houses had four or five rooms on the ground floor, with an attic overhead; the better houses had a second story with chambers. The style of dress was rude, and the manner of living was plain and frugal. Dishes were of wood or pewter, though most families possessed a service of china and a few pieces of silver plate, which were treasured as heirlooms, and only used on occasion of a wedding or a funeral. But in the coast towns, and especially in Boston, the dress and the general style of living were the same as among country gentlemen or prosperous merchants in England.

In this New England society the children of rich and poor alike were brought up to work and support themselves, and no sort of stigma was attached to useful labor of any kind. But distinctions of birth were clearly recognized, and with absolute political equality there was an aristocracy of personal consideration, the traces of which have not even yet been obliterated. The possession of land carried with it no title to distinction or power in a community where every one was a landed proprietor. Yet good birth, high intellectual power, or distinguished services to the State formed the basis of an aristocracy which was not the less influential and respected because it was not labeled with grand titles. Every village had its "squire," who was very likely to serve year after year in some local magistracy, and to serve with honor. Only men and women of aristocratic birth were addressed as "Mr." and "Mrs." For other people, including the majority of the farmers and tradesmen, the style of address was simply the Christian name, or else "Goodwife Smith," or "Neighbor Brown." Seats were graded according to rank in the churches, and the same distinctions were preserved in the catalogues of students at Yale and Harvard until just before the Revolution, when the alphabetical arrangement was first adopted.

The Boy Who Learned Not to Meddle.

"The boy was a slave to the fear of doing anything the wrong way," said a workshop teacher in one of the city schools. "He showed that in so many ways that I classed him among the people who, in their childhood, want mamma to take them to school, the people who hesitate to think for themselves, because they know the thinking will be done for them."

"His dependence upon specific directions was a serious handicap to him in the workshop, and his helplessness when any work prevented me from answering his questions prompted me to plan a cure for this defect in his character. I tried to shame him into self help, but he preferred my jibes to becoming his own master."

PAINFUL PERIODS

Suggestions How to Find Relief from Such Suffering.



Miss Nellie Holmes

Mrs. Tillie Hart

While no woman is entirely free from periodical suffering, it does not seem to be the plan of nature that women should suffer so severely. Menstruation is a severe strain on a woman's vitality. If it is painful or irregular something is wrong which should be set right or it will lead to a serious derangement of the whole female organism.

More than fifty thousand women have testified in grateful letters to Mrs. Pinkham that Lydia E. Pinkham's Vegetable Compound overcomes painful and irregular menstruation.

It provides a safe and sure way of escape from distressing and dangerous weaknesses and diseases.

The two following letters tell so convincingly what Lydia E. Pinkham's Vegetable Compound will do for women, they cannot fail to bring hope to thousands of sufferers.

Miss Nellie Holmes of 540 N. Davidson Street, Buffalo, N. Y., writes:

Dear Mrs. Pinkham:

"Your medicine is indeed an ideal medicine for women. I suffered misery for years with painful periods, headaches, and bearing-down pains. I consulted two different physicians but failed to get any relief. A friend from the East advised me to try Lydia E. Pinkham's Vegetable Compound. I did so, and no longer suffer as I did before. My periods are natural; every ache and pain is gone, and my general health is much improved. I advise all women who suffer to take Lydia E. Pinkham's Vegetable Compound."

Mrs. Tillie Hart, of Larimore, N. D., writes:

Dear Mrs. Pinkham:

"I might have been spared many months of suffering and pain had I only known of the efficacy of Lydia E. Pinkham's

Ask Mrs. Pinkham's Advice—A Woman Best Understands a Woman's Ills.

Vegetable Compound sooner; for I have tried so many remedies without help.

"I dreaded the approach of my menstrual period every month, as it meant so much pain and suffering for me, but after I had used the Compound two months I became regular and natural and am now perfectly well and free from pain at my monthly periods. I am very grateful for what Lydia E. Pinkham's Vegetable Compound has done for me."

Such testimony should be accepted by all women as convincing evidence that Lydia E. Pinkham's Vegetable Compound stands without a peer as a remedy for all the distressing ills of women.

The success of Lydia E. Pinkham's Vegetable Compound rests upon the well-earned gratitude of American women.

When women are troubled with irregular, suppressed or painful menstruation, leucorrhoea, displacement or ulceration of the womb, that bearing-down feeling, inflammation of the ovaries, backache, bloating, (or flatulency), general debility, indigestion and nervous prostration, or are beset with such symptoms as dizziness, faintness, lassitude, excitability, irritability, nervousness, sleeplessness, melancholy, they should remember there is one tried and true remedy, Lydia E. Pinkham's Vegetable Compound at once removes such troubles. Refuse to buy any other medicine, for you need the best.

Don't hesitate to write to Mrs. Pinkham if there is anything about your sickness you do not understand. She will treat you with kindness and her advice is free. No woman ever regretted writing her and she has helped thousands. Address Lynn, Mass.

"One day, after he had put my patience to a particularly severe test, I called him to my office and asked him why he was so loath to develop his own judgment.

"Well," said he, "it is this way. When I was much younger than now no one could tell me anything. I was eternally finding out for myself.

"My father owned a stone quarry, and I had often followed him to see the men drill and blast the blocks of stone. The whole thing was a deep mystery to me.

"One day at noon, while the men were eating lunch, I took it upon myself to solve the mystery. Unseen, I went to one of the holes, pulled out what the men had put in, and began to test it with my little hammer.

"When I woke a few days later I found myself in my bed, much bandaged and in charge of a nurse. I now prefer too much caution, in experimental work, to extreme curiosity."—N. Y. Sun.

How to Find a Person's Age.

Tell a friend that you can reveal to him his age through a system of simple computation with figures; not only his age, but the month of his birth. If he doubts you or is willing to have the fact demonstrated, have him take pencil and paper and do as you tell him, being careful not to see his figures.

When he is ready have him put down the number of the month of his

birth. Multiply that by 2. To the product add 5. Multiply this sum by 50. Add his age to this product. To the sum add 115. Then subtract 365 from the result.

Here you ask him what is his answer. When he has given it to you you have the key to his age.

For example: Supposing he is 48 years of age and was born in April. April is the fourth month; 4 times 2 equals 8; 8 plus 5 equals 13; 13 times 50 equals 650; 650 plus 48 (his age) equals 698; plus 115 equals 813 minus 365 equals 448 or 4-48. Then announce that he was born in April, 1854.

This never fails if correctly performed.

It is a curious thing which every one does not know that you can not destroy the integrity of the figure 9 by multiplication.

To make plain: 9 times 9 equals 81. Add 8 and 1 (the product) and you have 9. Take any other number, say 123. 123 times 9 equals 1107. Add the figures of the product again and they equal 9. Again, 9 times 33 equals 297, which added gives us two 9s by adding 7 and 2, or the three figures added equals 18, or 2 times 9.

Elephants always sleep standing up when in captivity, although they lie down when they sleep in the jungle. The reason given for this is that the big brutes never learn to trust their keepers enough to put themselves wholly at their mercy.

For the Little Ones

Toyland.

And how do you get to Toyland?
To all little people the joyland?
And go on tiptoes,
Just follow your nose
It's only a minute to Toyland.

And ho! but it's gay in Toyland.
This bright, merry girl-and-boy-land,
And woolly dogs white
That never will bite,
You'll meet on the highways in Toyland.

Society's fine in Toyland,
The dollies all think it a joyland,
And folks in the ark
Stay out after dark,
And tin soldiers regulate Toyland.

There's fun all the year in Toyland,
To sorrow 'twas ever a coyland;
And steamers are run
And steam cars for fun,
They're wound up with keys down in Toyland.

Bold jumping jacks thrive in Toyland;
Fine castles adorn this joyland;
And bright are the dreams
And sunny the beams
That gladden the faces in Toyland.

How long do you live in Toyland?
This bright, merry girl-and-boy-land?
A few days, at best,
We stay as a guest,
Then good-by, forever, to Toyland!

—Eugene Field.

Fun of Esquimaux Children.

Most Northern of all Uncle Sam's children are the Esquimaux who live around Point Barrow, which juts out into the Polar Sea beyond the Arctic circle. There it is night all winter long and day all summer long.

So far from becoming gloomy because of their dreary surroundings and their long nights, the Point Barrow children are particularly bright and lively and full of mischief and play. One of their pastimes in winter is to dance to the Northern Lights.

They are warmly clothed in garments made of the skin of the Northern deer or the Arctic fox. There is an upper garment something like a sweater with a hood to it, skin trousers and deerskin boots coming to the knee.

They wear deerskin mittens, and when they sing their song to the Aurora Borealis and dance with it, they frequently attach the tail of a blue or white fox to their belt behind.

Each dancer clenches the fist, and bending the elbows strikes them against the sides of the body, keeping time to a song and stamping vigorously with the right foot while springing up and down with the left knee. The song has a large number of stanzas and begins "Kioya ke, kioya ke," which means "hail to the Northern Lights."

When the aurora is bright and in an especially dancing mood the children will often keep up the song and dance for hours at a time.

In winter the Point Barrow children have a snowball game which they play with their feet. They wet some snow and make a ball about as big as two fists. The cold is so intense that the ball immediately becomes solid ice.

Then the player balances the ball on the toe of one foot and with a kick and a jump throws it to the other foot, which catches it and throws it back. Some of the players are so expert that they will keep this up for a number of strokes without letting the ball fall to the ground.

The children of this tip-end of Uncle Sam's land also amuse themselves in winter by sliding down the steep banks of frozen snow which form under the cliffs along the shores of the frozen sea. They use no sleds or toboggans, not even boards, in this sport, but slide down the steep declivities on their knees.

Kneeling down and sitting well back, with their hands grasping their ankles, they go shooting along down great steep hills of snow, laughing and shouting, and now and then losing their balance and getting a tumble which sends them rolling in a heap to the foot of the snow hill.

Both boys and girls at Point Barrow are fond of playing football, but they seem to have no order or system. They simply get an old mitten or old boot, and stuff it with bits of waste deerskin or rags, and then kick it about with merry shouts and in great confusion. The children are very fond of dancing, and if they can get hold of an old tin can which some whaler has left they are happy. Beating the tin can for a drum, they improvise dances for themselves and invent songs to accompany them.

The little Esquimaux of Point Barrow have a most mischievous little instrument which they call a "mitiglaun." It is to the Esquimaux boy what the bean snapper is to the white boy.

It is made of a piece of stiff whalebone about five inches long and half an inch wide. It is narrowed off and bent up for about an inch at one end.

On the upper side of this bent-up end is a little hollow large enough to hold a small pebble, and the other end is cut into sharp teeth. This is purely an instrument of mischief, and many a little Esquimaux boy is compelled to retire with his mother into one of their snow huts for a painful interview because of the reckless manner in which he uses his pebble snapper.

The children who frolic by the shores of the frozen sea and dance with the Northern Lights even have mechanical toys among their playthings. One is a wooden doll representing a man dressed in skins.

He holds a drum in one hand and a stick in the other. The arms are made of whalebone, and by pressing them together at the shoulders the figure can be made to move as if beating the drum.

Then they have little toy kaiaks, or canoes, in which are seated dolls with paddles in their hands. By pulling a string the doll is made to move its head from side to side and make a motion as if paddling.

The girls are fond of playing cat's cradle. Two little girls will sit in one of the underground houses, or in one of the huts made of frozen snow, and, by the light of a stone lamp, fed by seal oil, will play at this game for hours, making all sorts of complicated figures with the string.

The favorite figure, and a difficult one, is the representation of a reindeer which, by moving the fingers, is made to run down hill from one hand to the other.

Lieutenant Ray, who was in charge of the Government Station at Point Barrow, says that the children are so polite that they would take pains to mispronounce native words in the same way as he did so as not to hurt his feelings by appearing to correct him bluntly.—N. Y. Sun.

It Was Embarrassing.

President Eliot of Harvard said the other day:

"The last time I was abroad I met at a tea in London a well-known writer of children's books.

"He was a quiet, modest gentleman. The lionizing he underwent at the tea did not puff him up, and neither did the dreadful disaster that happened later particularly unman him.

"He was nearly ready to go, when his hostess brought up to him her little daughter, a child of seven or eight years. She was a pretty child, and as soon as she had been presented she said in a loud, clear voice:

"I think you are a very wonderful man."

"The author smiled.

"Why do you say that, my dear?" he asked.

"Because," said the little girl, 'mamma told me to.'"

One-Way Rates.

Every day from March 1 to May 15, 1905, the Union Pacific will sell One-way Colonist tickets at the following rates, from Missouri River terminals, Council Bluffs, to Kansas City, inclusive:

\$20.00 to Ogden and Salt Lake City.
\$20.00 to Butte, Anaconda and Helena.
\$22.50 to Spokane and Wenatchee, Wash.
\$25.00 to Everett, Fairhaven, Whatcom, Vancouver, and Victoria, via Huntington and Spokane.
\$25.00 to Tacoma and Seattle, via Huntington and Portland or via Huntington and Spokane.
\$25.00 to Portland and Astoria, or Ashland, Roseburg, Eugene, Albany and Salem via Portland.
\$25.00 to San Francisco, Los Angeles and San Diego.

Correspondingly low rates to many other California, Oregon, Washington, Montana, Utah, and Idaho points.

Through Tourist cars run every day on Union Pacific between Missouri River and Pacific Coast; double berth \$5.75. For full information call on or address nearest Union Pacific agent.

FARMERS, There's a Reason



The basis of my business is absolute and unvarying integrity.
Samuel S. Thorpe

Why I can sell you improved farms or unimproved farming land in my part of Michigan cheaper than any one else.

One reason is, BECAUSE I represent the COLONIZATION BUREAU OF MICHIGAN RAILROADS which embraces all transportation lines traversing the lands I handle, enabling me to make you inducements impossible for any one else to offer you in my locality.

Another reason is, BECAUSE being more widely known, through the large line of advertising I carry, owners who wish to sell at fair prices list their properties with me.

Another reason is, BECAUSE I handle no insurance, stocks, bonds, city property or rents.

I Deal Exclusively in Farming Lands

My business is to sell farms and farm lands and I do it. I have sold thousands of acres to worthy people from the more well-settled parts of the country. You will probably buy of me when you see what a good offer I can make you, just as so many others have done before you. All I ask is that you will come to me and let me show you around, and I will help you in the matter of coming by reducing your railroad fare. When you look over my lands, use your own judgment. Seems to me this is fair. You owe it to yourself to investigate. I will treat you honorably and liberally—that's the way I have made my reputation.

The Cadillac Tract

which I am now offering is the biggest bargain I have handled. It embraces about 25,000 acres of splendid land around the city of Cadillac, distant from one-half to six miles. The main lines of the Grand Rapids and Indiana and Ann Arbor Railroads, branches of the Pennsylvania and Wabash Railroads respectively, run through the tract. The lands are also intersected by free gravel pike roads. Soil is good for crops that pay us best, climate is not at all severe, water is pure, soft and easily reached. Markets and the facility of reaching them better than in most other localities. I have an illustrated booklet and an accurate and comprehensive map of these lands which is free to you on your request. WRITE TO-DAY. IT WILL PAY.

SAMUEL S. THORPE, District Agent,

Michigan Land Association,

REPRESENTING

The Colonization Bureau of Michigan Railroads,

Embracing Ann Arbor, Detroit & Mackinac, Grand Rapids & Indiana, Manistee & Northeastern, Michigan Central, Pere Marquette.

Room 16, Webber-McMullen Building, CADILLAC MICHIGAN

NO BOY OR GIRL LABORERS EMPLOYED

Price \$50

Our Famous 1905 Split Hickory Special Top Buggy SOLD ON 30 DAYS FREE USE PLAN

Split Hickory Vehicles are made by experienced, skilled workmen, who spent years in learning their trade, and who know how to construct and finish the very highest grade of vehicles.

We don't employ inexperienced boys in our shop, nor three-dollar-a-week girls, to trim our buggies, as do some cheap mail-order houses, who advertise no-account buggies.

Split Hickory Vehicles have a world's reputation to sustain and they are sustaining it. They are made to order and sold on 30 Days Free Use Plan. With each vehicle goes a two-year iron-clad guarantee. You should know more about Split Hickory Vehicles before you buy. We want to send you our 1905 Catalogue, which is free. Write for it at once.

THE OHIO CARRIAGE MFG. CO. (H. C. Phelps, Pres.) Station 251 Cincinnati, O.

32 YEARS SELLING DIRECT

We are the largest manufacturers of vehicles and harness in the world selling to consumers exclusively.

We Have No Agents

but ship anywhere for examination and approval, guaranteeing safe delivery. You are out nothing if not satisfied as to style, quality and price. We make 200 styles of vehicles and 65 styles of harness.

No. 723 1/2. Driving Wagon with 1/2 inch rubber tires. Price complete \$56. As good as sells for \$75 more.

Our large Catalogue is FREE. Send for it.

No. 307. Fine Canopy Top Surrey. Price complete \$103. As good as sells for \$30 more.

Elkhart Carriage & Harness Mfg. Co., Elkhart, Indiana.

LIGHTNING GASOLINE ENGINE

PORTABLE AND STATIONARY. NEW FEATURES.

2 to 25-H. P. Our Special Farm Engine will interest you.

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

WE GIVE YOU TEN YEARS TIME

in which to pay for Farm and Ranch Land in Kansas, Nebraska and Colorado

All you need to make the land pay for itself and also make you and your family independent for life. Low Prices. Write for full information. FREE.

S. A. McALLISTER, Land Commissioner, U. S. R. R., Omaha, Nebraska



The Home Circle

CONDUCTED BY RUTH COWGILL.

Lost Youth.

Sing me a song of a lad that is gone:
Say, could that lad be I?
Merry of soul he sailed on a day,
Over the sea to Skye.

Mull was astern, Egg on the port.
Run on the starboard bow;
Glory of youth glowed in his soul:
Where is that glory now?

Sing me a song of a lad that is gone:
Say, could that lad be I?
Merry of soul he sailed on a day,
Over the sea to Skye.

Give me again all that was there,
Give me the sun that shone!
Give me the eyes, give me the soul,
Give me that lad that's gone!

Sing me a song of a lad that is gone:
Say, could that lad be I?
Merry of soul he sailed on a day,
Over the sea to Skye.

Billows and breeze, islands and seas,
Mountains of rain and sun,
All that was good, all that was fair,
All that was me is gone.

Robert Louis Stevenson.

The Boy and Girl Question—Is There a Difference in Their Treatment?

One of our readers takes exception to the article published some time ago, called "Who Maketh Thee to Differ?" by Mrs. Florence Shaw Kellogg. Our correspondent, Mr. J. R. Law, Amarillo, Texas, says:

I have seen so many articles in papers and heard so much said about the difference in raising boys and girls—that the boys are most seriously neglected and the girls are so highly favored, petted, and humored—that I for one feel it my duty to rise up and defend the boy-side of this question. I never have been able to see any difference to speak of in the raising of boys and girls—at least where the parents are intelligent and love and serve God. I don't see how any true, honest, right-thinking parent can for one moment tolerate the false and inconsistent idea that it is their duty to pet, humor, and indulge the girl and give her the best education, the best room, and the best of everything and just put the dear boys off with anything. It is true, one will see so-called homes where the boys as well as the girls are turned loose, as it were, to have their own will and to pursue their own way of pleasure and enjoyment; but this kind of a place I do not call home.

I also differ with Mrs. Kellogg when she says that a girl who is petted and raised to have her own way and to have every whim and notion satisfied grows up to be a blessing to her parents and develops into a good and useful woman, leaving her own home to be the loved and crowned queen of another. But, alas! A girl raised in this way too often is a curse to her parents, brothers and sisters, and finally becomes, perhaps, the wife of some good man who must suffer the rest of his days with a woman whom he calls wife but is a wife only in name, or else he has to sue for a divorce, which I would think would be almost equal to death itself.

Now let us get rid of this old idea that the girl is petted. Sometimes, however, I have seen families where boys as well as girls have been permitted to have their own way and of course both turned out badly, which might be expected under such circumstances.

In conclusion, let me say to all true and honest parents, let us show no partiality with our children, and let us raise both boys and girls for the glory and honor of God; then our efforts will not be in vain and our children will rise up to call us blessed.

We are glad to publish the above letter, and invite other discussions of the subjects introduced on this page. It is only by broad and fair-minded discussion that any truth is approached.

ANOTHER SIDE TO THE QUESTION.

There is another side to the boy and girl question which is coming to be much talked of. There is another difference in their lots which can be remedied. It may be true that boys

are sometimes overlooked in the matter of caresses and attention and sympathy, yet it is possible that this very thing is a blessing, teaching them to be self-reliant and resourceful, driving them out of doors and compelling their thoughts to take refuge in other interests than themselves. While the boy is expected to run, and climb trees, and swim, swing a ball-bat or dip an oar, from toddling childhood, his sister is given a doll, and some sewing to do for it, encouraged to stay in the house, and keep her clothes clean and be mama's little lady. While the boy is learning the haunts and habits of birds and bugs and squirrels, studying the wonderful book of out-of-doors, his little sister is perhaps learning to make a bed or tidy up a room. While the boy is growing tanned and hungry, getting innumerable knocks and bumps and having wonderful hairbreadth escapes—and incidentally learning the heights and depths of things, the law of cause and effect, the use of his own limbs and muscles and storing up of energy, his sister is moping about the house learning, it is true, many useful things, but remaining white and pink—delicate, sweet, dainty—but helpless, ignorant of the first facts of life that have been liberally pounded into the boy.

Now, whether the boy suffers from unappreciation or not, this is certainly true, that in general instruction in the art of living, he fares by far the best. If there is an accident of any sort, in which a boy and girl are in equal danger, the girl is the one who suffers every time. She is the one who must be looked out for. She is like a china doll, that can not take care of itself, and in any chance slip or fall is broken to pieces. This is humiliating; for it is not destiny, nor any divine ordering of things. It is simply the stupidity of parents. It is not to be expected, nor, perhaps, desired, that a girl shall be as strong as a boy, that her muscles should stand out in great balls, nor that she should be able to do heavy, rough work. But she should be able to know herself mistress of her own muscles and sinews. She should be able, if not to avert a catastrophe, to at least avoid it, or receive it gallantly. She has a right to vitality and vigor, to that abounding, living joy which comes from no other cause but exuberant good health.

Happily, thought has been given to the matter, of late years, and girls are encouraged to live more out of doors, to dress more simply and, in short, to appropriate some of the privileges which they had never cared for before. The girl, from childhood to womanhood ought to live the life of health and wholesomeness, and store up energy and strength and resourcefulness and knowledge at first hand. All these things she will need in the later years for the duties and responsibilities, the storm and stress that will come to her as surely as they will to her brother.

A Problem in Laboromatics.

CLYDE C. ADAMS.

[Any man who has tried to hire help and is familiar with the exactions of the class who are "hunting a job" will appreciate the humor of the following.]

Once upon a time a hobo started out to hunt a job. His freight train got out of order as it was passing from one town to another about twelve miles out, and stopped; and the train crew advised him to do so. He took his rusty coat jauntily over his left arm, and, with his hat in his right hand, he went forth through the country lanes to hunt a job.

The first house that he came to was occupied. He looked warily up at the sun and as it was not near meal-time according to that, and he thought there might be a dog, the hobo did not stop to hunt a job at this first house.

But the second farm-house that he came to had a wind-mill. Now, the hobo was a thirsty soul albeit his drink was not exactly water. Yet a gen-

tleman should be always equal to any emergency, he thought; and it seemed to-day as if his thirst could not well afford to hold itself up as a respecter of fluids. That is why he went into the yard of the second house, not forgetting to keep his eye open for a dog; but he did forget that he was out to hunt a job.

It was a nice day in Kansas. The gentle breezes roved wildly over the waving grass, and whistled over the house-top, and whirled the weather-vane on the big red barn. Out in the fields it looked as though the yellow grain might soon be ready to cut. Which is the reason the hobo suddenly bethought himself, after he had drank some water, that he was out to hunt a job.

The farmer met the hobo in the lane that led away from the house. The hobo was a very courteous gentleman, and the farmer need not have been a bit embarrassed by this chance meeting. He was not. He wanted to know if the other had come to hunt a job?

"I have come to hunt a job," replied the hobo, gazing straight into the farmer's eye in order to show how honest and frank he was, "I have come to hunt a job if there is enough in it."

"There is \$2 a day in it," said the farmer.

"Now," said the hobo, "we will just sit down and talk this over."

"I haven't much time," said the farmer, "but we will, as you say, sit down and talk this over."

The farmer had left his team standing unhitched by the open gate, and his wife was watching him from the back porch; but he needed a man badly, so he let this outweigh all other considerations. He sat down in the lane with the man who had come to hunt a job.

"To begin with," said the man, "each day has twenty-four hours."

"But we only work ten hours," said the farmer.

"Which leaves us fourteen," continued the hobo, "and I am to understand that I get my meals with you?"

"I give you six meals a day," said the farmer, generously.

"Exactly. Those six meals a day must come in pretty handy. At the noon meal, we rest two hours, do we not?"

The farmer frowned.

"Why, yes," said he, "but have you never worked on a farm before."

"I have not," answered the hobo, suddenly realizing that he was supposed to be hunting a job. "And, perhaps, as I have not, I—"

"Oh, that's all right!" the farmer interrupted quickly. "It is not very hard. As you say, we rest two hours at the noon meal."

"Ah," mused the other, "two hours at each meal: did you say two hours at each meal?"

"You are joking," said the farmer.

"Of course not. We will say that you rest a half-hour after breakfast, fifteen minutes at each of the extra meals, two full hours at noon, and—"

A KALAMAZOO DIRECT TO YOU

We will send you, freight prepaid, direct from our factory any Kalamazoo Stove or Range on a

360 Days Approval Test.

If you are not perfectly satisfied with it in every way, return it at our expense. No quibble nor trouble. We guarantee under a \$20,000 bond that there is no better stove or range made than the Kalamazoo, and we save you from 20% to 40% because we give you

LOWEST FACTORY PRICES.

We have exceptional facilities for manufacturing; we own and operate one of the largest and best equipped stove factories in the world, and we are the only actual manufacturers who sell the entire product direct to the user by mail. If you want the best procurable article at a big saving, we know we can satisfy you.

Send Postal for Free Catalogue No. 189

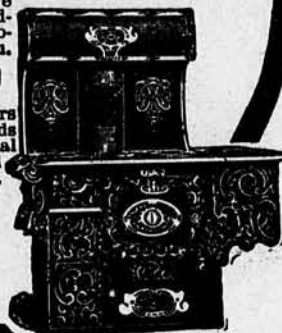
describing full line of cook stoves, ranges and heaters of all kinds for all domestic purposes and for all kinds of fuel. All of the highest quality, built with special reference to long life and economy of fuel. All blacked, polished and ready for immediate use.

All cook stoves and ranges equipped with patented oven thermometer. It save fuel and makes baking easy.

WE
PAY
THE
FREIGHT

Investigate our offer and
save money.

KALAMAZOO STOVE CO., Mfrs. Kalamazoo, Mich.



I AM
RUSSELL E. GARDNER
THE "BUGGY KING" ST. LOUIS, U. S. A.
BANNER BUGGIES
BEAT THE WORLD
Ask your dealer for a Banner Buggy, Runabout, Surrey or Harness. If he doesn't handle them write me before buying. I manufacture more buggies than any other man in the world and can save you money.

The Kansas State Agricultural College

A ten weeks' summer course in Domestic Science and Art for teachers will begin May 23, 1905. The regular spring term of the college begins March 28th. All of the common school branches are taught each term, and classes are formed in all of the first-year and nearly all of the second-year studies each term. Write for catalogue.

PRES. E. R. NICHOLS,
Box 50, Manhattan, Kans.

McMILLAN
FUR & WOOL CO
THE BIGGEST DEALER IN THE WORLD
FURS
PELT'S DEERSKINS CINSKING
EXPORTER FURS MINNAPOLIS TANNERY
AND US AND GET THE BEST AND

SLIGHTLY USED FURNITURE
from the INSIDE INN and ten other leading World's Fair hotels
AT ONE-FOURTH COST
Iron Beds, 50c; Dressers, \$2.50; Extension Tables, \$3.50; Chairs, 25c; Sheets, 10c; 9x12 Rugs, \$5.00; and everything in proportion. All good as new.
Our Big Warehouse is Overflowing
Room must be made to handle our contracts. The greatest Bargain Clearing Sale ever held. Complete Catalogue sent FREE. Dept. G. T.
LANCAN & TAYLOR, St. Louis, Mo.

\$3 a Day Sure
Send us your address and we will show you how to make \$3 a day absolutely sure; we furnish the work and teach you free, you work in the locality where you live. Send us your address and we will explain the business fully, remember we guarantee a clear profit of \$3 for every day's work absolutely sure.
ROYAL MANUFACTURING CO., Box 998 Detroit, Mich.

CHILLS AND BILLS
DOCTORS
Painkiller
CURES THEM ALL

"Now, that's more businesslike," said the man who hailed from a hundred different cities, and still had the mark of Mammon written upon his eager countenance. "And you do not hurry a man from his meals?"

"You have that much time," said the farmer. "No one has ever accused me of hurrying my help away from their meals before their time."

"That is right," said the hobo. "Thus I will have thirteen hours and fifteen minutes out of a total of twenty-four hours in which to consume my dinner, supper, breakfast, and the three special spreads."

"Did I say that?" exclaimed the farmer, suddenly becoming bewildered. "Did I say you could eat thirteen hours a day?"

"I believe you did," said the hobo. "At least we will take it that way. Even then I have left only eleven hours and twenty-five minutes in which to sleep."

"To sleep!" cried the amazed farmer. "If I give you all this time to eat and to sleep, what do I do about your work?"

"Why," answered the hobo, sweetly, "I understood that you were to pay me \$2.00 a day for that besides."

"Indeed," said the farmer, rising to his feet, followed by the hobo, "if you eat, you've got to work!"

"Which, if I work ten hours, leaves me only one hour and twenty-five minutes out of the twenty-four hours to sleep. Man alive! no one could stand that. I guess that I will have to hunt a job somewhere else. Good-day!"

The farmer walked sorrowfully back up the lane towards the house. The bottom seemed to have dropped out of everything.

Then suddenly a ray of light pierced through his mental gloom. He turned and hailed the retreating hobo.

"Say, fellow!" he bawled. "You might do your sleeping a little at each meal time, between supper and breakfast, mostly."

"And cheat myself out of that much grub? Say, farmer, what d'ye take me for? I guess not!"

And the man who came out to hunt a job went whistling away up the lane. It never occurred to him, until he got too far away to go back, that he might have "bummed" the old man for a meal just as well as not.

But the farmer went back to his work, and in his heart of hearts, one more grievance was laid up, ready to be taken out on the first well-meaning fellow who came along to hire out to him, and was not cute enough to beat him at his own game.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON.

Copyright, Davis W. Clark.
Second Quarter. Lesson IV. John 12:12-26.
April 23, 1905.

The Entry of Jesus into Jerusalem.

Jesus left the white-embowered villa on the east slope of Olivet, on the morning of a day corresponding to our Sunday. He joined Himself, in a conspicuous manner, to the pilgrim caravan on its way to the festivities of the Passover week. He was enthusiastically welcomed. These Galilean travelers had a local pride in the wonder-working Prophet of Nazareth. They felt it an honor to be His escort to Jerusalem. They took their way over the southern shoulder of the fig and olive-crowned mount.

Jesus commissioned two of the apostles to hasten on, and bring the beast on which He should ride. It would not be necessary for them to catch it in the field. They would find it tethered by the roadside, as if put there for His service. Mention of His name and need would be all that was necessary to obtain the loan of it. This comparatively insignificant incident, the demand for the beast, hastily reported from mouth to mouth along the crowded thoroughfare, would serve notice of Jesus' approach. Up from a thousand pilgrims' booths, on the slopes of Olivet, the public garden of Jerusalem and the camping-place of those whom the city could not hold, came an eager throng; out from the city gate came pouring another the city gate came pouring another ever-augmenting multitude of those who were only waiting the signal of Jesus' approach.

He was mounted now, and so in plain view of the largest possible number. He rode a beast considered appropriate for a sacred function—one never ridden before. As only an ox that had never worn the yoke was esteemed fit for the altar, so this foal that had never been saddled was meet for the Master's use.

Such a transport of admiring loyalty seized that mighty throng as made all former ebullitions seem faint in comparison. The palm-trees were stripped to provide the emblems of victory. Ten thousand cloaks were proffered to carpet the highway with. A litter—a mattress—of twigs and green grass was formed, so that the King's beast might tread softly beneath Him.

And now the multitude, with that skill at improvisation which is a characteristic of the East, bursts forth in a noble psalm of welcome, the rear guard responding antiphonally to the advance.

From an angle in the road a glimpse of Zion is obtained—her palaces fair, her battlements strong. The sight is signal for a salvo of joy and praise. David's city is called upon to welcome David's Son. But this first view is only a foregleam of the splendor that awaits the unobstructed vision from the crest, as under the very feet of the pilgrims the whole glorious scene is unrolled. The great white heart of it is the temple, with its ample courts rising in terraces; its snowy colonnades; its sanctuary, a mound of snow and fire.

At this goodly sight such a shout is raised as penetrates to even the star-chamber of the sanhedrin, and keys to its highest pitch the murderous jealousy of the rulers of Israel as they say to one another, bitterly: "Perceive ye how ye prevail nothing? Behold the world is gone after Him."

How different Jesus' emotions. The crowd looked, and shouted joyfully. Jesus looked, and wept aloud. His human and patriotic heart is deeply stirred as, with prophet's eye, He sees the awful fate impending over that city which, spite of her loveliness, knows not the things that belong to her peace.

Some forward Pharisee, with ominous glance at the Tower Antonia, exhorts Jesus to suppress this demonstration. But Jesus puts the seal of His approval upon this festal spectacle in the declaration that the very rocks would find tongues to welcome Him, if the people did not.

So the Messenger of Malachi came suddenly to the temple. But a venal hierarchy could not abide the day of His coming. He calmly looked about as the Divine proprietor of all. But His presence was like the refiner's fire and fuller's soap to the dross and filth of the ecclesiastical establishment.

It was night, and Jesus returned to Bethany.

The Teacher's Lantern.

The triumphal entry was not a mere passing incident—an accident of Jesus' approach. It was a very large event.

Jesus deliberately planned His entry—designed to make it as effective as possible. He was not captured by the multitude; He captured it, and used it for His purpose. The orderly precision of all His movements indicates this. "The royal entry was an integral part of the history of Christ which would not be complete not thoroughly consistent without it."

He openly came unto His own. The issue was pressed. They must accept or reject. The test was not made in any dark corner, either. Nothing could have been more conspicuous.

A triumphal entry, true! But how many points of contrast it presents to all other "triumphs" with which the world is familiar! The meekness of the Victor; the lowliness of His equipage; the absence of captives and spoils—a triumph accorded, not by the chief of Church or State, but by the common people! Yet, in comparison to it, even Pompey's famed triumph pales. No similar spectacle was ever fraught with such significance for the race.

SIMPSON

EDDYSTONE
PRINTS

It pays

to use Simpson-Eddystone Prints. They wear and hold the color of their distinct and beautiful patterns. It pays to use the calicoes that have given satisfaction to three generations of discriminating wearers. It pays in the end—every time.

Ask your dealer for Simpson-Eddystone Prints.

In Blacks, Black-and-Whites, Light Indigo-Blues and Silver-Greys, Shepherd Plaid Effects and a large variety of new and beautiful designs.

Thousands of first-class dealers sell them.

The Eddystone Mfg Co (Sole Makers) Philadelphia



Club Department

OFFICERS OF THE STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. Cora G. Lewis, Kinsley
Vice-Pres.....Mrs. Kate E. Applington, Council Grove
Corresponding Secy.....Mrs. Eustice H. Brown, Olathe
Recording Secretary.....Mrs. F. B. Hine, Kinsley
Treasurer.....Mrs. J. T. Willard, Manhattan
Auditor.....Mrs. D. W. Wilder, Hiawatha
State Secretary for General Federation.....
.....Mrs. C. C. Goddard, Leavenworth

Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1895).
Give and Get Good Club, Berryton, Shawnee County (1902).
Women's Literary Club, Osborne, Osborne County (1902).
Women's Club, Logan, Phillips County (1902).
Domestic Science Club, Osage, Osage County (1888).
Ladies' Crescent Club, Tully, Rawlins County (1902).
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1888).
Chillico Club, Highland Park, Shawnee County, (1902).
Cultus Club, Phillipsburg, Phillips County (1902).
Literature Club, Ford, Ford County (1903).
Sabeen Club, Mission Center, Shawnee County, Route 2, (1899).
Star Valley Women's Club, Iola, Allen County (1902).
West Side Forestry Club, Topeka, Shawnee County, Route 8, (1903).
Fortnight Club, Grant Township, Reno County (1903).
Progressive Society, Rosalia, Butler County (1903).
Pleasant Hour Club, Wakarusa Township, Douglas County (1899).
The Lady Farmers' Institute, Marysville, Marshall County (1902).
Women's Country Club, Anthony, Harper County (1902).
Taka Embroidery Club, Madison, Greenwood County (1902).
Mutual Improvement Club, Vermillion, Marshall County (1903).
Prestige Reading Club, Cawker City, Mitchell County (1903).
Cosmos Club, Russell, Kans.

[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

KANSAS HISTORY PROGRAM.

Hurrah for Kansas.

Roll-Call—Why I am proud of Kansas.

- I. Her glorious past.
- II. Present prosperity.
- III. What of the morrow?
- IV. State loyalty.

This, the last of the Kansas history programs, should be made somewhat of a resumé of what has been learned and spoken during the year's meetings. The first paper, especially, will recall the brightest spots in the history.

Kansas has come out of her hard period of struggling beginnings, into an era of prosperity and advancement. She is now turning her attention toward the beauties, the embellishments of life. A very helpful and encouraging, as well as instructive paper will constitute the second number.

What of the future? All thoughtful and patriotic men and women are looking into the future with hope, and the steady purpose to make it bright. Yet many obstacles will meet our State's advancement. What these are and what is our mission as a State, are very interesting questions to consider.

Just what is State loyalty? It is certainly akin to patriotism, that heroic virtue without which any man is unworthy the respect of his fellow citizens. But just what are the limits of State loyalty? Where does duty to State end and duty to country begin? There are many things to be said on this most interesting subject. It is to be hoped that this will be one of the best meetings of the year.

HOUSEHOLD PROGRAM.

Canning, Pickling and Preserving.

Roll-call—Favorite pickles, preserves, or jells.

- I. Some good pickles.
 - II. Preserving fruits.
 - III. Suggestions about canning, sealing, etc.
 - IV. Vegetables for winter.
- One of the most pleasant—though

AGENTS WANTED

Write for Catalogue.

Save Freight on Long Distance Shipments



Buggies, \$28.00, guaranteed for three years. Harness, \$4.85. Saddles, \$2.00. Full line of lap robes and whips. We are the largest manufacturers of buggies and harness west of the Missouri River. Send for catalogue.

ERHARDT CARRIAGE & HARNESS COMPANY,
ATCHISON, KANSAS.



BEING A LADY

you have wondered what to do about some trouble you are having. I am almost certain of it. DR. MEYER'S big forty page book will tell you all about it. It will be sent FREE for the asking. I have cured thousands with my VITA SYSTEM and I can cure you. You will see by my agreement [page 40 my book] that if I was not sure I could effect a cure I could not afford to take your case. Better write for my book to-day while the matter is fresh on your mind. DR. I. L. MEYER CO.,
115 S. 6th St. Hiawatha, Kans.

CRIPPEN'S COMPOUND CURES

Heart Disease and Rheumatism. We guarantee it by refunding money if not satisfactory. Price, \$1.00 per bottle, postpaid. CRIPPEN MEDICINE CO., 210 N. Main St., Wichita, Kans. Reference, Kansas National Bank, National Bank of Commerce, and National Bank of Wichita.

DO YOU KNOW?

That the BUSY PUBLIC of today demands TYPEWRITTEN business letter? That you can learn to use a typewriter in less than two weeks AT YOUR OWN HOME? That one good typewriter will last you almost a life time? That a typewriter is by far the cheapest and most inexpensive fixture one can add to his office or home?

THAT YOU NEED A TYPEWRITER?

SPECIAL BARGAINS

In first class, slightly used, but not damaged standard typewriters of different makes. Satisfaction guaranteed.

Address

"TYPEWRITER"
Care KANSAS FARMER,
Topeka, Kans.

by no means the easiest—of the housewife's duties is the preparing of the winter stores for the coming year. When one is toiling in the heat over a boiling kettle of jam or marmalade it is very pleasant to think how much enjoyment will come to the family from it.

The first paper should be taken by one who is famous for her pickles. (Is there not always one such in every community?) The second should be told by another equally skilled in the making of preserves, jells, etc. The third subject is a very practical one and should be very helpful. It should consider the details, as, What are the best kinds of cans? How can they be more easily filled and more safely sealed, etc?

Very few people are successful in canning vegetables. They seem much more liable to spoil than fruits. The woman who has succeeded in this, and is willing to tell about it, will be eagerly listened to.

THE RAILROAD QUESTION AND THE FARMER.

(Continued from page 411.)

as being too socialistic; so that it is considered safe to disregard the farmers' occasional demands for lower freight rates in the assurance that he, unlike people whose positions in life tend to union of action, will never assist in presenting the alternative, "State regulation or State ownership."

But the farmer has the opinion that the cost of transportation and exchange is too great; that trusts and combinations in manufacturing and in merchandising are demanding and receiving undue compensations for the services they render. The farmer has an opinion of long standing that by reason of its power to control rates of transportation, the railroad has charged too much for transporting the things he sells and the things he buys. Though assertions to the contrary are gravely made, the farmer knows that all excesses in any of the charges laid upon products in their transfer from the producer to the consumer appear either in reduction of remuneration left to the producer or in advance in price paid by the consumer, and that the aggregate of many small excesses easily amounts to a formidable charge. He realizes that this excessive charge is, in part at least, subtracted from the good he ought to enjoy or from the accumulations he might make, and is appropriated by intermediaries without right. The farmer is willing to pay fair compensations for needed services, but he objects to being held up and made to pay unfair compensations.

The doctrine of socialism that competition is a failure under modern conditions, that legal regulation is not demanded by those having the ear of legislators, or is a long way off if not totally inapplicable and inefficient, has caused a surprising development of the inclination to favor State socialism as a potent remedy for an otherwise apparently hopeless case.

The alacrity with which Kansas turned to the socialists' plan for overcoming the extortions of the twine trust, and the unanimity with which the same plan was adopted against the oil trust, and the endorsement and imitation of this plan by other communities, should be sufficient warning of the early presentation of the alternative of State regulation or State ownership of such public utilities as railroads.

In a State in which individualism is as highly developed as in Kansas, the preference is beyond question for regulation. So in the days of Lincoln, the prevailing sentiment favored restriction of the slave power, but the alternative of restriction was abolition—a doctrine professed by a comparatively small group of fanatics only—but failing in restriction the judgment of the Nation was quickly turned to abolition, and, despite the bulwarks of the constitution, abolition prevailed. It has been followed by a train of complications not yet ended.

Efficient official regulation of railroad charges will do much to allay the demand for State ownership and is probably the only alternative for a more rapid development of socialist ideas and a more precipitate application of socialist plans than will be good for the country.

A DAIRY SCHOOL ON WHEELS.

The rich agricultural region which is now embraced within the limits of Northern Kansas and Southern Nebraska has had several periods in its progress towards affluence. Following the Indians came the period of the range steer which brought wealth to many of its inhabitants. This was succeeded by the period of the wheat farmers many of whom prospered through the cultivation and sale of this crude product. In turn came the period of the beef and pork-producer who has brought the country to its present degree of prosperity. But in agriculture as in other things the law of evolution holds good and the community must progress else it deteriorates. Far-sighted business men now realize that, with the increasing price of land and the decreasing price of market products, another step in ad-

vance is necessary if the country would progress financially in the future as it has done in the past. They have, therefore, turned their attention to the milch cow as the solution of this problem.

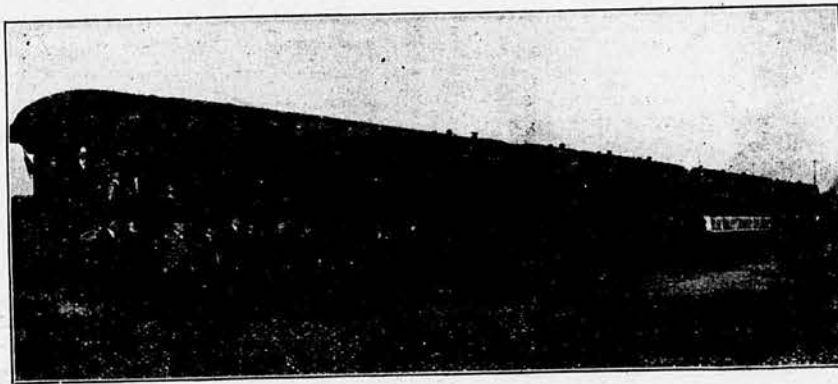
It is a well-known fact that dairying, with the careful methods which necessarily accompany it, has brought prosperity to every country where it has been practiced. Dairying means intensive rather than extensive farming. Dairying is a manufacturing business in which the crude products of the farm are made into the highest priced farm product known. With it careful methods are necessary and all the products of the farm are utilized in making money.

One of its chief advantages lies in the fact that it takes less fertility from the soil than any other known form of agriculture. It has been demonstrated that a ton of wheat which is worth less than \$20 on the market will remove \$7 worth of fertility from the soil on which it grew. While a ton of butter, which sells for about \$600, will only remove 50 cents worth of fertility from the soil.

Instead of selling the crude products of the farm for a few cents per bushel on an uncertain market as does the grain farmer, the dairyman becomes a manufacturer who produces the most

and enthusiastic farmers who were given lectures on "Why You Should Dairy," and "How You Should Dairy," and were then conducted to the exhibit car, where instruction was given as to the meaning of the various exhibits and where dairy literature was distributed for future use. A careful count of the farmers who received the benefits of this special dairy-train showed that, in spite of the continuous downpour of rain which fell during the entire first day out, and the busy season of the year, they numbered approximately four thousand, each of whom has a better idea of the importance as well as of the proper methods of dairying.

In preparing for this trip the railroad company called to its assistance the Blue Valley Creamery Company, of St. Joseph, Mo., which is recognized as the largest exclusive butter manufacturer in the world, and through it secured the assistance of a corps of the ablest and best-known dairy experts and lecturers available. That the railroad company realized the importance of this dairy special was shown by the fact that it was placed in personal charge of the general passenger agent, Mr. S. M. Adsit. The school of instruction was under the direction of Mr. W. W. Marple, of the Blue Valley Creamery Company, who



St. Joseph & Grand Island Railroad—Blue Valley Creamery Dairy Special Train.

valuable of farm products for a market that is always steady and where the prices are always good. The grain farmer markets the crude product which has yet to be manufactured before the consumer can use it. The product of the dairy farm is a finished one and ready for immediate consumption. The grain farmer receives an uncertain and variable income. In the good years he makes money. In the bad years, he loses, while in the average years, he may hold his own financially but his accumulations will be small. The dairy farmer, on the other hand, has a constant income which may be increased according to his skill and ability as a dairyman.

Dairying gives constant remunerative employment to the working force of the farm. All can be busy and all make money throughout the year. With the grain farmer long periods of idleness are necessary, with occasional doubling-up of harvests when help is difficult to secure and the consequent loss is heavy. Dairying is the most progressive branch of agriculture and affords the greatest opportunities for skill and brain-work with pay in proportion. There is no branch of agriculture that promises so well for the future and gives absolute assurance of regular employment and large income, as does dairying when practiced by an intelligent dairyman.

It was a keen appreciation of the significance of these facts which lead the far-sighted business men who manage the St. Joseph and Grand Island Railway to send out over their road a special dairy school of instruction which was unique in railroad history. This train was equipped with two day coaches for the accommodation of farmers while listening to the lecturers, and a baggage-car filled with a large and interesting collection of exhibits showing analyses of various feeding stuffs, hand-separators and other dairy machinery, dairy supplies of various kinds, balanced rations, model silos, etc. The schedule provided for a stop of forty minutes at each station, and four days were occupied in the trip from St. Joseph, Mo., to Grand Island, Neb. Everywhere the train was met by crowds of interested

is president of the Missouri State Dairy Association, and who was superintendent of dairy exhibits at the Louisiana Purchase Exposition.

Among the workers and lecturers of special note on the train may be mentioned Colonel G. W. Waters, of Canton, Mo., who is recognized as the greatest institute worker in the West; Prof. Oscar Erf, at the head of the dairy department of the Kansas State Agricultural College and formerly superintendent of dairying at the World's Fair; Hon. D. P. Ashburn, of Gibbon, Neb., who is the pioneer dairyman of that State; Prof. E. W. Curtis, formerly of the Kansas State Agricultural College and now of Kansas City, Mo.; L. G. Humbarger, James Walker, and W. W. Marple, of the Blue Valley Creamery Company, St. Joseph.

At Sabetha and Hanover, Kans., and Fairfield, Neb., where the train made all-night stops, meetings were held in public halls and the lecturers had the privilege of appearing before large and enthusiastic audiences.

The successful completion of this trip by the first dairy-train on earth, means a vast deal to the rich agricultural region of Northern Kansas and Southern Nebraska which came in direct contact with it, as well as to the country at large, which will be more or less affected by it. If the farmers who were present at these several meetings will put into practice the truths which they there learned; if they are even sufficiently interested to make further study of dairy questions; if the tour of this dairy school on wheels should result in a general adoption of the methods necessary to the successful dairyman, then will come the new period in the agricultural history of this region, and with it the added prosperity which is only possible by careful methods on high-priced land. Prosperity will come to all classes, but to the farmer first.

In looking back over the experiences of the trip one can not but think of the beautiful, bountiful country through which the train passed. It needs only a glance to show that the Creator has done His part and done it well; that no finer country lies out of doors; that its first settlers found it abounding in a wealth of soil fertility

FARMERS' HANDY WAGON
with four inch steel wheels. Saves labor, horse flesh and repairs. Tires neither swell, shrink nor run off.

STEEL WHEELS
Straight or Staggered Spokes. The best repair for your old wagon. Made to fit any axle. All sizes. Any width of tire. They earn their cost on any farm. Catalogue free.

EMPIRE MFG. CO.,
Box 136 Quincy, Ill.

which even careless methods have not served to dissipate. The same glance also tells that the farmers who inhabit this region have only the dimmest ideas of its possibilities; that their methods in the past have been extravagant and wasteful; that the returns that they have received for their labor have been small in comparison with what might have been, and that the age of dairying will redevelop this country and bring a degree of prosperity which is now not even dreamed of.

With the milch cow will come an increase in the alfalfa-fields, the conservation of moisture, the careful methods which meet their sure reward in every country. One had only to listen to the burning, earnest words that fell from the lips of the lecturers and to look into the faces of the eager men and women who sat under their instruction, to be assured that the dairy special was doing a missionary work whose value can not be estimated and whose after effects will constantly increase as the years go by.

STOCK-BREEDERS' ANNUAL FOR 1905.

On account of the reasonable anticipations that the Legislature would provide for the publication and distribution of the Stock-Breeders' Annual for 1905, the matter of getting it out has been delayed. The ways and means committee of the Legislature decided to ignore the recommendations of the committee which favored the measure and, consequently the Kansas Improved Stock-Breeders' Association will issue it shortly the same as heretofore.

The 1905 Annual will contain the full proceedings of the fifteenth annual meeting of the Kansas Improved Stock Breeders' Association, and the addresses, papers, and stenographic report of the great discussions. It will also contain the Kansas Breeders' Directory, a classified directory of nearly one thousand Kansas breeders. A copy will be sent free to every member.

Readers of the KANSAS FARMER who desire a copy of this up-to-date livestock manual, may have a copy of the Stock Breeders' Annual for 1905, until the supply is exhausted, by sending ten cents in stamps to defray cost of mailing, to H. A. Heath, Secretary, Topeka, Kans.

KANSAS FARMER DAIRY SPECIAL.

Last week at Salina, was held the annual meeting of the Kansas State Dairymen's Association, one of the most successful in the history of the association. The addresses, papers, and discussions were of unusual interest and excellence and when published will be of great value to those engaged in the dairy industry.

In order to present the matter completely, the KANSAS FARMER will, on April 27, get out a special dairy edition, one of the regular series of Twentieth Century Specials originated by the KANSAS FARMER.

The Dairy Special will contain the proceedings of the annual meetings of both the Missouri and Kansas Associations for 1905, besides considerable special dairy matter reserved for this edition of which several thousand extra copies have already been ordered. It will be worth preserving for future reference by all who receive it.

We Believe in Good Measure.

Kansas Farmer Co., Topeka, Kans. Gentlemen:—Your dictionary received. Am more than pleased with it. Don't see how you can afford the best farm paper in Kansas, also the book for the price asked, namely \$2.75.

Vinland, Kans. D. D. TUTTLE.

A REVOLUTION IN MERCHANDISING.

In the development of the merchandising system of the present the mail-order establishment is rapidly increasing in prominence. This fact is called vividly to mind by the accounts given in the Chicago papers of the building of a city within the great city, all for the accommodation of the business of one great mail-order house, that of Sears, Roebuck & Co. This establishment, now under construction by a three-shift force of 500 workmen, will occupy 20 acres. It is promised that over 40 acres of floor space will be ready for occupancy by July 1. Provision is made for later expanding this floor space to a still larger area.

The growth of Sears, Roebuck & Co. is typical of the changing methods of trade. The development of the transportation system of the country has done much to promote the change, but the economy of the mail-order system

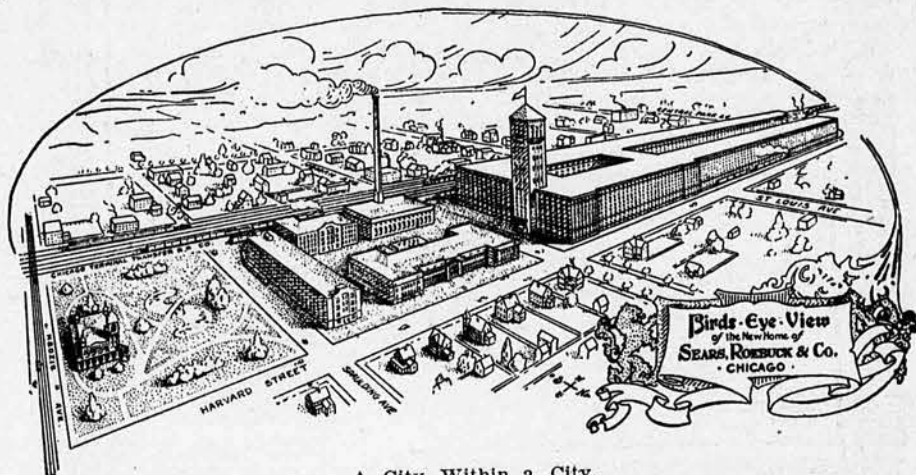
complete system ever devised for the economical handling of merchandise.

The development of this great business marks a stage in the revolution in merchandising.

NO HOG-CHOLERA ANY MORE

The above title is the name given a little booklet, a practical treatise on rational hog-raising, by Albert Theyson, Wilsey, Morris County, Kansas, price 25 cents, either English or German edition.

Mr. Theyson is a farmer who has had a successful life experience in hog-raising, of which he has made a practical success and is firmly of the opinion that there is no necessity for the widespread losses of swine which have obtained so long with the general farmer. He is so firmly convinced of this fact that he has prepared this little booklet so that farmers may be instructed and thereby avoid heavy losses nearly every year. It is com-



A City Within a City.

has been the chief factor in its evolution. Who that has taken the trouble to observe for a few hours the usual methods of retail shopping but has wondered how large the profits must be to compensate for the time of the salesman who must throw down piles of goods, bring out myriads of buttons and unending trimmings, and unroll hundreds of yards of carpet for the inspection of the shopper who is "just looking."

The mail-order house avoids this expense by dealing with customers who never visit the store. This customer is furnished with a very complete descriptive and illustrated catalogue of the goods offered; the members of the family are consulted at their own fireside as to the quality and color of goods; the size and shade of buttons; the kind and amount of trimming; the figure and quality of carpet; and, more important, the price that can be afforded. No expensive salesman is waiting while these details are under consideration, and the few cents which the catalogue costs are saved many times over on a sale of moderate amount. Again, all local retail stores are obliged to do something of a credit business. In any credit business there is loss. The mail-order house has the cash in hand with the order and suffers no losses on account of bad accounts. Still another advantage enjoyed by the mail-order house is that of a practically unlimited patronage, or at least a patronage limited only by its liberality and skill as an advertiser. This enables the mail-order house to be a very large buyer and to command the most favorable prices of the market.

These obvious advantages have enabled the mail-order house to make moderate prices and still realize fair profits. A condition essential to the continued success of the mail-order house is absolute fair-dealing.

To the advantages enumerated, the great establishment under course of erection by Sears, Roebuck & Co. adds the best possible facilities for handling orders and packing and despatching goods. This house will have its own railroad tracks connecting with every road that enters Chicago; every express company will have agents in the establishment; the mail, telegraph, and telephone facilities will be the most complete possible. It is the announced purpose of this house to give to buyers the advantages of the savings affected by the use of the most

mon sense put into practical use, and the farmer who can not get value received out of this little book can blame no one except himself for lack of intelligence or because of shiftlessness. Mr. Theyson is so confident that the practical farmer will agree with his views and advice, that he is willing to refund the price to any purchaser who is not satisfied with it after reading it. This book is gotten out for the benefit and use of hog-raisers and not to sell any nostrum or hog remedy as the book contains prescriptions for all necessary remedies which any farmer can prepare at little cost. The book, "No Hog-Cholera Any More," will be sent postage paid, German or English edition for 25 cents. Address, Albert Theyson, Wilsey, Kans., or Kansas Farmer Company, Topeka, Kans.

BLOCKS OF TWO.

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

Special to Our Old Subscribers Only.

Any of our old subscribers who will send us two NEW SUBSCRIPTIONS at the introductory rate of fifty cents each, will receive any one of the following publications as the old subscriber may choose, viz., "Woman's Magazine," "Western Swine Breeder," "Vick's Family Magazine," "Blooded Stock," "Poultry Gazette," "Dairy and Creamery," or "Wool Markets and Sheep."

The Old Guard.

EDITOR KANSAS FARMER:—Enclosed find \$1 to renew my subscription for KANSAS FARMER. Send one copy to J. M. Alexander, Lane, Kans. I would like to send you other names that ought to take it but the weather is too cold for me and I have been housed up all winter with a broken leg—have

The Cream Check System

Will make your cows pay more money in actual cash than you can realize by any other system.

It Is Done This Way:

Use one of our separators bought on easy payment plan and deliver your cream to one of our 500 cream receiving stations. In return you get our check two times a month with a complete statement of your account attached.

At each of our stations you can see your cream weighed, sampled and tested. Our butter-fat prices are quoted in advance of delivery and the test of each delivery of cream enables you to know at once the actual cash value of each can delivered. If you need money before checks are due we advance cash on your account. If you can't reach one of our stations you can ship direct. If you have no separator and want one write us for information about the De Laval and we will tell you how a little cream each month will pay for one.

Ask us any question you please about any phase of the dairy business.

The Continental Creamery Co., Topeka, Kansas.

**GOOD MEN
WANTED
In Every
Locality**

To introduce OSGOOD'S

"New Idea" Steel Pitless Scale

Every farmer admits he needs a scale and is losing money without one. He has no excuse now. Our "Ready to Weigh" Scale requires no pit wall or timber excepting platform plank. With our full line we can furnish him anything he wants on time if desired, 30 days' trial. An agent can make \$500.00 extra money this year by writing now for our Exclusive Agency and prices. Show this ad to your neighbors. Write us about Scale for yourself. Osgood Scale Co., Box 108, Binghamton, N.Y.



BINDER TWINE LOWER PRICES FOR 1905

Why pay more when you can buy the best of us at lower prices than all others ask? Don't fail to send today for our new cash and credit prices with complete samples. **CRICKET PROOF** To secure our prices for your own protection. Postal Card places your name on our mailing list for 5 years. **CRICKET PROOF** Prepared by our secret process, a most desirable feature rendering our twine more valuable than any other, it is imitated by no other twine made in America. **TRADE MARK** U. S. Government, which is our guarantee that it is of the highest grade, and superior to any other twine made in America. **SEND** Postal Card to nearest place, and receive by sealed mail, samples, prices, etc. Ask for Lot No. 133 and what others have done write today to F. H. ALEXANDER, Agent and Ind. Agt., Norfolk and Western Ry., Box 66, Roanoke, Va. **COOPER CORDAGE COMPANY** CHICAGO MINNEAPOLIS KANSAS CITY

not walked a step for over two months. I have been a reader of the KANSAS FARMER for over twenty years and expect to be the few more years I have to live. I am now in my sixty-ninth year and have been here thirty-five years and expect to die here.

W. W. ALEXANDER.

Franklin County.

A Fire Department in Your Own Home at Low Cost. Protection Assured and Guaranteed. Endorsed by Fire Insurance Writers and Chiefs of Fire Departments Everywhere.

For one dollar, I will send postpaid to any address, my full and complete formula for making and using my celebrated dry powder fire extinguisher, the materials for which can be purchased from any druggist for a few cents per pound. So simple a child can operate them. Protect your homes, farm and ranch buildings, oil derricks and other structures. Don't pay extravagant prices for extinguishers not a whit better than mine. Its effects are instantaneous and certain. Entirely safe and as harmless as sugar to anything except fire which it destroys in the twinkling of an eye. Made in a few minutes at your home. Always ready. Never deteriorates. Keeps indefinitely in any climate. Supply your neighbors and others at a handsome profit. Splendid opportunity for farm boys to make some extra spending money. Don't delay. This offer may not appear again. Order to-day. You can not afford to be without this protection. Address, J. R. Luak, Topeka, Kans.

The Farm Tool Question.

In the matter of buying farm tools and machinery the prudent farmer will be slow in experimenting with new and untried contrivances, no matter how promising they seem. It is always best to let the manufacturer demonstrate the advantages and the usefulness of his invention, at his own expense.

Farmers really squander too much money every year on implements that are almost worthless; often more than useless, because they require too much tinkering with, and consume too much time, in a vain effort to make them work at all, and in the end prove their utter unfitness for the work they are supposed to perform. This vast sum of money might be saved if farmers would buy only such tools as have proven their worth by practical use upon the farm.

In another column appears the adver-

VIRGINIA FARMS

AS LOW AS \$5 PER ACRE WITH IMPROVEMENTS. Much land now being worked paid a profit greater than purchase price the first year. Long Summers, mild Winters. Best shipping facilities to great eastern markets at lowest rates. Best church, school and social advantages. For list of farms, rates and what others have done write today to F. H. ALEXANDER, Agent and Ind. Agt., Norfolk and Western Ry., Box 66, Roanoke, Va.

SINGLE OR DOUBLE

with or without

EXTENSION HEAD.



J. C. CONLEY,
General Agent,
WICHITA, KANS.

tisement of the Peoria Drill and Seeder Company, of Peoria, Ill., who manufacture a line of drills and seeders that have demonstrated their sterling qualities—their usefulness and economy—in hundreds of fields. They have been extensively employed by farmers for a number of years and have given unparalleled satisfaction. It is such tools as these that the farmer can buy without a shadow of doubt as to the wisdom of his choice. They are reliable tools, profitable to own and well-known by every farmer in the great West and Southwest, and need no further word of commendation by us.

Still we think a word to the farmers who need new tools will not be out of place and will do no harm; that's why we request our readers to hunt up the advertisement referred to and write the manufacturers, asking for circulars describing their complete line of tools. Kindly say you saw their advertisement in this paper when you write.

Kelley & Taneyhill Co., Waterloo, Iowa, manufacturers of well-drilling machinery, report a very encouraging trade from the field. Their progressive manager, Mr. Parsons, has inaugurated several improvements in the management as well as in the buildings and equipment of this pioneer plant. Their drills are adapted to all the requirements for water, gas, oil, and other minerals and have capacity for all depths. Our readers interested in prospecting for water or minerals should consult this firm.

A small talent, if it keeps within its limits and rightly fulfills its task, may reach the goal just as well as a greater one.—Joubert.

NO MONEY TILL CURED. 27 YEARS ESTABLISHED.
PILES
We send FREE and postpaid a 232-page treatise on Piles, Fistula and Hemorrhoids of the Rectum also 100-page treatise on Diseases of Women. Of the thousands cured by our mild method, none paid a cent till cured—we furnish their names on application. **DRS. THORNTON & MINOR**, 2909 Olive Street, St. Louis, Mo. and 1007 Oak St., Kansas City, Mo.

In the Dairy

Experimenting With Dairy Cows.

Excerpts from Bulletin No. 125, Kansas Experiment Station, by D. H. Otis.

(Continued.)

Composite Testing.—Daily testing of individual cows, or even of a herd, involves much labor, but where it is desired to get only an average test, recourse is had to what is known as a composite test. This means that, each time a cow is milked during the test period, a small, uniform or proportionate amount is put into the sample jar in which is some preservative to keep it from souring—corrosive-sublimate tablets being commonly used for this purpose. The accuracy of the composite samples is shown in the following test made at this station.

A composite sample of eight milkings just before the 1st and 15th of each month is made, which forms a part of the regular herd record. On May 10, 1899, a large herd of cows was put on green feed, and individual testing was done for seven days previous and for a number of days after the changing of the feed. This special test ran through the time of the regular test, and the comparison shown in the following table is between the average of the individual tests and the composite tests for the same milkings. The samples were taken by the milkers with no thought of the comparison being made. In taking the sample the milk was poured from the milking-pail into another pail, and a portion dipped out for the composite sample, using a dipper that held about two ounces. The milk was again poured back into the milking-pail, and again into the sample pail, and about a pint was poured out into a bottle for the individual tests. The results of the comparison are clearly shown in Table XXXII.

TABLE XXXII.—Comparison of individual and composite sampling.

Individual tests.	Composite test of same milkings.	Individual tests.	Composite test of same milkings.
1..... 4.4	4.4	14..... 4.5	4.6
2..... 3.5	3.6	22..... 4.1	4.0
3..... 3.6	3.7	23..... 4.2	4.3
4..... 3.7	3.7	24..... 3.3	3.4
5..... 3.6	3.5	25..... 4.1	4.1
6..... 4.2	4.2	26..... 4.3	4.4
7..... 4.5	4.5	27..... 4.0	4.0
8..... 5.3	5.4	28..... 4.7	4.5
9..... 3.8	3.8	29..... 4.7	4.5
10..... 4.7	4.6	30..... 3.9	3.9
11..... 5.1	5.2	33..... 3.9	3.9

It will be noticed that 0.2 of one per cent is the greatest variation that we had. For practical purposes, the com-

posite sampling is not only accurate but saves a great deal of time.

Variations in a Single Milking.—A test was made at this station with five cows that were giving a fair quantity of milk, their milk being collected in half-pint bottles, each teat contributing its share to every bottle. These different samples were tested for butter-fat, and the variation from the first to the last of the milking is shown in table XXXIII. It will be noticed in

TABLE XXXIII.—Variations in the test during a single milking.

Test of cow				
No. 6	No. 10	No. 14	No. 15	No. 20
1.... .6	1.0	1.6	1.5	.8
2.... .7	1.0	2.3	1.8	1.1
3....1.1	1.7	2.7	3.0	1.9
4....1.5	2.1	2.8	3.6	2.6
5....1.6	2.2	3.1	3.8	2.7
6....1.8	2.4	3.1	4.0	3.0
7....1.9	2.4	3.2	4.0	2.9
8....2.0	2.7	3.0	4.1	3.0
9....2.2	2.9	3.3	4.1	3.0
10....2.4	2.9	3.1	4.2	2.9
11....2.2	3.0	3.2	4.3	3.0
12....2.2	3.1	3.3	4.3	3.2
13....2.4	3.4	3.2	4.3	3.0
14....2.0	3.3	3.3	4.4	3.1
15....2.3	3.5	3.2	4.5	3.3
16....2.4	3.6	3.2	4.7	3.2
17....2.6	3.7	3.2	4.8	3.4
18....2.9	4.0	3.4	5.0	3.5
19....3.7	3.8	3.4	5.0	3.6
20....5.6	4.2	3.5	5.3	4.0
21....7.2	4.4	3.5	4.8	4.3
22.... .4	4.4	3.6	5.4	4.4
23.... .5	5.5	3.6	5.8	4.4
24.... .5	5.5	3.6	5.8	4.3
25.... .6	6.6	3.7	6.8	4.4
26.... .	...	3.9	...	4.0
27.... .	...	3.9	...	3.7
28.... .	...	3.9	...	3.6
29.... .	...	4.0	...	3.4
30.... .	...	4.0	...	3.8
31.... .	...	4.2	...	4.1
32.... .	...	4.2	...	4.9
33.... .	...	4.3	...	7.8
34.... .	...	4.6	...	...
35.... .	...	4.9	...	...
36.... .	...	5.8	...	...
Avs. 2.44	3.3	3.52	3.03	3.46

this table that the first milk drawn contains a very low per cent of butter-fat—only 0.2 of one per cent for cow No. 10—and that there is a gradual, although not entirely uniform, increase from the first to the last of the milking. The last sample drawn is exceptionally rich in butter-fat, and stands in marked contrast to the first, or even the average, of the whole milking.

A summary of the averages, showing the per cent of fat in the different portions of the milking, is given for each individual cow, as follows:

TABLE XXXIV.—Summary of butter-fat averages of single milkings.

Cow No. 6.
First half of milking, averaged 1.63 per cent; second half, 3.33 per cent; increase 104 per cent.
First third of milking, averaged 1.31 per cent; last third, 3.81 per cent; increase 190 per cent.
First fifth of milking, averaged 0.97 per cent; last fifth, 4.85 per cent; increase, 400 per cent.
First bottle of milking, averaged 0.60 per cent; last bottle, 7.20 per cent; increase 1100 per cent.

Cow No. 10.
First half of milking, averaged 2.30 per cent; second half, 4.37 per cent; increase, 90 per cent.

First third of milking, averaged 1.83 per cent; last third, 4.80 per cent; increase, 162 per cent.

First fifth of milking, averaged 1.44 per cent; last fifth, 5.28 per cent; increase, 266 per cent.

First bottle of milking, averaged 0.20 per cent; last bottle, 6.60 per cent; increase, 3200 per cent.

Cow No. 14.
First half of milking, averaged 3.01 per cent; second half, 4.03 per cent; increase, 33 per cent.

First third of milking, averaged 2.89 per cent; last third, 4.28 per cent; increase, 48 per cent.

First fifth of milking, averaged 2.68 per cent; last fifth, 4.57 per cent; increase, 70 per cent.

First bottle of milking, averaged 1.60 per cent; last bottle, 5.80 per cent; increase, 262 per cent.

Cow No. 15.
First half of milking, averaged 3.61 per cent; second half, 5.19 per cent; increase, 43 per cent.

First third of milking, averaged 3.22 per cent; last third, 5.48 per cent; increase, 70 per cent.

First fifth of milking, averaged 2.74 per cent; last fifth, 5.72 per cent; increase, 108 per cent.

First bottle of milking, averaged 1.50 per cent; last bottle, 6.80 per cent; increase, 353 per cent.

Cow No. 20.
First half of milking, averaged 2.71 per cent; second half, 4.26 per cent; increase, 57 per cent.

First third of milking, averaged 2.44 per cent; last third, 4.40 per cent; increase, 80 per cent.

First fifth of milking, averaged 2.14 per cent; last fifth, 4.47 per cent; increase, 108 per cent.

First bottle of milking, averaged 0.80 per cent; last bottle, 7.80 per cent; increase, 875 per cent.

An average of the results indicates that the last quarter of a pint is worth from three-fourths to one and one-half pints of the milk first drawn from the udder. This test shows that when the calf gets the last of the milk it gets the richest portion. In the case of high-testing cow this would not only

DE LAVAL CREAM SEPARATORS

Save \$10 Per Cow
EVERY YEAR OF USE
OVER ALL GRAVITY SETTING SYSTEMS

AND
\$3 to \$5 Per Cow
OVER ALL IMITATING SEPARATORS.

Now is the time to make this most important and profitable of dairy farm investments. Send at once for new 1905 catalogue and name of nearest local agent.

THE DE LAVAL SEPARATOR CO.

RANDOLPH & CANAL STS.,
CHICAGO.

General Offices:

121 YOUNG SQUARE,
MONTREAL.

1215 FILBERT STREET,
PHILADELPHIA.

74 CORTLANDT STREET,

75 & 77 YORK STREET,
TORONTO.

9 & 11 DRUMM ST.,
SAN FRANCISCO.

NEW YORK.

248 McDONNELL AVENUE,
WINNIPEG.



Far, Near,
and
Everywhere

Progressive
Dairymen
are Using

UNITED STATES SEPARATORS

for they have proven the U. S. the surest and simplest money maker for the farm. Its simple bowl, operated by strong gearing entirely enclosed in a substantial frame, is easy to turn and gets all the cream—holds world's record for clean skimming. Notice the low supply can.

There are other advantages in using a U. S. aside from its wonderfully clean skimming, that are told in our handsome booklet, "The Dairy." Send for it immediately; it's free.

Vermont Farm Machine Co., Bellows Falls, Vt.

Distributing Warehouses at Chicago, Minneapolis, Omaha, La Crosse, Wis., Sioux City, Ia., Kansas City, Mo., Salt Lake City, Utah, San Francisco, Cal., Portland, Ore., Buffalo, N. Y., Portland, Me., Montreal and Sherbrooke, Que., Hamilton, Ont.

397

ADDRESS ALL LETTERS TO BELLWALLS FALLS, VT.

Sharples Tubular SEPARATORS

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

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

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

Pierpont Morgan is hunting a place to put money at 6 per cent; here is a guaranteed 25 per cent to you. While this dividend pays your bills the Tubular makes your life more pleasant by pleasing your wife. A waist low milk vat saves your back. Simple bowl—easy to wash—the only one that is so. Automatic oiling; the only one that has. Easier to turn than others and safer. Catalog A-105 explains better.

Sharples Co.
Chicago, Illinois

P. M. Sharples
West Chester, Pa.



The Perfect Simplicity

of construction and operation is the best argument we can offer as an inducement to use the Davis Cream Separator. A child can understand it readily. Not a lot of useless gears and complicated parts or bowls—just a simple machine that will stand the racket. There are a dozen other good features in the

DAVIS CREAM SEPARATOR

that you should know. Let us send you our cream separator book. It will show you why the "Davis" is the most easily handled separator, the closest skimmer, and best all around separator you could wish for. Write for catalogue. It's free.

DAVIS CREAM SEPARATOR COMPANY.

54-64 N. Clinton St., Chicago.



CLEVELAND

This Cleveland Cream Separator is sold on the fairest and squarest plan ever devised. A fair trial on your own farm under your own conditions. The easiest to clean, the easiest to run, the best skimmer. We can save you from \$20.00 to \$30.00. Write and we will prove it to you. We will also send you a free book, telling just how the Cleveland is made and how it is sold. Write to-day. The Cleveland Cream Sep. Co., 334 Michigan St., Cleveland, O.

Don't forget the Great Lewis & Clark Exposition, Portland, Oregon, June 1, to October 15, 1905

POULTRY BREEDERS' DIRECTORY

PARK VIEW FARM
WHITE PLYMOUTH ROCK EGGS for sitting—Fine stock; farm raised. Price, \$1 for 15; special price by the hundred. Shipped by express, carefully packed, anywhere. Mrs. O. E. Walker, Route 8, Topeka, Kans.

MAMMOTH B. TURKEY EGGS—Pure-bred, farm-raised, large, healthy stock; eggs, 25 cents each. J. A. Creitz, Beloit, Kans.

FOR SALE—Scotch Collies. One male about full grown; pure stock and fine individuals, but cannot furnish pedigree. Price, \$5. Females about 4 months old, of best stock, with pedigree. Price, \$5. Hill Top Farm, Parkville, Mo.

BUFF COCHIN EGGS from prize-winning strains, \$1 for 15. H. A. Thomas, Scranton, Kans.

BARRED PLYMOUTH ROCKS—Large, pure-bred birds; have free range. Males weight 12 and 13 pounds. Eggs selected. Match well. Packed good. \$1 per 15; \$1.75 per 40; \$4 per 100. E. Bauer, Beattie, Kans.

GOLDEN WYANDOTTES—Eggs from vigorous farm raised fowls, \$1 per 15. Mrs. S. Goldsmith, Route 3, Abilene, Kans.

NEOSHO POULTRY YARDS Rose Comb R. I. Reds and Buff Orpingtons. We won two first and three seconds at Emporia, Jan. 24 and 25, 1905. Eggs, \$1.50 per 15. J. W. Swartz, Americus, Kans.

STANDARD RED SINGLE COMB BUFF LEGHORNS—Headed by first prize pen Chicago Show 1903 and took six first prizes and first pen at Newton 1904. Eggs, \$3 for 15. S. Perkins, 801 East First Street, Newton, Kans.

BLACK LANGSHANS and B. P. Rocks. Fowler and Parks strain. Eggs, \$1 per 15. Mrs. E. Forward, Clearwater, Kans.

SILVER WYANDOTTES EXCLUSIVELY—Great layers. Fine stock eggs, 15 for \$1; 30 for \$1.75. Address W. C. Koenig, First National Bank Bldg., Nortonville, Kans.

FOR SALE—Barred Plymouth Rock eggs, from 40 large, fine, rock-shaped, single-standard hens. Orchard range, mated with standard-colored males, scoring from 91 to 92.5, by Russell & Rhodes. Best eggs in the State for \$1 for 15. A. C. Rait, R. F. D. 4, Junction City, Kans.

WHITE WYANDOTTES—Eggs for hatching from choice matings, \$1 per 15; \$4 per 100. S. W. Artz, Larned, Kans.

STOCK ALL SOLD—Eggs from two grand breeding pens of B. P. Rocks, Bradley and Hawkins strains, \$2 per 15; \$5 per 30. White Rocks, \$2 per 15. Mr. and Mrs. Chris. Bearman, Ottawa, Kans.

SILVER WYANDOTTES—Winners of the blue at Kansas State Fair, 1904. Won 1st pen fowls, and 1st and 2d pen chicks. Kansas State Show, 1905, 1st and 2d pullets, 5th cockerel, 3d pen in hot competition. Eggs, \$2 per 15; \$5 per 40, expressage prepaid anywhere in United States. Several fine cockerels for sale. W. R. Comstock, Topeka, Kans.

BLACK MINORCAS—Biggest layers of biggest eggs. Eggs for hatching, \$1.50 per 15. Also at same price, eggs from choice mating of Light Brahmas, Partridge Cochins, Buff Orpingtons, Barred and Buff Plymouth Rocks, White and Silver Laced Wyandottes, Rhode Island Reds, Rose and Single Comb White and Brown Leghorns, American Dominiques, Pit Games, Houdans, White Crested Black Polish, White Crested White Polish, Buff Cochins Bantams. James C. Jones, Leavenworth, Kans.

WHITE WYANDOTTES—Large birds, farm range. Eggs, 75 per 15. Henry Harrington, Clearwater, Kans.

WHITE WYANDOTTES EXCLUSIVELY—The kind that always lay; \$34 worth sold during February from 80 hens. Eggs, 5 cents each, or \$4 per 100. S. Bailey & Wife, Route 3, Independence, Kans.

CHOICE White Wyandotte cockerels. Eggs, 15 for \$1. John Park, Route 1, Oswego, Kans.

S. C. W. Leghorns and Buff Rocks. Winners at State Fairs. Eggs, \$1 per sitting. J. W. Cook, Route 3, Hutchinson, Kans.

FOR SALE—All kinds of fancy pigeons, reasonable. Toulouse geese eggs, \$1 per sitting; Pekin and Rouen duck eggs, 15 for \$1. Muscovy duck eggs, 10 for \$1; White Holland turkey eggs, 9 for \$2; poultry eggs, 15 for \$1, from the following kinds: Barred Plymouth Rocks, Buff Cochins, Houdans, S. S. Hamburg, Cornish Indian Games, Buff, White and Silver Laced Wyandottes, Brown, White and Buff Leghorns, Golden Sealbright Bantams, Pearl and White Guineas, Peacocks. Write for circular. D. L. Bruen, Platte Center, Neb.

ROSE COMB RHODE ISLAND RED CHICKENS—Eggs from choice matings, \$1.50 per 15. Leon Carter, Asherville, Kans.

S. C. B. LEGHORNS EXCLUSIVELY—Eggs for hatching from fine pure-bred stock at \$1 per 15. Write for prices on larger numbers. J. A. Kauffman, Abilene, Kans.

WHITE PLYMOUTH ROCKS Exclusively. Two grand pens, secured stock. Eggs from my best matings, \$1.50 per 15; \$2.50 per 30. Incubator eggs, \$5 per 100. M. B. Turkey eggs, \$2.50 per 11. J. C. Bostwick, Route 2, Hoyt, Kans.

FOR BUFF PLYMOUTH ROCK eggs, from best stock, send to Gem Poultry Farm; 15, \$2; 30, \$3.50. Pure M. Bronze turkey eggs, 11, \$3. C. W. Peckham, Haven, Kans.

FOR SALE—Eggs, express prepaid, B. P. Rocks, \$1 per 15; \$4.50 per 100. S. S. Hamburgs, \$1.50 per 15; \$7 per 100. Mammoth Pekin Ducks. Also a few high-scoring Hamburg cockerels for sale. Circular giving score and full description free. Mrs. Walter Roswurm, Route 2, Council Grove, Kans.

FOR SALE—Two male Scotch collies, nearly full grown. Eligible to registry, strong in the blood of Metchley Wonder. Price, \$10 each. Geo. W. Maffet, Lawrence, Kans.

CHOICE B. P. ROCK cockerels and pullets—Collie pups; send for circular. W. B. Williams, Stella, Neb.

TO GIVE AWAY—50 Buff Orpingtons and 50 Barred Leghorns to Shawnee county farmers. Will buy the chicks and eggs. Write me. W. H. Maxwell, 921 Topeka Ave., Topeka, Kans.

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

256 TO 278 EGGS A YEAR EACH. Our Barred Rocks bred for business. Profits doubled by new methods in breeding, hatching, and feeding. Instructive catalog free. F. Grundy, Morrisonville, Ill.

RHODE ISLAND REDS—None better for farmers. Eggs, \$2 for 15; \$5 for 45. Try them. H. C. Kellerman, 3516 Smart Avenue, Kansas City, Mo.



BEE & POULTRY SUPPLIES

If you are going to use any of our products, please write to us for a circular. We will send you one free of charge. We are also agents for the famous "Cyprian" brand of honey. Write for circular. P. O. Box 100, Topeka, Kans.

The Poultry Yard

CONDUCTED BY THOMAS OWEN.

Goose Culture.

As compared with other varieties of useful poultry, there are but few geese raised; and yet those who have the proper surroundings can raise them profitably. There is always a good demand for fat geese and at very remunerative prices. The farmer who possesses a field that is rocky or hilly, through which flows a brook, or that has a pond in it, can raise them with profit for flesh and feathers, as what is termed "live geese feathers," are always in demand at a good price and the young, fattened in the fall, generally command good figures. To have them produce a good supply of feathers of the finest quality, they must have free access to water. No branch of poultry culture pays better if intelligently followed than the breeding and raising of geese. They require even in winter but little expenditure for shelter, and in summer may be pastured like cows.

A goose, well managed, pays better in proportion to the investment, than a cow. They are not, however, suited to a back lot in town, but do well on low, marshy lands or on irrigated farms. To make geese profitable, as many goslings as possible should be secured, by keeping the geese laying, and hatching the eggs under hens or in an incubator. The goslings should be grown as quickly as possible, and, like Pekin ducks, marketed when green and quite young. They should be sold during the fall and early winter, when they command the highest price. In order to get the largest number of goslings, prolific layers must be kept, as well as active ganders to insure a high percentage of fertile eggs. Quick-growing stock is also necessary. To get the highest price in market, the goslings should be white in plumage, and have yellow bills and legs as these make the best appearance. To get good size, the large breeds should be used.

To the farmer or fancier of pure-breeds, geese are more than doubly profitable, as there is always a demand for good specimens for breeding and show-purposes particularly of the Embden and Toulouse varieties. In raising geese we claim there is a right and wrong way as surely as in raising any other variety of poultry. If you would raise the largest per cent possible of the young that are hatched, and desire that they become as large as possible, it is as much a necessity that the goslings never be allowed to have access to a pond, brook, puddle or even a pan of water to sit in, as it is for the older ones to have free access to water. Give them cups to drink from, and see that they are supplied with all they want at all times, but do not allow them to swim until the breast is well feathered; and until they are well covered with feathers see that they, as well as the chicks, are under shelter during heavy showers. Remember they are "silly as geese," and unless you see that they are housed, the chances are that they will stand in some corner with heads up, squealing and crying and soaked to the skin. Be careful not to overfeed the young or they will be troubled with indigestion, weak legs, etc. Give them a pasture with plenty of grass, and feed sparingly of fattening grains. After they are well feathered, turn them out with the old ones and feed grain once daily and you will raise a large per cent of those hatched, and they will develop into large, fine specimens of the goose tribe.

Toulouse or gray geese, are the most common of the pure breeds, and lay the largest number of eggs, but they are slow growers and, not having white plumage, being loose-skinned and dark, do not sell so well dressed. The ganders are also slow and sluggish and the per cent of fertile eggs is often very low.

Embden or Bremen geese grow quicker, and being white and having orange bills and legs, look the best

when dressed, and the goslings sell at the highest price of any pure breed. The Embden, however, is a poor layer, laying not more than half the number produced by the Toulouse. They, unlike the almost non-sitting Toulouse, are persistent sitters, and good mothers, and it is harder to keep them laying, and the number of goslings secured is therefore comparatively small. Still, either of these varieties are profitable to raise and a farmer can add to his income by having a flock of geese.

Poultry Pointers.

A liberal supply of coarse sand or gravel, and a liberal feed of burnt bones pounded fine, and lime and ashes, all tend to keep hens from eating eggs.

A friend says he has noticed that the long eggs produce males, and the round ones females. But he will find that it is not always so. You can not tell from the outside of an egg, whether it will produce a rooster or a pullet. It will not pay to form a set of rules on the subject. You will not make any more money, and you will know less about it when you finish experimenting than you did before you began.

Use care in selecting eggs for hatching. Do you know which are your best hens? You could probably guess at it, but do you know which of them lays the most eggs in a year? See if you can find out. If you can, pick out their eggs for setting. Sort the eggs carefully. Reject all sharp-pointed eggs, all narrow eggs and those that are very large or very small. Aim to pick out well-shaped eggs. Breed from the best hens. Would you raise a calf from your poorest cow?

A correspondent writes: "I cured a Plymouth Rock rooster of cholera as follows: First I took him away from the other fowls and put him in a shed. Then I give him water and milk to drink, and also gave him a teaspoonful of castor oil. I mixed a little borax, a little asafoetida and a little red pepper in mutton tallow. I gave him a pill as large as a thimble every morning. I fed him wheat and parched corn. In about five days he was all right."

Many people who are reasonably intelligent have a wrong impression about eggs when they find a rotten egg among those they have bought. They feel quite sure that the egg was not fertile and complain of it. The fact that it spoils is evidence that it was once fertile, and every rotten egg at the close of three weeks' incubation indicates a fertile egg. The infertile egg, on the contrary, at the end of the period, shows but little signs of being stale, and is only aged by the process. It may not be very good to eat and yet it would be as edible as an egg exposed for the same length of time to the ordinary heat of a kitchen.

It may be diarrhea, or what is more common, constipation, that makes the chickens droop. For diarrhea, a little black pepper mixed in meal, scalded milk, or a couple of pepper pills will generally prove effective. For constipation, an abundance of green food will give relief.

To get eggs it is not necessary to feed strong stimulants such as red pepper, poultry powders, etc. Cut alfalfa or clover hay into half-inch lengths, scald it with hot water, then mix with it wheat bran and cornmeal, with a little beef-meal or dried blood added. Feed this in the morning, give sound wheat and oats for evening meal, use little corn except for male birds, growing chicks and sitting hens; it is the right food for them, but give laying hens very little corn. Once a week or oftener, parch or brown their wheat and a small portion of corn; it is a corrector and a healthy diet. Feed lean meat or liver, cooked and chopped up fine, twice a week. Poultry kept in small yards, or where they can not range much, should have gravel or grit within reach at all times, a head of cabbage to peck at, or other green food. A bundle of corn-fodder they will strip clean. A bunch of alfalfa hay is also good and will be relished by them. Feed a variety of grains. Barley, buckwheat, oats, wheat, corn, and even a little rye is relished by the fowls. Mix and alternate the kinds,

POULTRY BREEDERS' DIRECTORY

Eggs From Prize-winning S. C. B. Leghorns that are mated to win. Pen No. 1, \$1.50 per 15; pen No. 2, \$1 per 15. Get prices on larger quantities. State number wanted. F. W. Boutwell, Route 8, Topeka, Kans.

FOR SALE—White Plymouth Rock eggs, \$1 for 15. R. F. Meek, Hutchinson, Kans.

SUNNY SUMMIT FARM—Pure-bred poultry stock and eggs for sale from high-scoring varieties of S. Spangled Hamburgs, S. C. and R. C. Brown, S. C. White Leghorns, S. C. Black Minorcas. Eggs, \$1 per 15; M. B. Turkey eggs, \$2 per 9. Virra Bailey, Kinsley, Kans.

R. C. RHODE ISLAND REDS and W. P. Rocks. Eggs, \$1 to \$2 per 15. Send for circular. A. D. Williams, Route 3, Inman, Kans.

MAPLE HILL Standard-bred S. C. B. Leghorns champion layers, none better; cockerels from State prize-winners. \$1 per sitting; \$5 per 100. Mrs. D. W. Evans, Edgerton, Kans.

BARRED ROCKS EXCLUSIVELY—Thompson, Leffel and Conger strains; headed by cocks scoring 91 and over. Eggs, \$1 per 15; \$5 per 100. A few cockerels left. Mrs. Chas. Osborn, Eureka, Kans.

IMPERIAL PEKIN DUCKS—Eggs, \$1.50 per 15. Indian Runner ducks, eggs, \$2 per 14. Barton Kirby, Box 155, Sterling, Kans.

WHITE ROCK AND BARRED ROCK EGGS for hatching, 75 cents for sitting of 15, either kind. D. S. Thompson, Route 1, Welda, Kans.

S. C. BROWN LEGHORNS—The champion winter and summer layers. Also Barred Plymouth Rocks and Buff Cochins Bantams. Eggs from either variety, 85c per 15; \$1.25 per 30. L. E. Evans, Fort Scott, Kans.

BUFF ROCK EGGS—For sale at 15 for \$1; 45 for \$2.25. H. M. Stephens, Munden, Republic Co., Kans.

FILL YOUR INCUBATOR with eggs of my utility and beauty strains. Barred and Buff Plymouth Rocks, White Wyandottes, S. C. Black Minorcas, S. C. White and Brown Leghorns. Fresh eggs, carefully packed, \$5 per 100; \$3 per 50; \$1.50 per 15. James C. Jones, Leavenworth, Kans.

PLANTS FOR SALE—Strawberry, blackberry, dewberry, rhubarb, grape-vines. Write for special prices. Address J. C. Banta, Topeka, Kans.

FOR SALE—Duroc-Jersey boar pigs, full litters. Pigs right, prices right. W. A. Wood, Eldorado, Kans.

FOR SALE Four fine young Poland-China sows, bred. One serviceable boar at half price to close them out. A. P. Wright, Valley Center, Kans.

BLACK LANGSAAN EGGS for hatching \$1 per 15; \$5 per 100. Good stock. Mrs. Geo. W. Kling, Box 101, Solomon, Kans.

BUY YOUR POULTRY through us. We represent many breeders and can save you money. Oakhurst Poultry Agency, Kansas City, Mo.

GOLDEN WYANDOTTES—Winners at the Topeka Poultry Show, Jan. 1905, 1, 3 hen, 3 pullet, 2 cock, 2 cockerel. A few birds for sale. Eggs, \$2 per 15. J. D. Moore, Route 2, Blue Mound, Kans.

PURE S. C. B. Leghorn eggs, 30 for \$1; 100 for \$3. New blood. F. P. Flower, Wakefield, Kans.

INDIAN RUNNER DUCKS—Eggs, \$1.50 per sitting. Most profitable fowl raised; 200 eggs per year. Great demand for fowls and eggs. Order now. L. D. Arnold, Abilene, Kans.

WHITE WYANDOTTES—Chocolo mated and free range stock. Eggs, \$1.50 per 15. Incubator eggs, \$4 per 100. L. D. Arnold, Abilene, Kans.

SUNNYSIDE FARM—Pure-bred S. C. B. Leghorns and S. L. Wyandottes. Eggs, 15 for \$1; 100 for \$4. Also Mammoth Pekin duck eggs, 13 for 50c. Ira Campbell, Edgerton, Kans.

PURE-BRED ROSE COMB BROWN LEGHORN EGGS—15 for \$1; 50 for \$2.50; 100 for \$4. Mrs. John Holzhey, Bendena, Doniphan Co., Kans.

S. L. WYANDOTTES—Pure-bred eggs, for hatching, from choice matings, at \$1.50 per 15. Mrs. J. A. Magee, Larned, Kans.

MOTTLED ANCONAS—The best known layers eggs, \$1 per 15; \$5 per 100. Mrs. Adaline R. Gosler Matfield Green, Kans.

WHITE WYANDOTTE EGGS—For hatching \$1 per sitting; \$5 per 100. Mrs. E. F. Ney, Route 1, Bonner Springs, Kans.

EGGS FOR SALE—S. C. W. Leghorns, W. Wyandottes, \$1 per 15. W. H. turkeys, \$1.50 per 9. Embden geese, 30c each. W. African guineas, \$1 per 17. All guaranteed pure-bred. A. F. Hutley, Route 2, Maple Hill, Kans.

S. C. B. LEGHORN EGGS—Champion layers. Cockerels from State prize winners. \$1 per sitting; \$5 per 100. Mrs. D. Evans, Edgerton, Kans.

WHITE WYANDOTTES Exclusively—Pure-bred and good layers. Eggs, \$1 for 15. Stock all sold. Mrs. C. E. Williams, Irving, Kans.

BLACK LANGSHANS—Eggs from pen No. 1, 150; pen No. 2, \$1 per sitting of 15. James Bottom, Onaga, Kans.

H. M. JOHNSON Laying strain R. C. Brown Leghorn. Breeding pens selected with care in extra layers and fine points. Eggs from pens, \$1.50 per 15; \$3 per 45. Range flock, per sitting, 75 cents; \$3 per 100. Two pens S. L. Wyandottes from prize stock, \$1 per sitting. H. M. Johnson, Formosa, Kans.

BLACK LANGSHANS

Eggs from two high-scoring pens. Headed by prize-winners, \$1.50 per 15. Good hatch guaranteed. R. C. MARCH, 1313 W. Sixth, Topeka, Kans.

Rose Comb Brown Leghorns

EXCLUSIVELY.

Farm raised. Eggs, per sitting of 15, \$1. Incubator users write for special prices in 100 lots. P. H. MAHON, Route 3, Clyde Cloud Co., Kans.

Lindamood's Barred Rocks.

Prize-winners wherever shown. Four pens mated scores 90 to 92.5. Eggs, \$1.50 to \$2 per sitting. From flock, \$3 per 100. Write for circular. C. C. LINDAMOOD, Walton, Kans.

"PARTRIDGE COCHINS"

A few extra nice cockerels for sale. Pure-bred and only \$1 each. R. J. CONNEWAY, - Elk City, Kans.

BARRED PLYMOUTH ROCKS

EXCLUSIVELY.

"Superior Winter Laying Strain" noted for size and quality. Sixteen years' careful breeding. Eggs, 15 for \$1; 80 for \$1.50. E. J. Evans, Box 21, Fort Scott, Kans.

POULTRY BREEDERS' DIRECTORY.

Rose Comb Rhode Island Reds
and Barred Plymouth Rocks

Have sold all the breeding stock I can spare, but can furnish eggs for hatching at a very low price from a winter strain of layers that have laid all through the zero weather in January and February. First prize winners at Lawrence and Topeka fairs. Write for circular and list of matings, telling you how we can produce fertile eggs so low. Italian bees for sale.

H. A. SIBLEY, Lawrence, Kans.

"A NINE TIMES WINNER"

Bates Pedigreed Strain of White Plymouth Rocks have been shown in nine poultry shows the past two years and

Won in Every One of Them.

If they win for us, their offspring ought to win for you. Eggs, \$1.50 per 15. Elmwood strain of White Wyandottes also hold their own in the show-room. Eggs, \$1 per 15.

W. L. BATES, Topeka, Kansas.

WEISS CHICK FEED

A complete food for newly hatched chicks, the best and cheapest in the West. Alfalfa stock food. Alfalfa mash egg food. Poultry supplies. Send for circular.

OTTO WEISS ALFALFA MEAL CO.
WICHITA, KANS.White Plymouth Rocks
EXCLUSIVELY.

Good for Eggs, Good to Eat, and Good to Look at

W. P. Rocks hold the record for egg-laying over every other variety of fowls; eight pullets averaging 280 eggs each in one year. I have bred them exclusively for twelve years and have them scoring 94 to 96%, and as good as can be found anywhere. Eggs only \$2 per 15; \$5 per 45, and I prepay expressage to any express office in the United States. Yards at residence, adjoining Washburn College. Address THOMAS OWEN, Sta. B, Topeka, Kans.

EGGS AT
BARGAINS

Buff Orpingtons. Partridge Cochins.
Black Langshans. Light Brahmas.
Barred P. Rocks. White Wyandottes.
Buff P. Rocks. Buff Leghorns.
C. I. Games. R. I. Reds.

All high-class stock of the best strains. For prices on larger or smaller lots write,

T. J. PUGH,
Fullerton, - Neb.

RELIABLE
is a word that stands for the best Incubators and Brooders in the world. Each has special distinguishing features. Send 10c postage for Book No. 19, just out, giving guarantee of money back if incubator is not satisfactory. Reliable Incubator and Brooder Co., Box B-62 Quincy, Illinois.

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

OLD TRUSTY.
Incubator Johnson's crowning work was made after he had made 50,000 other machines.
40 Days Free Trial. 5 Years Guarantee.
Johnson has dug to the bottom of poultry raising. Old Trusty runs itself. Get his FREE Catalog and Advice Book.
M. M. JOHNSON CO., Clay Center, Neb.

CHICKS
...that are hatched in...
IOWA ROUND INCUBATORS
come in big numbers and are healthy and strong. Anyone can see why if they read our catalogue. Even Heat and Exact Regulation do the work right. Catalogue is Free, Ask for it. Iowa Incubator Co. 480 Locust St. Des Moines.

DO YOU KEEP BEES?
Then learn how to make them pay by sending for our large illustrated FREE catalog for 1905, showing the latest up-to-date hives, and all other goods used by progressive bee-keepers.
JOS. NYSEWANDER,
565-567-569 7th St.,
Des Moines, Iowa.

BEE SUPPLIES

Now is the time to buy your Bee and Poultry supplies, large stock, lowest prices. We are Western agents for the Cyphers Incubator Brooders, etc., at factory prices. Write to-day for catalogue.
TOPEKA SUPPLY HOUSE,
632 Quincy St., Topeka, Kansas

Made where used. No freight charges. Simple of construction. Excell in beauty, convenience and strength. Costs little more than oak or locust, will last for all time. Renders universal satisfaction. Reliable men wanted who can work territory. Descriptive matter free. Address with stamp,
ZEIGLER BROS., Hutchinson, Kans.

so that no two meals may be alike; this will keep their appetites keen and sharp. Some may think this is too much trouble, but unless good care is taken with poultry, they will not shell out the quantity of eggs they should.

Poultry Notes.

N. J. SHEPHERD, ELTON, MO.

Large male birds on small hens are apt to produce long-legged stock, while small males on large hens give short legs and fine bodies.

Do not use small poles for roosts. Flat strips at least two or three inches wide and two inches thick, if planed smooth, are much the best.

Give hens all possible freedom and there will be less trouble with soft-shelled eggs; the exercise and the lime they will pick up in various forms are both essential in overcoming this trouble.

Let the extra feeding be given the chickens at night, after they have been prompted by the appetite to do the necessary roaming for insects and have acquired the needed amount of exercise.

To a very considerable extent it is the mother that influences the internal qualities. A good layer, if mated in the right way, will impress the desirable quality upon her progeny.

If the hens stop laying at this time of the year, a change of feed will start them to laying again. Always and with every variety of hens variety of feed brings the best results.

White ducks or geese are not subject to disease yet they will become lame and droopy if too closely confined in damp quarters. Turkeys must have a good range to be profitable at all. They are good foragers and good insect destroyers.

Geese live many years and it is of no advantage to sell off the old stock, as they are best for breeding purposes. If a change is made, however, old ganders should be mated with young geese and young ganders with old geese.

Early layers depend upon the stock and upon the way they are raised. Pullets from stock long bred for early mating will, provided they are kept growing from the start, lay earlier in life than those from stock which has been bred chiefly for other purposes.

Equally good results can not be had with the poultry every year. Some seasons do not seem to be wholly favorable, and although the business may be managed with just as much care as usual, the returns will not be equally satisfactory at all times.

Grange Department

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

All communications for this department should be addressed to Mrs. Kittle J. McCracken, Station B, Topeka, Kans.

The Kansas Farmer is the official paper of the Kansas State Grange.

NATIONAL GRANGE

Master..... Aaron Jones, South Bend, Ind.
Lecturer..... N. J. Bachelder, Concord, N. H.
Secretary..... C. M. Freeman, Tippencanoe City, Ohio

KANSAS STATE GRANGE

Master..... E. W. Westgate, Manhattan
Overseer..... A. P. Reardon, McLouth
Lecturer..... Ole Hibner, Olathe
Steward..... R. C. Post, Spring Hill
Assistant Steward..... Frank Witzell, Ochiltree
Chaplain..... Mrs. M. J. Ramage, Arkansas City
Treasurer..... Wm. Henry, Olathe
Secretary..... George Black, Olathe
Gatekeeper..... G. F. Kyner, Newton
Ceres..... Mrs. M. L. Allison, Lyndon
Pomona..... Mrs. S. M. Phinney, McLouth
Flora..... Mrs. S. J. Lovett, Larned
L. A. S..... Mrs. Lola Radcliffe, Overbrook

EXECUTIVE COMMITTEE

Henry Rhoades, Chairman..... Gardner
E. W. Westgate..... Manhattan
Geo. Black, Secretary..... Olathe
J. T. Lincoln..... Madison
O. F. Whitney..... Topeka, Station A

STATE ORGANIZER

W. B. Obryhim.....Overbrook

Grange Topics for Kansas—1905.

The following list of questions will be sent to every subordinate grange in this State, and it is the duty especially of the lecturer, but also of every member, to see that they are thoroughly, carefully and intelligently discussed until a conclusion is reached, which conclusion should be reduced to writing and sent in the form of a report to Ole Hibner, State Lecturer, Olathe, Kans.

It is earnestly hoped that this will not be neglected by any grange in the

State. It is our first effort at systematic lecture and Grange educational work, and the interest of every member of the order of Patrons of Husbandry in the State of Kansas will be benefited materially by a thorough, intelligent and complete report from the subordinate granges of the entire State.

GRANGE TOPICS, SECOND QUARTER 1905.
(SEE NATIONAL TOPICS.)

April.—(1) Would it be advisable to establish an independent cooperative telephone system, each town having free connection with other towns; and if established, upon what financial basis should it be conducted? (2) What action could the State Grange take to encourage literary and educational work in the subordinate grange meetings?

May.—(1) Would the general interest of the Grange and its membership profit by organizing a life insurance company? What relation should such a company bear to the order of Patrons of Husbandry? What would be the most practicable system of organization? (2) Should the Grange publish a small monthly periodical devoted to the interests of the order and its work and embodying a question and answer department, at a subscription price not to exceed ten cents per year?

June.—(1) Should the Grange or members of the Grange attempt to organize a cooperative packing plant? If so, what would be the capital stock, location, etc., and how shall we proceed to institute the organization? (2) Should each subordinate grange be visited once or twice a year by some officer of the State Grange who would review the work, report the general condition of the order, answer such questions as the members might desire to ask, etc.? How should such officer be compensated?

THIRD QUARTER.

July.—(1) To what field should co-operation be limited? Should it stop with merchandising, retail, or even wholesale, or should cooperative manufacturing associations be established? (2) How could the granges in Kansas organize for a systematic yearly course of picnics? How should the territory be districted?

August.—(1) What subjects might be beneficially stricken from our school curriculum in order that our students may have their minds concentrated upon the subjects essential to their welfare and learn them thoroughly? (2) What is your grange doing to encourage young people to join and attend? How can you make your meetings most interesting and instructive for them?

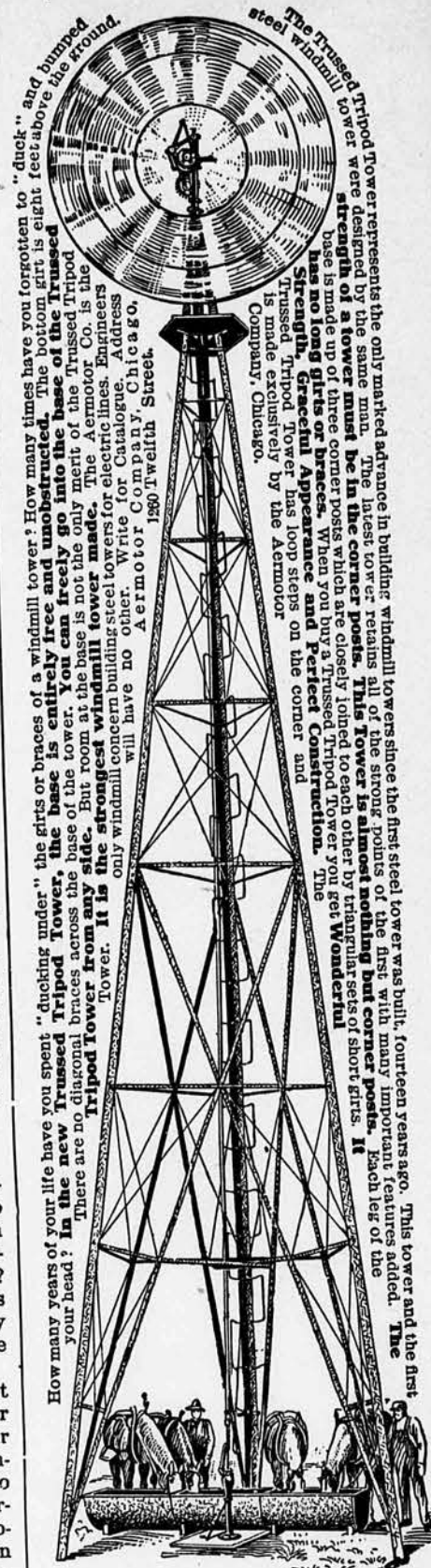
September.—(1) What can Grange members in local districts unite in buying and selling in wholesale quantities to their own financial advantage? What effort has your grange made along that line? (2) Should the initiation fee be increased in order to place the State Grange on a financial basis that will enable it to do more missionary, legislative committee, lecture, inspection work, etc.?

FOURTH QUARTER.

October.—(1) Would it be advisable for a grange whose membership carries a large volume of insurance to send, at their own expense, a representative to the annual meeting of the Patrons' Fire and Tornado Association? (2) Under the present initiation fee how might the Grange be financed sufficiently to enable it to work more efficiently along missionary and educational lines?

November.—(1) What action could the State Grange take to further the interests of the Patron's Fire and Tornado Association? (2) What change could be made in the constitution and by-laws of the Kansas State Grange at its next meeting to benefit the membership and increase it?

December.—(1) What change should be made in the rules and regulations of the Patron's Fire and Tornado Association? (2) What arrangement can be made for the January installation of officers that will stimulate the action of the Grange in its efforts to enhance the welfare of the Patrons of Husbandry?



HEAD ROOM
PUMP ROOM
TANK ROOM
STOCK ROOM
STOCK PROOF

THE FISH BRAND SLICKER
A VALUED FRIEND

"A good many years ago I bought a FISH BRAND Slicker, and it has proven a valued friend for many a stormy day, but now it is getting old and I must have another. Please send me a price-list."

(The name of this worthy doctor, obliged to be out in all sorts of weather, will be given on application.)

HIGHEST AWARD WORLD'S FAIR, 1904.

A. J. TOWER CO.
Boston, U. S. A.TOWER CANADIAN
COMPANY, Limited
Toronto, Canada

Wet Weather Clothing, Suits, and Hats for all kinds of wet work or sport

POULTRY SUPPLIES

Thanolice (lice powder).....25c
Oreo-carbo (lice killer).....50c
Egg Maker.....25c
Poultry Cure.....25c
Roop Pills.....25c
Medicated Nest Eggs.....5c
Conkey's Roop Cure.....50c
Buckeye Cholera Cure.....35c

OWEN & COMPANY

520 Kansas Ave., Topeka, Kans.

WEEKLY WEATHER CROP
BULLETIN

Weekly weather crop bulletin for the Kansas Weather Service, for the week ending April 18, 1905, prepared by T. B. Jennings, Station Director.

GENERAL CONDITIONS.

The week has been cool, the temperature ranging below normal, with two cold waves crossing the State, the temperature falling to 15° above zero in the northwestern counties and to freezing in the eastern. The precipitation has been light except in the extreme northeastern counties. It was partly snow, with quite a snowstorm night of the 14th.

RESULTS.

EASTERN DIVISION.

Wheat is in very good condition except in Brown County, where the fly appears to have injured it somewhat. Oats show a good stand though the cool weather has prevented rapid growth this week. A large acreage of corn has been planted and more ground is being prepared for corn. The early planted corn is coming up in the southern counties. Apples, cherries, pears and plums are in bloom. Peaches were not all killed in Brown, and are in blossom in Jefferson. Strawberries have bloomed well in the southern counties but are reported injured by frost in Riley County. Blackberries appear to have been winter killed. Potatoes are up in Riley and coming up in Johnson County. Alfalfa has made a good growth this week. Cattle are doing well on pasture in the southern counties. The ground is in fine condition.

Allen.—Farmwork is progressing; corn mostly planted and ground in good condition. Atchison.—Crops are in good condition. Bourbon.—The ground is in very good condition for farmwork; wheat is in fine condition; large amount of corn planted and oats show a good stand; full crop of strawberries expected but the crop of blackberries will be small on account of the cold weather; a little too dry for truck gardens.

Brown.—Crops of all kinds made poor growth; some corn planted although delayed by cool weather; pastures need rain; oats are making poor growth; wheat looks fairly well, but somewhat injured by fly; fruit is in full bloom; peaches not all killed.

Chase.—All crops in good condition; corn-planting is not finished; gardens are doing well and grass is green.

Chautauqua.—Wheat is in fine condition; oats and grass are growing well; about one-half of corn-planting is completed; strawberries are

Shawnee.—Ground is in good condition and farmwork is progressing well; peaches, plums, and early apples are in bloom and cherries are commencing to bloom; very good prospect for fruit; small amount of corn planted; some stock in pasture.

Wabunsee.—Wheat is in very good condition and alfalfa is making fine growth; large acreage of oats sown and looking well; much corn has been planted; grass starting slowly.

Woodson.—Corn-planting is well advanced and early planting is coming up; radishes, lettuce, and pie-plant are on the market; oats are looking well.

Wyandotte.—Vegetation retarded by cool weather.

MIDDLE DIVISION.

Wheat generally is in very good condition but is now beginning to need rain in several counties; in the southern part of Summer it has not been in every fair condition and many fields are now being plowed up. Oats are up and give good promise, though the crop is beginning to need rain in some counties. Barley is up and doing well. Corn-planting continues in the southern and central counties and is beginning in the northern. Alfalfa is in very good condition. Wild grass has made but little progress during the week, too cold. Potatoes are about all planted, and in McPherson are coming up. The ground generally is in good condition and plowing is progressing. Gardens were injured by the cold weather and it is feared that fruit has been hurt.

Barton.—Farmwork is well advanced; corn-planting is in progress and oats and barley are up.

Butler.—Corn-planting is in progress and probably one-fourth of the corn ground has been planted; alfalfa and wheat are looking well and about half of the fruit of all kinds are looking well except peaches and pears.

Clay.—Oats are up and are in good condition; rain would be beneficial, however, to both wheat and oats; corn-planting is in progress; fruit prospects are not good and cold weather has damaged early gardens.

Cloud.—Wheat is in good condition and oats are growing rapidly; corn-planting is still in progress; cold weather has been destructive to peaches and apricots and has badly damaged plums, pears and early apples.

Cowley.—Wheat and oats are looking well; small acreage of late-sown wheat plowed up; more than one-half corn ground has been planted; apple-trees are in full bloom and give promise of good crop; grass is starting slowly and vegetation has been generally delayed on account of cool weather.

Dickinson.—Crops practically at a standstill on account of low temperature; all kinds of early fruits are in full bloom, but were somewhat damaged by the cold weather; corn-planting is in progress; grasses and alfalfa are growing slowly.

Ellsworth.—Wheat is in good condition;

Washington.—Wheat, rye, and alfalfa are in good condition; oats are not growing very fast; apples and plums are in bloom.

WESTERN DIVISION.

Winter wheat is in fine condition, except in the northeast part of Thomas County. A large acreage of oats has been sown and the oats are coming up, but some fields have been injured by the cold. Corn-planting and listing are progressing in several counties, while in others plowing for corn is in progress. Barley presents a fine stand, though in Thomas it has been injured by the cold weather. Alfalfa generally is in fine condition, but in Decatur County it was injured by the freeze this week. Potatoes are sprouting. Range grass has started well. It is feared that gardens and fruit-trees have been hurt by the cold.

Decatur.—Winter wheat is in very good condition; alfalfa and fruit-trees damaged by cold weather; farmwork well advanced.

Finney.—All crops are well advanced for the season; large acreage of barley and oats planted; wheat in fine condition; range-grass started well.

Greeley.—Good week for farming. Kearny.—Wheat and barley are doing well; pastures are in good condition; corn-planting about to commence.

Lane.—Too cold for vigorous growth of spring crops; sod is being broken to a large extent; potatoes are all planted and are sprouting.

Morton.—Grass is in good condition and cattle are doing well; some oats have been sown and are coming up; sod is being broken in a few cases.

Ness.—Favorable week for farmwork; small grain and pastures improving, although rain would be beneficial to all kinds of vegetation; tame and wild plums are in bloom; alfalfa is looking well; corn-listing is in progress and much sod is being broken for spring crops; live stock is improving.

Sheridan.—Wheat, one week ago, showed a great many yellow spots, but these have nearly all disappeared; corn-planting will commence next week.

Thomas.—Wheat is in fine condition except in the northeastern portion in the county, where damage to this and other crops is reported on account of cold weather; damage to wheat, barley, oats and fruit-trees has occurred in the northeastern portion; corn-planting has begun.

Trego.—All small grains are looking well; plowing for corn is in progress and some has been planted; fruit has been injured.

Wallace.—Wheat, barley and oats are doing well; barley-sowing is still in progress; early plums are in bloom, but there is probably some damage to early fruits on account of frost; grass is doing well but growth has been delayed by cold weather; cattle are in very good condition.

E. D. King's Meadow Brook Herd.

(Continued from page 417.)

almost without exception, his stock, in size and quality, and the desirable characteristics of the breed, are much above the ordinary. The young stock, produced under Mr. King's care, was, at the time of my visit, in prime condition, and appeared equal in every respect, and in the case of a few individuals, superior to the older animals he had bought in from other herds, some of them showing unusual promise, it seemed to me.

Mr. King is also a breeder of prize-winning Rambouillet sheep. His flock is not large, nor at present, of course, in "show" condition, but contains some fine specimens of the breed.

Moran, Kans. H. A. IRELAND.

McLaughlin's New Importation.

McLaughlin Bros., of Kansas City, Columbus, and St. Paul, write: "Our first importation for 1905, consisting of forty-two Percherons and Belgians, arrived home safely Tuesday afternoon. Every horse that started from France is now well in our stables."

"Mr. James McLaughlin has been in France nearly all of the present year and has bought every good stallion he could find there for sale. He still remains on the other side and will continue to buy every good horse that he can learn of for sale."

"His policy is to buy the best regardless of cost and because we believe that the best is none too good for the enterprising American farmers and breeders."

Gossip About Stock.

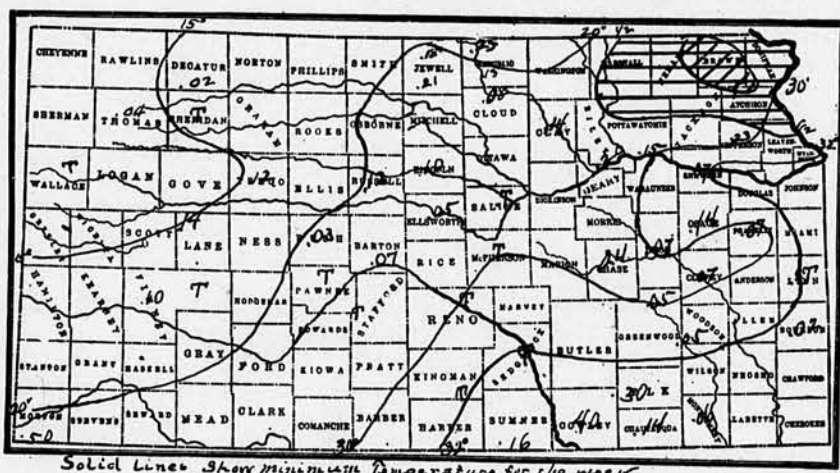
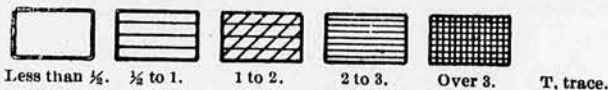
Readers of the Kansas Farmer who are interested in the improvement of horses on the farm (and this means everybody), will note with interest the change in advertisement of the Whitewater Falls Stock Farm, owned by J. W. & J. C. Robinson, Towanda, Kans. This great herd of Percherons is now stronger than ever before. Since their victory at the World's Fair the Robinsons have done much to improve the quality of the whole herd by the purchase of a noted stallion to assist Casino at the head of the herd. Almost all of their young stallions have been sold except those which they do not care to part with at this time. Read their advertisement on page 428.

We have received a copy of the Prussian Farmer's and Stockman's Handbook, printed and published by the Prussian Remedy Company, St. Paul, Minn. The book contains 128 large-sized pages, well printed and illustrated, and our examination shows that it is filled with valuable information for the farmers and stockmen and their wives. It is indeed a cyclopedia which every stock-owner should have in his household for reference and use. We have seldom seen so much useful information printed within so small space. The book is well worth a dollar, but the publishers give it free to their patrons. Address Prussian Remedy Company, St. Paul, Minn.

Ross & Ferrell, of Farragut, Iowa, the seed-corn men, are having a record-breaking season in seed-corn sales. The orders for their special varieties are pouring in. Every young man in the county wants to beat that big husking record of last year. It is well to remember that the parties who raised the big field of corn planted Ross & Ferrell's seed-corn. An order sent them will receive prompt attention.

W. W. Vansant & Sons, Farragut, Iowa, seed-corn experts and dealers in the best corn, are reaping the reward of doing right by their customers. Mr. Vansant says he would rather never sell a bushel of corn than sell any farmer a peck of poor seed-corn. If you have not yet ordered your seed-corn send your order to W. W. Vansant & Sons, Farragut, Iowa. Ask him what kind of corn you ought to plant in your section and he will tell you and sell it to you right.

Rainfall for Week Ending April 15, 1905.

SCALE IN
INCHES:

growing very well and there is an abundance of garden truck; apples are doing well; cattle are now on the range.

Coffey.—Weather too cool for growing crops; fruit somewhat damaged by frost.

Crawford.—Wheat and oats are doing well, although the weather has been somewhat cold for growing crops; about one-third of corn-planting completed and some is up; strawberries are blooming; blackberries are winter killed; gardens growing slowly and have suffered some damage from hail; apples, cherries and plums are in bloom.

Doniphan.—Cold weather has delayed and caused some damage to growing crops.

Douglas.—Wheat is looking well but vegetation has been delayed by cool weather.

Elk.—Growth of crops delayed by cool weather but early planted corn is coming up; nearly all stock is in pasture.

Franklin.—Spring work advancing rapidly; corn-planting is in progress and a large amount of this work is completed; flax is about all sown; pears, plums and cherries are in bloom but have experienced cold weather.

Geary.—Very good growth of wheat; large amount of corn is being planted; oats growing slowly but shows a good stand and is in healthy condition; grass somewhat retarded on account of low temperature; garden products growing slowly.

Greenwood.—Farmwork progressing well; wheat is in very good condition and garden truck is growing rapidly.

Jefferson.—Crops are in fair condition; peach-, cherry-, and plum-trees are blossoming; cold weather injured those in bloom but the buds escaped the injury.

Johnson.—Wheat is in good condition; potatoes are coming up; corn-planting approaching completion; not many apple-trees in bloom; pie plant and asparagus are large enough to use.

Linn.—Wheat is in good condition and corn-planting is in progress, although growth of crops has been delayed by cold weather.

Lyon.—Wheat doing very well; corn-planting in progress.

Marshall.—Wheat, oats, and grass are all doing well; small fruits probably damaged somewhat by cold weather and corn-planting has been delayed by the same cause; ground is in good condition for farmwork.

Montgomery.—Wheat, oats, and grass are doing well and a large acreage of corn is planted, although growth has been retarded by cool weather; alfalfa is one foot high; stock is in pasture.

Osage.—Wheat, corn, oats, and grass are in good condition; weather too cold for growth of garden truck.

Pottawatomie.—Wheat is looking well; oats are up but need rain; alfalfa has started well; gardens are in good condition; killing frosts of late but extent of damage unknown.

Riley.—Wheat looks well and oats show a good stand, although cold weather has delayed vegetation; early potatoes are up; strawberries injured by frost; ground needs rain.

ground is being prepared for corn; fruit probably damaged by frost.

Harvey.—Wheat and oats are doing well; corn-planting is in progress and the ground is in fine condition.

Jewell.—Crops are doing well; wheat and alfalfa are in very good condition and give promise of fine crop; potatoes have been planted; grass starting.

Kingman.—Wheat, oats and barley are in good condition and corn-planting is near completion; alfalfa and grass are doing well.

Lincoln.—A large amount of corn has been planted and some plowing has been done; cold weather damaged all fruits except apples; gardens suffered injury from cold.

McPherson.—Wheat continues to grow and looks very well; oats are in good condition; grass is growing and alfalfa is a foot high; potatoes are coming up; corn-planting is in progress.

Marion.—Weather favorable for planting corn; wheat is looking well but oats need rain; pasture and alfalfa is in good condition.

Osborne.—Prospect for wheat very good; height six inches and has good color; alfalfa has about the same height; corn-planting is in progress; grass is starting well.

Ottawa.—Wheat and oats look fairly well; corn-planting in progress; alfalfa doing very well; small crop of peaches expected but the prospect for other fruits is good; cattle are looking fairly well.

Pawnee.—Wheat is looking well but would be benefited by rain; corn-planting is in progress and the ground is in good condition.

Phillips.—Wheat, rye, and alfalfa are looking well; early garden truck and fruit damaged by frost.

Pratt.—Wheat is in very good condition and none is being plowed up; large amount of corn is being planted.

Reno.—Apple-trees are in bloom and there are a few scattered peach blossoms; wheat is looking well but would be benefited by rain; oats are up and look well; the ground is in good condition for listing corn, which is progressing rapidly.

Republic.—Wheat and alfalfa are looking well; plum-trees are in bloom; oats look well but are needing rain.

Rush.—Wheat is in good condition but is in need of rain.

Russell.—Crops are in good condition except in the northeast portion of the county where rain is needed for growth of wheat and cold weather has been injurious to alfalfa.

Saline.—Corn-planting is in progress; apples are in bloom; fruit somewhat damaged by frost.

Sedgwick.—Ground is in good condition and farmwork is progressing rapidly; wheat looks well; almost all corn has been planted.

Stafford.—Cold weather for growing crops, but wheat, oats, and barley are doing well.

Sumner.—Poor prospect for wheat and much is being plowed up; ground is in good condition and nearly all corn ground is listed; corn-planting is in progress; all kinds of fruit are in good condition except peaches.

Horse Owners! Use
GONBAULT'S
Caustic
Balsam

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

RIDING CULTIVATORS with harrow Attachment for listed corn. Cuts the Weeds. Cultivates and Harrows all at one operation. Price \$5.00. Catalogue free showing cultivator at work. New Process Mfg. Co., Lincoln, Kans.

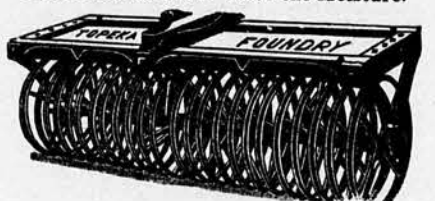
We Can Save You Money

Write to the Union Implement & Hardware Co., for samples of Amber and Orange Cane, German Millet and English blue grass seeds.

Union Implement & Hardware Co. Independence, Kansas

Make Rain When You Need It.

Pack Your Ground. Save the Moisture.



By getting an early start and a full stand your crop is assured.

TOPEKA FOUNDRY PACKER WILL DO IT.
TOPEKA FOUNDRY, - TOPEKA, KAN.

Fistula
and
Poll
Evil

Do yourself what horse doctors charge big prices for trying to do. Cure Fistula or Poll Evil in 15 to 30 days.
Fleming's
Fistula and Poll Evil Cure
is a wonder—guaranteed to cure any case—money back if it fails. No cutting—no scar. Leaves the horse sound and smooth. Free Book tells all about it—a good book for any horse owner to have. Write for it.
FLEMING BROS., Chemists,
812 Union Stock Yards, - Chicago, Ill.

ONE-WAY RATES

VIA

UNION PACIFIC

FROM

Missouri River Terminals

(Kansas City to Council Bluffs, Inclusive)

EVERY DAY

March 1 to May 15, 1905

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

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

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

\$25.00 to Ashland, Roseberg, Eugene, Albany and Salem, including branch lines in Oregon.

\$22.50 to Spokane and intermediate O. R. & N. points; to Wenatche and intermediate points.

\$20.00 to Butte, Anaconda, Helena, and all intermediate main line points.

\$20.00 to Ogden and Salt Lake City, and intermediate main line points.

For fuller information call or address nearest Union Pacific Agent.

The Markets

Kansas City Grain Market.

Millers and shippers bought a few cars of Turkey wheat early at steady to 1/4c higher prices. For the medium and low grades the demand was light and the movement slow. Prices were generally unchanged. Receipts were moderate. The railroads reported 105 cars of wheat received, compared with 108 cars a week ago and 58 cars a year ago. Sales of car lots by sample on track, Kansas City: Hard wheat—No. 2, 1 car \$1.08, 3 cars \$1.07 1/2, 1 car \$1.07, 1 car \$1.02. No. 3 hard, 1 car \$1.05, 2 cars \$1.04 1/2, 1 car \$1.04, 1 car \$1.03, 2 cars \$1.02 1/2, 1 car \$1.02, 4 cars \$1.01, 1 car \$1.00 1/2, 1 car \$1.00 1/4, 3 cars \$1, 4 cars \$98c, nominally 98c@1.05. No. 4 hard, 2 cars \$98c, 1 car \$98c, 1 car \$95c, 1 car \$94c, 5 cars \$93c, 3 cars \$92c, 3 cars \$91c, 2 cars \$88c, 1 car \$87 1/2c, 1 car \$75c, nominally 75c@99c. Rejected hard, 1 car \$65c, 1 car corn mixed 66c, nominally 66c@75c. Soft wheat—No. 2 red, nominally \$1.02@1.03. No. 3 red, nominally 95c@1.05. No. 4 red, 1 car \$95c, 1 car \$94c, 1 car \$90c, 2 cars \$73 1/2c, nominally 75c@99c. Live weevilly red, 1 car \$75c.

Elevators bid 1/4c lower for mixed corn. Most sales were made to local distributors at 1/4c to 1/2c decline. Trade was slow. Receipts were light. Prices for white were steady to 1/4c lower. The railroads reported 83 cars of corn received, compared with 109 cars a week ago and 36 cars a year ago. Sales of car lots by sample on track, Kansas City: Mixed corn—No. 2, 3 cars yellow 46c, 1 car 45 1/2c, 8 cars 45 1/4c, 20 cars 45c; No. 3, 8 cars 45c, 1 car 44 1/2c; No. 4, nominally 40@44. White corn—No. 2, 1 car 46c, 1 car 45c; No. 3, nominally 45 1/2c.

Good oats were in fair demand at steady prices, but poor samples were neglected. Receipts were light. The railroads reported 10 cars of oats received, compared with 15 cars a week ago and 8 cars a year ago. Sales of car lots by sample on track, Kansas City: Mixed oats—No. 2, 3 cars color 31 1/2c, 2 cars color 31 1/4c, 2 cars 31c; No. 3, nominally 29 1/2c@30 1/2c. White oats—No. 2, 1 car 32 1/2c, 1 car 32c, 1 car 31 1/2c; No. 3, 2 cars 31 1/2c.

Corn-chop—Nominally 84c, in 100-lb sacks.

Timothy—Nominally \$2.55 per 100 lbs. Flaxseed—Nominally \$1.17. Bran—1 car 71c, in 100-lb sacks. Shorts—Nominally 72c, in 100-lb sacks. Millet—German, \$1.40@1.50; common, \$1.25@1.35 per 100 lbs. Red clover and alfalfa—\$9@11.50 per 100 lbs. Cane-seed—Nominally \$1.50@1.52 1/2 per 100 lbs. Kafir-corn—Nominally 65@70c per 100 lbs. Linseed cake—Car lots, \$27 per ton; ton lots, \$28; per 1,000 lbs, \$15; smaller quantities, \$1.60 per cwt. Bulk oil cake, car lots, \$26 per ton. Castor beans—\$1.35 per bushel, in car lots. Oat-feed—1 car 52 1/2c per cwt.

Kansas City Live-Stock Market.

Kansas City, Mo., Monday, April 17, 1905.

Last Wednesday was the high day of the week on all kinds of cattle, except that topy heifers and cows held up strong till the end of the week. Beef steers lost 10@15c, and stockers and feeders 20@30c. Receipts after Tuesday were heavier at all the markets, but the principal cause of the loss was smaller orders from consuming centers. The price of retail meat was raised 2@4c last week, materially cutting down consumption thereof, which shut off a certain percentage of orders for fresh meats. Fat steers are now selling \$1@1.25 higher than this time a year ago, and stockers and feeders 60@75c higher than then. Not only that, but most traders look for another rise of 25@50c between now and the middle of May.

Supply of cattle to-day is not excessive at any point, market steady to a shade lower than Friday, and not much different from last Monday. The top last week for heavy cattle was \$6.60, which was duplicated to-day. Some coming 2-year-old 1,200-pound Angus steers sold at \$6.75 last Wednesday. Heifers sold up to \$5.65 for car loads last week, and \$6 for a few head, good to choice ones \$5.25@5.50. Best heavy cows bring \$4.25@5, and bulk of she stuff \$4@5.25. When fat steers began to lose ground last Wednesday, demand for stockers and feeders dropped off, and prices closed the week 15@25c lower than close of previous week. Market steady to-day for them. Bulk of desirable country cattle sell at \$3.75@4.65, tops each day last week for both stockers and feeders \$5@5.25.

Hog prices wavered around the \$5.45 mark for tops all last week, but medium weights sold a shade higher, and average gain for the week was 6c per cwt. Receipts in the West to-day are light, but Chicago comes in with 53,000 head, and market 10c lower, so that prices here are 5@10c lower. Top price to-day \$5.37 1/2, bulk of sales \$5.25@5.35, choice mediums and heavy weights about alike, light hogs up to \$5.30.

Moderate receipts enabled sheep salesmen to add 10@15c to prices late last week. Run to-day is 4,000 head, market steady. Packers seemed to take more interest after middle of last week. Prices ranged last week, included both clipped and woolled stock, lambs \$5.75@6.35, yearlings \$6.35@6.60, wethers \$5.55, ewes \$4.50@5.65. Quality was medium, and choice stuff in any class would bring more.

J. A. RICKART.

South St. Joseph Live Stock Market.

South St. Joseph, Mo., April 17, 1905.

The week opened up with only a limited supply of fat steers on the market and regardless of the fact that Eastern markets ruled lower, the trade here was steady to strong on kinds sellings from \$6@6.35, and strong to 10c higher on hay-fed and short-fed steers selling at \$5.95 and under; no ripe, heavy steers were on sale. The demand was good from all sources and many more could have been sold to advantage. Cows and heifers were in very small supply and generally of common to fair quality; pretty decent kinds of heifers and steers mixed that ran largely to heifers sold up to \$5.45 and light weight heifers and steers, most-

Special Want Column

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

CATTLE.

FOR SALE—Registered Jersey bull calves, all ages, ready for service, prices \$25 to \$50. All sired by "Financial Count," (bred by Wm. Rockefeller, the Standard Oil millionaire), from imported sire and dam. Both Island prize-winners, dam being winner in class two years over the Island of Jersey. Sire's dam gave 62 pounds of milk daily (59 in public test of several days) and is dam of eight cows whose average daily milk record is 45 pounds, all with public butter records. "Count's" dam and four generations back, gave from 22 to 26 quarts daily, and all had butter records. The dam of "Count's" sire (Blue Belle) sold last year for \$3,500, and was also a great Island winner. Some calves are from daughters of Stoke Pogis Marigold, whose dam and sire's dam were 25 pound cows. Later will have bull calves of "Son of Bessie Lewis," whose dam has authenticated butter record of 32 pounds in seven days, and will sell last six "foundation" cows in herd and young bull. Write what you want to Sayda Polo Jersey Farm, Route 6, Parsons, Kansas.

FOR SALE—Seventeen registered Angus bulls, 10 to 20 months old; also a number of cows and heifers at reasonable prices. Will sell my herd bull. Address A. L. Wynkoop, Bendena, Kans.

FOR SALE—Several good red thoroughbred non-registered Shorthorn bulls, 16 months old and in good condition. Price for the choice, for the next 10 days, \$50 each. Come and see them at once and get a bargain. A. F. Huse, Manhattan, Kans. Phone at residence.

RED POLLED BULLS—For sale; all ages, fine ones, just what you are looking for. H. L. Pellet, Eudora, Kans.

FOR SALE—Registered Aberdeen-Angus, 17 bulls, 10 to 20 months old, or would exchange. Also a number of cows and heifers at reasonable prices. 90 head in herd. A. L. Wynkoop, Bendena, Kans.

A GOOD GALLOWAY BULL FOR SALE Cheap—Prince of Hinkton, 4 years old, is all right in every way, but I can't use him any longer. Thos. Gribben, Hope, Kans.

FOR SALE—10 Registered Galloway bulls, cheap. J. A. Darrow, Route 3, Miltonvale, Kans.

FOR SALE—Registered Hereford bulls; good ones; low price. H. B. Clark, Geneseo, Kans.

FOR SALE—Red Polled bulls, half-brother to World's Fair winner. D. F. Van Buskirk, Blue Mound, Kans.

FOR SALE—3 Scotch Shorthorn bulls from 10 to 30 months old, all red. J. J. Thorne, Kinsley, Kansas.

FOR SALE—Aberdeen-Angus cattle, registered bulls, cows or heifers. J. L. Lowe, Erie, Kansas.

FOR SALE—Shorthorns—One herd bull, Greenwood 165865 and 3 young bulls, all Scotch-topped. Brookover Bros., Eureka, Kans.

FOR SALE—A registered Red Polled bull, 30 months old, weight 1500 pounds, in good condition, will guarantee him a breeder; price, \$100. For pedigree or other information address W. E. Brockelsly, 815 E. Hancock, Lawrence, Kans.

FOUR GOOD HEREFORD BULLS, 15 to 20 months old, at reduced prices if taken at once; also a few younger ones. A. Johnson, Clearwater, Kans.

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

FOR SALE—Eight good, registered Shorthorn bulls, four straight Cruickshank, good ones, and prices right. H. W. McAfee, Station C, Topeka, Kansas.

FOR SALE—A 3-year old Shorthorn bull, sired by Royal Bates. Address Dr. N. J. Taylor, Berryton, Kans.

ly heifers of fair quality sold at \$4.95. These grades as well as the common to fair offerings sold steady, but the trade was inclined to be slow, but there was a very good clearance in season. Bulls and stags as well as veals were in demand and steady, while choice 1,183-pound, hay-fed feeders sold up to \$5.20; the general run of stock and feeding cattle were 10@15c lower, the demand being due to heavy receipts and the abnormal country demand. In some instances light-weight yearlings and calves of fair to good quality were more than 15c lower but they did not reflect the actual condition of the market.

There was an exceptionally small run of hogs on the market to-day and prices were 5@7 1/2c lower following the break of 10c in Chicago where receipts were centered. Prices to-day ranged from \$5.25@5.40 with the bulk at \$5.32 1/2@5.37 1/2. There is little change in the general hog situation, but the tendency is towards lighter marketing which indicates a somewhat higher range of values in the near future. The country does not seem to be as well supplied with matured hogs as the packers would like to believe and they are finding it difficult to keep prices from going up in strides; however, it is a pretty safe proposition not to speculate in the future by holding hogs after they are ready for market, and the general situation will be improved by the country keeping their hogs coming regularly.

The demand here is such as to far exceed the daily supply and is higher than any Missouri River point and receipts should be very materially increased from now on.

Sheep receipts to-day exceeded 14,000, which was the second largest day supply on record, and the packers showed their appreciation by buying everything freely at steady to strong prices; spring lambs sold up to \$11, and Colorado lambs brought \$7.50 while all kinds of sheep sold proportionately well. WARRICK.

Free Roofing Sample.

By dropping a postal card to any of the following offices of the Barrett Manufacturing Co., they will send you a free Sample of the new Ready Roofing, AMATITE. This roofing is mineral surfaced at the time of manufacture, and requires no coating of any kind. The manufacturers claim that anyone can put it down and after it is once on the roof it will last for years without attention of any kind. Address the Barrett Manufacturing Company at New York, Chicago, Philadelphia, Cleveland, Cincinnati, St. Louis, Allegheny, Kansas City, New Orleans or Minneapolis.

POULTRY.

RHODE ISLAND REDS—A hardy, early-maturing, general-purpose fowl; original stock from the East. Eggs per 15, \$1.25; 30, \$2.00. Mrs. G. F. Kellerman, Vinewood Farm, Mound City, Kans.

BARRED PLYMOUTH ROCKS—Pure-bred and extra good. Eggs, \$1 for 15; \$2 for 30. L. A. Sawhill, Edgerton, Kans.

R. C. W. LEIGHORN EGGS \$1 per sitting; \$1.50 per two sittings; \$5 per hundred. Stock excellent. Mrs. A. D. Corning, Route 1, Delphos, Kans.

Barred Plymouth Rocks

Large, farm raised. Good winter layers. Eggs, 15 for \$1; 45 for \$2. Selected and carefully packed. A. F. HUSE, - Manhattan, Kans.

HORSES AND MULES.

TO TRADE for good Jennets, good registered standard-bred stallion. H. T. Hineman, Dighton, Kans.

LEAVENWORTH COUNTY JACK FARM—5 miles north of Easton; 20 Jacks and Jennets for sale. O. J. Corson, Potter, Kans.

STRAY MARE—A black mare came to Wm. Cook's residence, one-half mile east of the city of Downs, Kans., on or about the 10th day of October, 1904, weight about 900 pounds, age about 8 years, worth \$40; branded on the left shoulder; owner or owners will please come, prove property and pay expenses.

SWINE.

FOR SALE—A good thoroughbred Tamworth boar and 2 extra good Poland-China boars old enough for service. Write A. A. Adams, Berryton, Kans.

FOR SALE—Duroc boar pigs, fall litters, pigs right, prices right. W. A. Wood, Elmdale, Kans.

EIGHT DUROC BOARS at a special low price to close out, weighing from 100 to 175 pounds; also a lot of winter pigs. A. G. Dorr, Osage City, Kans.

DUROC-JERSEY fall gilts and sows bred for fall litters by 5 leading males. Address John Schowalter, Cook, Neb.

FOR SALE—Say! I have some fine, big-boned, broad-backed Berkshires, brood sows or pigs. Want some? Write me; turkeys all sold. E. M. Melville, Eudora, Kans.

FOR SALE—Boars for immediate use. Sons of Perfect I know, out of daughter of Ideal Sunshine. Geo. W. Maffet, Lawrence, Kans.

SEEDS AND PLANTS.

FOR SALE—Tomato and cabbage plants, strong, vigorous. Tomato, 25c per 100, \$2 per 1000; cabbage same prices. C. A. Hicks & Co., Lawrence, Kans.

ALFALFA SEED—J. T. Axtell, Newton, Kans.

FOR SALE—Seed Sweet potatoes; 6 kinds; write for prices to I. P. Myers, Hayesville, Kans.

FOR SALE—Speltz, 60c bu. f. o. b. Two registered Galloway bulls. Wheeler & Baldwin, Delphos, Kans., or S. B. Wheeler, Ada, Kans.

STRAWBERRY, Blackberry and Raspberry Plants—Best varieties, low price. J. H. Wendell, Route 5, 2 1/2 m. north on Central Ave., Topeka, Kan.

ENGLISH BLUE-GRASS SEED FOR SALE—My own raising; fresh and clear of all foul seed; \$5 per cwt., sacked and loaded. Chester Thomas, Waterville, Kans.

SEED CORN—Both white and yellow at 90 cents per bushel; cane, millet and Kafir-corn seeds. Prices and sample on application. Adams & Walton, Osage City, Kans.

SEEDS WANTED—There are many inquiries for seeds adapted to various parts of Kansas; Black Hulled White Kafir-corn, different varieties of oats, corn suited to localities, etc., are in demand. Those who have such for sale may make profits for themselves and confer benefits on others by advertising in this column.

FOR SALE—Speltz, 60 cents per bushel; Soy-Beans, \$1.25; Red Kafir-Corn, 50 cents; sacks free in ten bushel lots. Seed extra nice and clean. C. M. Garver, Abilene, Kans.

WANTED—Cane, Kafir-corn, millet, alfalfa, clover, English blue-grass and other seeds. If any to offer send samples and write us. Missouri Seed Co., Kansas City, Mo.

FARMS AND RANCHES.

SOME FINE BARGAINS—480 acres, 60 acres alfalfa, 90 acres bluegrass 250 acres under plow; fine improvements; a great bargain; price, \$20 per acre. 80 acres, good land, all smooth; moderate improvements; good bargain; price \$2100. 320 acres, all closed in, 90 acres bottom; good improvements; 10 acres timber; running water; cheap at \$6200. 120 acres, small improvements, 70 acres under plow; reasonable; price \$2000. Garrison & Studebaker, Florence, Kans.; office at Minneapolis, Kans., also.

DO YOU WANT to buy a farm ranch, city property, or buy, sell or exchange a stock of merchandise, or want a bargain in some of my wheat farms, write me. F. C. Purdy, Sterling, Kans.

FOR SALE—Good farm and pleasant home, one-half mile from county high-school and city public school, three-fourths of a mile from several churches and stores, 2 grain elevators and stations. Farm consists of 800 acres, adapted to farming and stock raising, good 9-room house, with water, bathroom and good cellar, ice-house, tool-house, barns and sheds sufficient to hold 40 tons of hay and 150 head of cattle and horses. Price, \$15 per acre. Call on or address the owner, Box 192, Wakeeney, Kans.

BARGAINS in Central and Western Kansas land. J. J. Hazlett, Sterling, Kans.

160 ACRES, three-fourths mile from Bucklin, southeast part of Ford Co., one-half smooth in cultivation, balance pasture, 7-room house finished, 40-foot barn; other improvements to match. Price, \$3,500; \$2,000 cash. No agents. E. A. Gildemeister, Bucklin, Kans.

BARGAINS in good grain, stock and alfalfa farms. J. C. Burnett, Emporia, Kans.

FOR SALE OR EXCHANGE—Land, merchandise and city property. Let me know what you want to buy sell or trade. A. S. Quisenberry, Marion, Kans.

TEXAS BARGAIN—960 acres, 800 in wheat, 18 horses, 10 cattle, thrasher outfit worth \$2,000, finest of land, will make 16,000 bushels wheat this year. Price, \$50 per acre; one-third cash, other in four payments. Great wheat belt of Texas. G. J. Clark & Co., Iowa Park, Wichita County, Texas.

FARMS AND RANCHES.

TWO SNAPS—160 acres cheap; improvements, valley land, 140 acres cultivated; price \$3,200. Small payment down, balance yearly payments. 160 acres, 12-room house, 30 by 40 barn, 85 acres cultivated; price, \$4,500; half down, balance terms. Garrison & Studebaker, Minneapolis, Kans. We also have offices at Florence and Salina. Try us.

FIFTY farms in Southern Kansas, from \$15 to \$70 per acre; can suit you in grain, stock or fruit farms. I have farms in Oklahoma, Missouri and Arkansas for sale or exchange. If you want city property, I have it. Write me. I can fix you out Wm. Green, P. O. Box 968, Wichita, Kans.

FOR TRADE—200 acres improved near county seat, Central Tennessee; fine. Also Franklin County, Kansas, farms to sell. Buckeye Agency, Route 2, Williamsburg, Kans.

FOR SALE—200 acres fine pasture land, 175 acres of it mow land, two miles from Alma, living water that never fails, all fenced. This is a bargain if taken soon. Call on or address Mrs. M. A. Watts, Alma, Kans.

LAND FOR SALE in Western part of the great wheat State. H. V. Gilbert, Wallace, Kans.

FARMS For rich farming and fruit-growing. Write to J. D. S. Hanson, Hart, Mich.

FOR EXCHANGE Good city residence and business property in one of the best Illinois cities, for good improved farm property in east or southeast Kansas; must be on cash pricebasis. Give legal description.

W. A. JONES,

1309 W. 11th St., Kansas City, Missouri

LAND IN THE OIL DISTRICT

We have land from \$5 to \$50 per acre in tracts of 100 to 1500 acres. List your property with us. We sell or trade everything. Money loaned. Farms rented and rents collected.

ENLOW & CO.,

Elmdale, - Kansas.

FARM LOANS

Made direct to farmers in Shawnee and adjoining counties at a low rate of interest. Money ready. No delay in closing loan when a good title is furnished and security is satisfactory. Please write or call.

DAVIS, WELLCOME & CO.,

Stormont Bldg., 107 West 6th, Topeka, Ks.

For Sale or Trade for Land

A large breeding barn and about 4 acres of land with good breeding stock, or will sell and give purchaser time on part. This is one of the very best breeding points in the state.

L. C. WYMER, - Peabody, Kansas

MISCELLANEOUS.

WANTED—All-around farm hand with some dairy experience, who can care for separator and dairy-room. Permanent position for right man. Also young boy, old enough to milk, and handle team, who wants to grow up with a dairy, fruit and vegetable farm. Sayda Polo Jersey Farm, Route 6, Parsons, Kans.

HERDSMAN WANTS POSITION—Am 35 years old; long experience and best of references. Address George Mason, 1308 Penn street, Kansas City, Mo.

WANTED—Middle aged woman with no incumbences to do house work in a family of three. R. J. Linscott, Holton, Kans.

HONEY—New Crop, water white, 8 cents per pound. Special prices on quantity. A. S. Parson, Rocky Ford, Colo.

FOR SALE—Second-hand engines, all kinds and all prices; also separators for farmers' own use. Address the Geiser Mfg. Co., Kansas City, Mo.

AGENTS WANTED Sell our \$1 bottle Sarasaparilla for 35 cts.; best seller; 350 per cent profit. Write to-day for terms and territory. F. R. GREENE, 115 Lake St., Chicago.

LEGAL.

PUBLICATION NOTICE.

To Charles Woodcock:—You are hereby notified that on the 4th day of April, 1905, an order of attachment was issued by M. F. Laycock, the clerk of the Court of Topeka, in an action pending in said court in which E. G. Kinley is plaintiff, and you are defendant, against you, for the sum of \$28.94, and that said cause will be heard by said court on the 25th day of May, 1905, at 8 o'clock a. m.

FRANK H. FOSTER, Attorney for Plaintiff.

Stray List

Nemaha County—B. F. Eaton, Clerk. HEIFER—Taken up by Isaac M. Zubler, in Washington tp. (P. O. Bern), Feb. 9, 1905, one red yearling heifer; valued at \$14.

Pottawatomie County—C. A. Grutzmacher, Clerk. STEER—Taken up by H. W. Hoffman, in St. George tp. (P. O. St. George), March 10, 1905, one 2-year-old steer, red with white spot in face, on left shoulder and hip; valued at \$30.

Cherokee County—R. G. Holmes, Clerk. MARE—Taken up by John Peters in Spring Valley tp. (P. O. Baxter Springs), one 11-year-old bay mare, branded "C" on left shoulder.

HORSE—Taken up by Ira Harmen, in Spring Valley tp. (P. O. Baxter Springs), one 12-year-old roan horse; 5 feet 2 inches high.

HOGS WILL MAKE YOU RICH

Send 10c for a whole year's trial subscription to the best hog paper in the world. Free sample. SWINE BREEDER, Lincoln, Neb.

Observation Cars now in service on Wabash day trains between Kansas City and St. Louis, both directions and on Wabash New York Fast Mail train No. 8.

DUROC-JERSEY SWINE.

D. M. TROTT ABILENE, KAS., famous Duroc-Jerseys, Poland-Chinas.
COUNTY SEAT HERD Duroc-Jerseys.
 Geo. Briggs & Son, Clay Center, Neb.
 Young stock for sale.

DUROC-JERSEYS—Large-bodied and long-bodied kind. A fine lot of fall pigs (either sex) for sale. Prices reasonable.
 E. B. COWEE, R. F. D. 2, Scranton, Kans.

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

FAIRVIEW HERD Duroc-Jerseys
 Now numbers 150; all head for our two sales, October 25, 1904, and January 31, 1905.
J. B. DAVIS, Fairview, Brown Co., Kans.

THE OLD RELIABLE KLONDYKE HERD.
 Duroc-Jersey Swine, Shorthorn Cattle and B. P. Rocks.
FOR SALE—Two September 27, 1904 males. Eggs 75 cents per 15; or \$4 per 100.
 Newton Bros., Whiting, Kansas.

GOLDEN RULE STOCK FARM
LEON CARTER MGR., Asherville, Kans.
 Gilt-edged Duroc-Jersey Swine.

The Famous Fancy Herd
DUROC JERSEY SWINE
 A few gilts and 7 fine young boars for sale. Bred sow sale at Concordia, Feb. 21, 1905.
JNO. W. JONES & CO., R. F. D. 3, Delphos, Kan.

FOR SALE
 75 head of pedigree Duroc-Jersey spring pigs, boars or sows, no skin, good color, well built, very cheap, order now from
CHAS. DORR, Route 6, Osage City, Kans

ORCHARD HILL HERD
OF Duroc-Jerseys
 Gilts all sold. A few excellent males left yet.
R. F. NORTON, - Clay Center, Kans.

DUROC-JERSEY HOGS.
 All stock registered. Pigs for sale weighing 150 to 200 pounds, both sexes. Will have sows for early farrowing at \$20 each. Spring males and gilts, \$10 to \$15. Address
Mr. & Mrs. Henry Shrader, Wauneta, Kans

PLAINVILLE HERD
DUROC-JERSEYS
 For sale, an extra fine lot of young boars large enough for service. Bronze turkeys, Barred Plymouth Rocks and Brown Leghorn chickens for sale.
J. M. YOUNG, Plainville, Kans.

DUROC-JERSEYS
 A few Gold Dust gilts of the big-bodied, hardy variety, and out of large litters bred for April farrow.
BUCHANAN STOCK FARM, Sedalia, Mo.

Wheatland Farm Herd Duroc-Jerseys
 For Sale—At reasonable prices, some fine October pigs, male and female; also some tried sows, bred and open. Our yearling herd boar, Wheatland Dandy 23905, sire Nathan 6397, dam Lincoln Lass 32792, will also be sold.
GEO. G. WILEY & SON, South Haven, Kans.

MINNEOLA HERD
DUROC-JERSEY SWINE
 Prince 17799 and Red Rover 27665 at head of herd. Young boars and bred and open gilts for sale.
L. A. KEELER, Route 7, Ottawa, Kans.
 Phone 591 G.

Rose Lawn Herd Duroc-Jerseys
 Now offering males only. Bred sows and gilts reserved for Feb. 22, 1905 sale. Visitors welcome and prices right. Can ship on Santa Fe, Mo. Pacific and Rock Island railroads.
L. L. Freeman, Hope, Dickinson Co., Kans.

POLAND-CHINA SWINE.

Kansas Herd of Poland-Chinas W. R. C. Leghorn eggs. F. P. Maguire, Hutchinson, Kans.

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

MAPLE VALLEY STOCK FARM
 Pure-bred Poland-Chinas from leading strains. Visitors welcome and correspondence solicited. Satisfaction guaranteed. C. P. Brown, R. 2, Whiting, Ks

Elm Grove Stock Farm Poland-Chinas.
 Woodbury 33838, Highroller 33839 and Perfection's Profit 38223 at head. Sows of the most popular strains. Visitors always welcome.
F. A. DAWLEY, Waldo, Kans.

DIRGO BREEDING FARM
J. R. Roberts, Proprietor, Deer Creek, Okla.
 Breeder of Poland-Chinas of the leading strains. Stock of all kinds for sale at all times. Satisfaction guaranteed. Write us and we will tell you what we have.

Republic County Herd
 Big-bodied, Fancy-bred Poland-Chinas
 Fancy breeding, great individuality. Inspection invited. Choice boars and gilts of September farrow for sale. Two sired by a 750-pound boar—a prize-winner. Their dam, Wauneta Ann 171850, she by Expansion. Three sired by Keep Coming 84889, he by Keep On. Also R. C. B. Leghorn eggs from choice matings. Write for description and prices.
O. B. SMITH & SON, Cuba, Kans.

HIGHLAND FARM HERD OF PEDIGREED
POLAND-CHINAS
 Twenty serviceable boars at special prices for next 30 days, sired by Black Perfection 87132, Black Perfection 32694, Perfection Now 32695, and Ideal Perfection. They are lengthy and good-bodied pigs, with plenty of finish. Write me description of what you want and I will guarantee satisfaction.
JOHN BOLLIN, Route 5, Leavenworth, Kans

POLAND-CHINA SWINE.

POLAND-CHINAS

For Sale—June gilts, sired by Corwin's Model. This stock is first-class. Weight from 150 to 200 pounds. Prices quoted on application.
Dave Stratton, Route 1, Walton, Kans.

Pecan Herd of Poland-Chinas
 Model Tecumseh 64183, American Royal (S) 80788, and Best Perfection 81507 at head of herd. Write us your wants.
J. N. Woods & Son, Route 1, Ottawa, Kans.


Main's Herd of Poland-Chinas
 Empire Chief 30379, heading champion herd and winner in class at Iowa and Nebraska State Fairs. He is of great size and finish. Sire Chief Tecumseh 8d and out of Columbia 2d. The combination that produced so many State fair champions. A grand lot of sows bred to him; and summer boars for sale at reduced rates. Try me for quality and prices.
JAMES MAINS, Oskaloosa, Jefferson Co., Kan.

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

GUS AARON'S
POLAND-CHINAS
 Route 5, Leavenworth, Kans.
 Choice young boars of April and May farrow sired by Beauty's Extension, for sale. Also bred sows and gilts, all with good colors, bone, fancy head and ears. The head boar, Beauty's Extension 27965, for sale. Some snaps here. Visitors welcome. Mention Kansas Farmer and write for prices.


CLEAR-CREEK HERD OF
POLAND-CHINAS
 For Sale, at bargain prices, from now till January 1, 1905, four boars ready for service, sired by Sherman's Corrector, a half brother to Corrector 2d, the reserve champion at the St. Louis Expo 1904, and out of up-to-date bred sows. Also a bunch of boars equally as well bred, sired by six good herd boars, and out of matured sows.


E. P. SHERMAN,
Wilder, - - Kansas

CHESTER WHITE SWINE.

D. L. BUTTON,
 Elmont, Shawnee Co., Kan.
 Breeder of improved Chester-White swine. Young stock for sale.

O. I. C. SWINE
 Have for sale a few choice boars of serviceable age; booking orders now for spring pigs. Write for prices. Satisfaction guaranteed.
S. W. ARTZ, - LARNED, KANSAS

High Point Stock Farm
 I have choice O. I. C. and Duroc-Jersey males. Also bred O. I. C. and Duroc-Jersey gilts for sale. B. P. Rock cockerels and eggs in season. Write or come and see
J. R. EBERT,
 Route 3, Hunnewell, Kans.

O. I. C. HOGS

A. G. McQUIDDY,
 501 East South Fourth Street, Newton, Kans
 Handles the great George Washington breed from the famous Silver Herd of Cleveland, Ohio. For particulars and prices write to the above address.

THE CRESCENT HERD

O. I. C. The World's Best Swine.
 200 pedigree hogs, both sexes, all ages. Pairs or trios mated not akin. Bred for size and finish. Nothing but the best offered. We are now booking orders for bred sows. Describe build of hog wanted. Thoroughbred Poultry—W. and B. P. Rocks, W. and G. Wyandottes, and B. Langhans. Stock for sale. Correspondence solicited and satisfaction guaranteed.
John W. Reat & Co., Central City, Neb.

O. I. C. HOGS.
300 Beauties, all ages.
 We take the lead, others follow. We were the first western breeders to take up the O. I. C.'s, consequently have advanced our herd to a place above all others. We have spared neither time nor money in perfecting this breed. Write your wants and we will be pleased to give you information.

Scotch Collie Dogs.
No Pups for Sale.
 Brandane Noble, Cragmore Wonder, Laddie McGregor, at stud. Write for terms. We assure you we can please you. We are selling more Collies than any firm in America. We guarantee satisfaction.
WALNUT GROVE FARM, Emporia, Ks.
H. D. NUTTING, Proprietor.

BERKSHIRE SWINE.

CEDAR LAWN BERKSHIRES
 My sows are sired by Elma's Prince 64778, and Berryton Duke 72946. Boar at head of herd, Jurlist Topper 76277. Wm. McADAM, Netawaka, Kan

BERKSHIRES
 From the best breeding that can be had, for sale at all times. Male and female, bred and open. Prices and breeding that will suit you.
J. P. SANDS & SONS, Walton, Kans.

Ridgeview Berkshires
 Boars of July and August, '04, farrow for sale, sired by Forest King 72668. Orders booked for spring pigs.
MANWARING BROS.,
 Route 1, Lawrence, Kans.

WHITE HOUSE HERD
BERKSHIRES.
GEO. W. EVANS, Prop. MERRIAM, KANS.
 W. S. ROWE, Manager Rural Route.
 Herd consists of Cherry Blossom, Royal Majestic, Artful Belle, Longfellow, Riverside Lee and Silver-tip strains. Choice young stock for sale. Visitors always welcome.

SUTTON'S BERKSHIRES
Imported Blood
 30 extra choice Boars, 100 to 150 pounds.
 40 extra choice Gilts, 100 to 150 pounds.
 Fancy heads, strong bone and all-around good ones. Bargains at \$15 to \$25 to close quick.
CHAS. E. SUTTON, Russell, Kans.

BERKSHIRES
 I have purchased the great S. B. Wright herd, of California—are of the best in America, and the best sows and boars I could find in Canada, and have some fine young boars by several different herd boars. Can furnish fresh blood of high quality.
 Eight pure Collie pups, cheap.
E. D. KING, Burlington, Kans.

KNOLLWOOD
BERKSHIRES
 Pacific Duke 56691, the 1,000 pound champion show and breeding boar from herd of S. B. Wright, Santa Rosa, Cal., bred by N. H. Gentry; Model Princess 60134, by Halle 60125, sweetstakes Pan-American sow; Stumpy Lady 63409 by Combination 56023, sweetstakes Kansas City and Chicago 1902. Lee's Model Princess 62514, the \$180 daughter of Governor Lee 47971; Lady Lee 99th 65035, the \$160 daughter of Lord Premier 50001, and other "Blue-Bloods." Sows bred to 3 grand boars and young stock for sale.
E. W. MELVILLE, Eudora, Kans

TAMWORTH SWINE.
TAMWORTHS
 Ready for sale, consisting of 50 fall and spring gilts, that can be bred to any one of the three different herd boars, Mark Hanna, Red Stock Jelly, and a fine herd boar from Illinois. Also 40 young boars for sale for spring farrow.
C. W. FREELove,
 Clyde, Kansas.

SHEEP.
ELMONT HERD
SHROPSHIRE SHEEP.
 Herd headed by Huntsman 15565 and Marshall 17621. Choice young bucks ready for service, for sale, also extra good spring ram lambs. All registered
JOHN D. MARSHALL,
 Walton, Kansas.

HEREFORD CATTLE.
VERMILION HEREFORD CO.,
 VERMILION, KANSAS.
 Boatman 56011 and Lord Albert 131557 head of herd Choice young stock of both sexes for sale.
E. E. Woodman, Vermilion, Kans.

Hazford Place Herefords
 Herd Bulls: Printer 60884 and the American Royal prize-winners, Protocol 2d 91715 and Imported Monarch 142149. Visitors always welcome.
ROBERT H. HAZLETT,
 Eldorado, Kans.

SOLDIER CREEK HERDS OF
 Herefords, Shorthorns, Polled Shorthorns
 Service Bulls—Herefords: Columbus 17th 91364, Columbus Budybody 141836, Jack Hayes 2d 119761 Shorthorns: Orange Dudding 149469. Polled Short-horns: Scotch Emperor 133646, Crowder 204816.
 Herd consist of 500 head of the various fashionable families. Can suit any buyer. Visitors welcome except Sundays. Address
Joseph Pelton, Mgr., Belvidere, Kiowa Co., Ks.

SHORTHORN CATTLE.

Plainville Shorthorn Herd
 Headed by Prince Lucifer 188685
 A pure Scotch bull.
 Stock for sale at all times.
N. F. Shaw, Plainville, Rocks Co., Kans.

ROCKY HILL HERD
SHORTHORN CATTLE.
J. F. True & Son, Perry, Kans.

D. P. NORTON'S SHORTHORNS.
 Dunlap, Morris County, Kansas.
 Breeder of Pure-bred Shorthorn Cattle.
 Herd bull, Imported British Lion 133692. Bull and heifer calves at \$50.

Meadow Brook Shorthorns
 Ten fine young bulls for sale—all red. Red Laird, by Laird of Linwood, at head of herd.
F. C. KINGSLEY,
 Dover, Shawnee County, Kansas.

MAPLE GROVE SHORTHORN HERD
BANKER No. 129324
CRICKSHANK HERD BULL.
 Sissy 849 of Vol. 40, Rose of Sharon blood, Norwood Harrington Duchess 654 Vol. 50, Bates blood. Pure-bred unregistered bulls for sale.
OSCAR DUEHN, Clements, Kans.

Silver Creek Shorthorns
 The imported Missie bull, Aylesbury Duke 150768 and the Crickshank bull, Lord Thistle 129960, in service. A few bred yearling heifers by Imp. Aylesbury Duke are now offered for sale. These heifers are in calf to my Crickshank bull, Lord Thistle.
J. F. STODDER,
 BURDEN, COWLEY COUNTY, KANS.

GLENWOOD HERDS
Shorthorns and Poland-Chinas
 Grand array of Scotch herd bulls. Victor of Wildwood 128054, Prince Pavonia 216307, Happy Knight by Gallant Knight 124468, and Charm Bearer. Good bulls and females always for sale. Show material. Visitors welcome.
C. S. NEVIUS, Chiles, Miami Co., Kans.
 Forty miles south of Kansas City.

ALYSDALE HERD
SHORTHORNS
 Headed by the great Crickshank bull, Prince Consort 187008, sired by Imported Prince of Perth 153879, and out of own sister of Lavender Viscount 124765. For Sale: Lord Cundiff 214263 by Lord Mayor, Horace King 214262 by Lord Mayor, Silverthorne 214712 by Golden Day. These are long yearlings ready for heavy service. See or address
C. W. MERRIAM,
 Columbian Bldg., - Topeka, Kans.

Pearl Shorthorn Herd
 Have a choice lot of young bulls, Scotch and Scotch-topped. About twenty are now ready for light and heavy service. Get prices and description. Sired by Baron Ur 214970, Sunflower's Boy 127337, and Bold Knight 179054.
C. W. TAYLOR,
 Pearl, Dickinson County, Kansas.

Valley Grove Shorthorn
 A car lot of young bulls sired by Lord Mayor Golden Day and two by Knight's Valentine. For sale at reduced prices. Come and see them or write to
T. P. BABST & SONS, Auburn, Kans.
 Telegraph Station Valencia, Kans.

Harmony's Knight 218509
 By the \$1,000 Knight's Valentine 157770 a pure Scotch bull of the Bloom tribe, now heads my herd. Seven extra good 1 and 2-year-old bulls, sired by an American Royal winner, for sale; also carload of cows and heifers in good flesh and at reasonable prices. Come and see them.
A. M. ASHCRAFT, Atchison, Kan.

—THE—
N. MANROSE
SHORTHORNS
 Rural Route 5, Ottawa, Kans.
 Giltspur's Knight 171591 at head of herd. Young bulls ready for service for sale.

Elder Lawn Herd
SHORTHORNS
 T. K. TOMSON & SONS, Dover, Shawnee Co., Kans
 Bulls in service: GALLANT KNIGHT 124468 and DICTATOR 183524.
 For Sale—Serviceable Bulls and Bred Cows. Prices reasonable and quality good. Come and see us.

PLEASANT HILL
STOCK FARM
 Registered Hereford cattle. Major Beau Red 71621 at head of herd. Choice young bulls, also heifers by Lord Evergreen 95651 in calf to Orto 132454 for sale. Bronze turkey and Barred Plymouth Rock eggs for sale.
JOSEPH CONDELL,
 Eldorado, Kansas.

ABERDEEN-ANGUS CATTLE.

Aberdeen-Angus Cattle and Percheron Horses
A special offer of a few fine young bulls, coming two. They are snaps. Also a yearling Percheron stallion and a 6-year black jack for sale or exchange for registered Angus females.
GARRET HURST, Peck, Kans.

16 Aberdeen-Angus 16

Cows and heifers for sale, some with calves at side, others fresh soon. These are high-grade cows and heifers and bred to registered bull. Also a yearling bull for sale. For particulars write

T. B. SNAVELY, Peabody, Kans.

GOOD ANGUS BULLS!

Choice yearlings, 2 and 3-year-old registered bulls at very low prices—sons or grand-sons of Nell of Lakeside 25645. Will sell worth the money. Write or come and see

GEO. DRUMMOND,
Elmdale, - Chase County, - Kansas

HILLSIDE OAKS HERD
Aberdeen-Angus Cattle

Tosco of Oak Hill at Head of Herd.
Young bulls ready for service. Queen Mother, Favorite, and Gratitude families. Some choice 2-year-old Queen Mother bulls, at attractive prices.

G. E. AVERY, Route 2, RILEY, KANSAS
Long distance phone. Railroad station, Milford

ABERDEEN-ANGUS CATTLE FOR SALE.

A long string of fine registered yearling and 2-year-old Aberdeen-Angus bulls at reasonable prices from Allendale herd, the oldest and largest in the United States; also females on hand at all times for sale at living prices. Fine imported bulls from best herds in Scotland have been at head of this herd for many years. Over 500 registered cattle in herd.
Inspect herd on Allendale Farm, 7 miles from Iola and 2 miles from La Harpe on Southern Kansas, Missouri Pacific and M. K. T. Ry., Allen County, Kansas.
Address Thomas J. Anderson, Mgr., Gas, Allen Co., Kansas; or Proprietors, Anderson & Findlay, Lake Forest, Ill.

THE SUNFLOWER HERD PURE-BRED
Angus Cattle

Herd headed by HALE LAD 30645. Herd numbers 250 head, the largest herd bred by owner in America. Stock for sale
Address
PARRISH & MILLER,
Hudson, Route 1, Stafford Co., Kas

RED POLLED CATTLE.

ENGLISH RED POLLED CATTLE—Pure-bred Young Stock For Sale. Your orders solicited. Address L. K. HAZELTINE, Route 7, Springfield, Mo. Mention this paper when writing.

COBURN HERD OF RED POLLED CATTLE.
Herd now numbers 115 head. Young bulls for sale.
GEO. GROENMILLER & SON,
Route 1, POMONA, KANSAS

RED POLLED CATTLE AND
POLAND-CHINA SWINE.
Best of breeding. Write or come and see
CHAS. MORRISON, Route 2, Phillipsburg, Kas.

Boulah Land Herd
RED POLLED CATTLE
Imported Linwood Lad 9492-K25, at head of herd. Nine prizes at World's Fair, including third on aged herd. Poland-China hogs. Stock for sale.
WILKIE BLAIR, ROUTE 1, GIRARD, KANS.

RED POLLED CATTLE
Of the Choicest Strains and Good Individuals. Young Animals, either sex, for sale. Also breeders of
PERCHERON HORSES AND
PLYMOUTH ROCK CHICKENS.
Address S. C. BARTLETT, Route 5,
WELLINGTON, KANS

GALLOWAY CATTLE.

O. E. MATSON, - FURLEY, KANSAS
Breeder of choice Galloway Cattle. Eighty head in herd. Young stock for sale. Write for prices.

CAPITOL VIEW HERD
OF REGISTERED GALLOWAYS

Have a few very choice bulls left of the low-down thick-set type; am making very low price on them in order to make room; have just gotten out a new catalog of stock for sale, and a brief history of the Galloway; if interested write; it is free.
G. E. CLARK, 2301 Van Buren Street, TOPEKA, KANSAS

Galloway Cattle
For Sale

Twenty yearlings and four 2-year-old Galloway bulls for ready sale. Also forty registered Galloway cows and heifers. I will also sell thirty head of 4-year-old horses, mares and geldings, high-grade Percherons and Cleveland Bays. Call or address
DEAN BARTLETT, St. Marys, Kans.

HORSES AND MULES.

Do You Want to Buy a Jack?

If so, I have some extra good ones to sell, of the best strains of breeding in Missouri. Good breeders, large, black, with light points, priced right. Write me what you want. Address,

WALTER WARREN, Veterinarian,
Windsor, Mo.

I HAVE 30 HEAD OF JACKS

from coming 3 years old to 7 years old, 14% to 18% hands high, black, good bone and body. Also 45 head of jennets, are dams of some high price jacks. I have 6 head of draft stallions. Price reasonable and also stock guaranteed as represented.

Philip Walker, Moline, Elk Co., Ks

You Must Sleep.

If you cannot, it is due to an irritated or congested state of the brain, which will soon develop into nervous prostration.

Nature demands sleep, and it is as important as food; it is a part of her building and sustaining process. This period of unconsciousness relaxes the mental and physical strain, and allows nature to restore exhausted vitality.

Dr. Miles' Nervine brings refreshing sleep, because it soothes the irritation and removes the congestion.

It is also a nerve builder; it nourishes and strengthens every nerve in your body, and creates energy in all the organs.

Nothing will give strength and vitality as surely and quickly as Dr. Miles' Nervine.

"During the past winter I had two attacks of LaGrippe which left me very weak, and in bad condition. I was so nervous I could not sleep. My wife, after trying different remedies, went for a doctor. The doctor was out, and a neighbor recommended Dr. Miles' Nervine, and she brought home a bottle. I had not slept for some time, and had terrible pains in my head. After taking a few doses of Nervine the pain was not so severe, and I slept. I am now taking the second bottle, and am very much improved."

HENRY M. SMITH, Underhill, Vt.
Dr. Miles' Nervine is sold by your druggist, who will guarantee that the first bottle will benefit. If it fails, he will refund your money.

Miles Medical Co., Elkhart, Ind

NICKEL PLATE.
The New York, Chicago & St. Louis R.R.

NO
EXCESS
FARE
ON ANY
TRAIN

Three Express Trains East Every Day in the Year. Pullman Drawing Room Sleeping Cars on all Trains. Trans-Continental Tourist Cars leave Chicago Tri-Weekly on Tuesdays and Sundays at 2:30 p. m. and Wednesdays at 10:35 a. m.

CHICAGO TO BOSTON
WITHOUT CHANGE.

Modern Dining Cars serving meals on Individual Club Plan, ranging in price from 35 cents to \$1.00, also service a la Carte. Coffee and Sandwiches, at popular prices, served to passengers in their seats by waiters. Direct line to Fort Wayne, Findlay, Cleveland, Erie, Buffalo, Rochester, Syracuse, Binghamton, Scranton.

NEW YORK CITY, BOSTON
AND ALL POINTS EAST.

Rates Always The Lowest.

Colored Porters in uniform in attendance on all Coach Passengers. If you contemplate a trip East call on any convenient Ticket Agent, or address,

JOHN Y. CALAHAN, Gen. Agt.,
113 Adams St., Chicago, Ill.

IMMUNE HOGS

Immune your pigs by feeding virus to the sow costs 1 cent a pig) and have their barn cholera-proof. ONE MILLION successful tests. Indorsed by thousands of able veterinarians and scientists; satisfaction guaranteed in writing, backed by \$10,000 security. Agents wanted.
ROBERT RIDGEWAY, Box K Amboy, Ind.

LIVE STOCK AUCTIONEERS.

JAS. W. SPARKS,
Live Stock Auctioneer
Marshall Mo.

TWELVE YEARS, successfully selling all breeds of pure-bred live stock at auction.

Posted on pedigrees and values of all breeds. MY REFERENCE IS THE BEST BREEDERS in nineteen states and territories for whom I have made many successful sales of all breeds of pure-bred live stock.

WITH THIS EXPERIENCE my terms for the best and most experienced service are very reasonable. Write or wire me before fixing your sale date.

R. L. HARRIMAN
Live Stock Auctioneer
Bunceton, Mo

Twenty years a successful breeder, exhibitor, and judge of live stock.

Ten years' experience on the auction block selling successfully for the best breeders in fifteen States and Territories.

The records show that I am the MONEY-GETTER.

Posted on pedigrees and values of all breeds. Terms are reasonable. Write early for dates.

Z. S. Branson,
Live Stock Auctioneer
Lincoln, Neb.

Thorough knowledge of breeds, bloods and values. Terms reasonable. Inquiries cheerfully answered.

J. A. MARSHALL,
Live Stock Auctioneer
Gardner, Kansas

Have an extensive acquaintance among breeder. Terms reasonable. Write or telephone before fixing dates.

JOHN DAUM,
Live Stock Auctioneer
Nortonville, Kans.

Fine stock a specialty. Large acquaintance among stock-breeders. Sales made anywhere. Working and booked for best breeders in the State. Write or wire for dates.

When writing advertisers please mention the Kansas Farmer.

LIVE STOCK AUCTIONEERS.

LAFE BURGER,
LIVE STOCK AUCTIONEER
Wellington, Kans.

Five years of successful selling for some of the best breeders in the United States. Posted on pedigrees and values. Entire time given to the business. Write or wire for dates.

CAREY M. JONES,
Live Stock Auctioneer
DAVENPORT, IOWA. Have an extended acquaintance among stock-breeders. Terms reasonable. Write before claiming date. Office, Hotel Downs.

BERT FISHER,
Live Stock Auctioneer

119 W. Norris St., North Topeka, Kans.
Thoroughly posted on pedigrees. Ten years' experience. Satisfaction guaranteed. Write or wire for prices and dates.
Free sale tent at cost of handling only when I am employed. Ind. Phone 25. Bell Phone 22.

Low Rate Spring Trips
To Sunny California

All the way

Ask T. T. KING, Ticket Agent
A. T. & S. F. Ry., Topeka
Kansas.

You can go to California any day between March 1st and May 15th for \$25.00, a little more than half fare, one way.

Travel comfortably in tourist Pullman or chair car.

An unusual opportunity to inspect California farm lands.

You Can
Keep Your
Boiler Hot
in Tulsa.

Ask A. HILTON, G. P. A.
St. Louis, Mo.

GAS, OIL, COAL

In abundance in Indian Territory along the Frisco System. Exceptional opportunities for Investors and Manufacturers. Cheap rate tickets are sold to Tulsa and other points in the Southwest. April 4th and 18th.

HORSES.

Percheron Horses

HENRY AVERY & SON, Wakefield, Kans.

**ROBISON'S PERCHERONS**J. W. & J. C. ROBISON,
Towanda, Kans.

Importers and Breeders of High-Class Percherons. Herd headed by Casino 27830 (45462). Winner of first prize at World's Fair. Young stock for sale. Largest herd in the West.

CHEYENNE VALLEY STOCK FARM**Percheron Stallions and Bred Mares**

FOR SALE at reduced prices for quick sale. Won 38 prizes out of 39 competed for in 1902-'03, and 28 prizes in leading Kansas and Oklahoma fairs for 1904.

Write me for prices.

F. H. SCHREPEL,
Ellinwood, Barton Co., Kansas.**Pine Ridge Stock Farm**The Biggest and Best Horse Barn in
the United States, and the Big-
gest and Best**Percheron and French
Draft Horses**

SAMSON AT HEAD OF HERD.

(Percheron 27238 and French Draft 6866.)

He weighs 2,464 pounds, with more bone and quality than can be found in any other one horse in the United States. We can show more bone, size and quality than any other one firm in the country. Prices below competition. Call on or address

L. M. HARTLEY, - Salem, Iowa

**America's
Leading Horse
Importers**

We have brought to this country nearly every first, second, third, and fourth prize winner in every Percheron stallion class in every Government show held in France since the Paris Exposition 1900.

Our horses won every first and nearly every prize down to fifth at the St. Louis World's Fair.

On account of bringing the best our trade is increasing so that we bring the largest number. We made five importations in 1904, bringing more Percherons and French Coachers than have been imported by all others combined.

If you want the best write

McLAUGHLIN BROS.,

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

HORSES.

Iams' Stallions

Cheer up! Iams' roses are blooming. These are his "sweepstakes" stallions (over all). The pattern he sells at \$1000-\$1500. Iams' barn are "full to the roof" with "top notch" stallions and Iams has on his "selling clothes" every day (always at home).

He owns and sells more first-class stallions than any man in U. S. He is "stirring up the animals." He has "competitors" "on" on the roof" watching him sell "top notch" stallions. Iams hypnotizes his buyers with his class young, sound, big "Perches and Cream" stallions at "let five prices." "Frenzied Finance" is a "warm bunch" but it's "a 1000 to 1" if you visit Iams and will pay cash or give bankable notes you will positively buy a stallion of him and save \$1000. Iams sells stallions "on honor." Iams has

**80 BLACK PERCHERONS, BELGIANS AND COACHERS 80**

2 to 6 years old, wt. 1700 to 2400 lbs. 80 per cent blacks, 50 per cent ton horses. All registered, approved at fairs. It's a "clinch" that Iams will save you \$1000 and sell you a "money-maker." Farmer Ike! What a "rich graft" these "gold brick stallion salesmen" are working on the "honest farmer." Selling 4th rate stallions @ \$2000 to \$6000—with worthless guarantee. Iams, the reliable importer and breeder, sells "top notchers" so good big and cheap that they don't need to be "peddled" to be sold. Iams sells direct to "users," saves buyers all commissions and "middle-men's" profits.

\$1000 SAVED AT IAMS' \$1000

Gee whiz, Teddy—Iams "makes good" every statement in add. or catalog—Guarantees stallions as good or better than pictures in catalog—or pays you \$100 for trouble to see stallions. Iams is making

SPECIAL PRICES

for 60 days. He owns every 1st, 2d and sweepstakes winner in all ages at 1904 State Fair, in Percherons, Belgians, Coachers. Iams shipped 100 stallions by "special train" 1904—the "wide-as-a-wagon" d. Mr. Stallion Buyer: "Buttinsky," see Iams' stallions yourself. Take no "gold brick stallion salesman's word." Look out for "knockers." Iams has "the goods" you read about. (His establishment is worth going 2000 miles to see.) Iams makes competitors "holler." He is knocking "high prices" out of the "Xmas tree" on 1st class stallions. Iams saws wood. "Buttinsky," sells more stallions each year. George, dear, be good, buy a stallion of Iams; his \$1200 stallions are much better than one our neighbors paid those Ohio men \$4000 for. (Then I can wear diamonds). Iams speaks the languages, buys direct from breeders, pays no buyers, salesmen, or interpreters; has no 2 to 10 men as partners to divide profits with. His 25 years of successful business makes him a safe man to do business with. Iams guarantees to sell a better stallion @ \$1000-\$1400 than are sold to Stock Co.'s for \$2500 to \$5000 by "slick salesmen" or pay you \$100 for trouble, you the judge. Iams pays horse's freight, buyers' fare gives 80 per cent breeding guarantee. Write for "eye-opener"—greatest catalog on earth. References: St. Paul State Bank, Citizens National Bank.

**FRANK IAMS,
St. Paul, Nebraska.****The Lincoln Importing Horse Co.,
LINCOLN, NEB.**

The OLDEST AND LARGEST IMPORTERS of First-Class Stallions in the West. We absolutely defy competition in quality and price and don't you forget it. Don't fail to see our stallions before you purchase. Remember, we have

Percherons, English Shires

Belgians and German Coachers.

Our last importation arrived on the 8th of October. They are now thoroughly acclimated and in excellent condition, not hog fat, but in good breeding flesh.

Come and See Us Before You Purchase. Remember, We Pay Buyer's Railroad Fare.

A. L. SULLIVAN,
Secretary and Manager.

When you arrive in Lincoln, inquire for SULLIVAN'S BARN. Take the State Farm street car, which runs direct to the barns.

**PERCHERON and SHIRE STALLIONS**

When you go to buy a horse, stop at Lincoln, Nebraska, and see Watson, Woods Bros. & Kelley's Percherons and Shires. Fifty head on hand. Send for beautiful photographs of latest importation and price list. These are free to all who mention Kansas Farmer. Address

WATSON, WOODS BROS. & KELLEY, Lincoln, Neb.

**Farmers and Breeders! We Will Insure Your Hogs
Against Death by Cholera**

And other malignant blood diseases. Don't waste time and money experimenting with cheap stock food. Use a medicine prepared especially for the hog. Twenty years' test without a failure. We run all risk and in case THE GERMAN SWINE POWDER fails to eradicate the disease from your herd, we refund your money. The greatest conditioner and growth-promoter ever discovered, and the biggest money-maker for hog-risers known. Prices: 100 lbs., \$25; 25 lbs., \$7; 10 lbs., \$3; 5 lbs., \$1.75; 2 1/2 lbs., \$1. Send for our Treatise on Swine—it's free. Make all checks and drafts payable to

LON ELLER, Manager and Proprietor of
The German Swine and Poultry Merchandise Co., Topeka, Kans.

HORSES.

IF YOUR COUNTY NEEDS AN
Imported German Coach,
Percheron or Belgian Stallion

WRITE TO US

Liberal Terms to
Responsible BuyersAll Stallions
Guaranteed
Sure BreedersLargest Importers
in the U. S. of the
Three BreedsOur 1905 Importa-
tion is in our Sta-
bles at this time**J. CROUCH & SON,**

Sedalia, Mo. : Lafayette Ind. : San Jose, Cal. : London, Canada

TO
Oregon or Washington

VIA

UNION PACIFIC**EVERY DAY**

March 1 to May 15, 1905

\$25.00

SHORT LINE. FAST TRAINS. NO DELAYS

Be Sure Your Ticket Reads Over This Line.

Inquire Nearest Union Pacific Agent

\$25.00

TO

**Los Angeles
San Francisco
and Portland, Ore.**

via

Rock Island System

Corresponding low rates to all intermediate points.
 Tickets on sale March 1 to May 15, inclusive.
 Two through Trains daily via El Paso or Colorado
 Springs.

For full information see your nearest Rock Island
 Agent or write to

**J. A. STEWART, Gen. Agent,
 Kansas City, Mo.**

The Southwest Limited

Is the electric-lighted train between Kansas City and
 Chicago that took first place in its first year, and HOLDS
 IT. Its route is via the short line of the

Chicago, Milwaukee & St. Paul Railway

Leaves Kansas City, Union Station, 5.55 p. m., and
 Grand Avenue Station 6.07 p. m. Arrives Union Passen-
 ger Station, Chicago, 8.55 a. m., the next day.

Carries compartment and standard sleeping cars, din-
 ing car, observation-library car, reclining chair car and
 coach. It is electric lighted, steam heated, and perfectly
 ventilated throughout, and runs over a track protected by
 the absolute block signal system all the way.

If you are contemplating a trip East or North, and
 will forward the attached coupon with blanks filled, con-
 siderable information about rates, routes and train service
 will be forwarded by return mail, free.

G. L. COBB,

Southwestern Passenger Agent,
 907 Main St., KANSAS CITY, MO.

Name.....

Address.....

City..... State.....

Time of Trip.....

Probable Destination.....

FOLLOW THE FLAG.

**BAPT.**

WABASH
 MAKING EL S
 FREIGHT

**THE WABASH WILL BE THE POPULAR
 ROUTE TO THE**

Southern Baptist Convention, Kansas City.

Look Out for the Baptist Special: **"THE GOODFELLOWSHIP TRAIN,"**

To the NORTHERN ANNIVERSARIES at St. Louis
 After Adjournment of the Southern Baptist Convention.

Round Trip **\$8.50** Round Trip

KANSAS CITY TO ST. LOUIS.

WATCH for our **Wabash Cap Man**,—a walking question box—to
 answer all questions regarding Kansas City. He will be at the delegates' command
 on arrival at our Union Station.

We refer to our mutual friends: Rev. F. C. McConnell, Stephen A. Northrop,
 and the Rev. S. M. Brown, of *The Word and Way*, or Rev. J. M. Gurley, Kansas
 City, Kas., or Rev. W. H. Eaton, Clay Center, Kas.

For particulars address:

L. S. McCLELLAN,

Western Passenger Agent Wabash R. R.

903 Main St., KANSAS CITY, MO.



MOORE'S

HOG REMEDY

The Original Hog Dip and Feed, used and endorsed by thousands of
 the leading hog breeders of the country. Kills all vermin; cures mange,
 scurvy and all skin diseases. It makes the skin soft; removes worms,
 cures cough, aids digestion, kills fever germs, and IMPROVES THE
HEALTH AND VITALITY OF YOUR HOGS. Positively non-injurious to
 eyes, skin or hair. Price, \$1.75 per gallon, at dealer's or direct, ex-
 press paid. Send for free book on Care of Hogs.

Moore Chemical and Mfg. Co., 1501 Genesee St., Kansas City, Mo.

DAN PATCH 1:56 IN 6 COLORS MAILED FREE



The Colored Lithograph we will send you is a large reproduction of the above engraving, and is made from a photograph taken of Dan while he was going at his highest rate of speed. It is one of the finest motion photographs ever taken and is as natural and life like as if you actually saw Dan coming down the track. It shows Dan flying through the air with every foot off of the ground.

It is Printed in Six Brilliant Colors. Size 24 by 34 inches. Free of Advertising.

MAILED FREE IF YOU ANSWER

1st.—How Much Stock Of All Kinds Do You Own?

2nd.—Name Paper in Which You Saw This Offer.

Write to.....International Stock Food Co., MINNEAPOLIS MINN., U. S. A.

MADE HIS PIGS 4½ MONTHS OLD WEIGH 200 LBS. CURED HIS CALVES OF SCOURS

INTERNATIONAL STOCK FOOD CO. ELGIN, NEBRASKA.
DEAR SIR:—We have just received one of your books and a picture of Dan Patch. We were reading what some have to say about "International Stock Food." We will say that it is the finest thing ever fed to stock. We had a litter of pigs the second week of July; we took good care of them and fed "International Stock Food," and when four and one-half months old they weighed 200 pounds. Everyone says they are just simply fine and they think my pigs are March pigs instead of July pigs. The pigs were weaned only three weeks when we sold the mother, weighing 350 pounds. It would take something besides corn to come up to that. My calves had the scours so bad they passed nothing but blood. I fed "International Stock Food" and never lost one of them. My neighbors lost a great many calves last spring, and we not one, so I just laid it to feeding "International Stock Food."
Yours truly, ED. BATIE.

We Have Thousands of Similar Testimonials. We Will Pay You \$1000 If They Are Not the True Experience of Practical Feeders. Beware of Cheap and Inferior Imitations and Substitutes. "International Stock Food" is Fed Every Day to Our World Famous Stallions, Dan Patch 1:56, Directum 2:04½, Arion 2:07½, Roy Wilkes 2:08½, and to Our One Hundred Brood Mares and Their Colts.



Largest Stock Food Factory in the World. COVERS OVER A CITY BLOCK. It Contains 18 Acres of Floor Space. Also Large Factory at Toronto, Canada, Containing 50,000 Feet of Space. Capital Paid in \$5,000,000.00.

WRITE US AT ONCE FOR LARGE, COLORED LITHOGRAPH OF DAN PATCH, THE FASTEST HARNESS HORSE THE WORLD HAS EVER SEEN. VALUED AT \$150,000.

A TIMELY TIP ABOUT A DIP



DIPOLENE

When you buy a dip you expect to get results. But you don't expect to dip a dozen times. You want a dip that will quickly kill disease germs and parasites but not the stock nor damage the wool. You want a dip that's non-poisonous, pure, harmless, a dip that's good for sheep, hogs, horses, cattle. You want a dip that's as good a preventive as it is a cure, at a cost that is low. Dipolene is the dip you want. If you'd like Free Sample to try it before you buy Free Sample it send for a free sample and test it at our expense. Send for "Dipping for Dollars"—a book every owner of stock will appreciate reading. It is free. MARSHALL OIL CO., Box 14, MARSHALLTOWN, IA.

FREE P

The "Dipping Proposition"—a book on the common ailments of animals and a Simple Remedy—with a sample of the remedy, Carbolic Dip, sent free. Sample will demonstrate that the Dip is a sure cure. Book will save you money. Prescott Chemical Co., 1824 Pearl St., Cleveland, O. (Distributing Depots at Kansas City and Chicago.)

When writing advertisers please mention this paper.

THE JAYHAWK STACKER

THE BEST STACKER MADE

Entirely Up-to-Date. Easy on a Team.



The Jayhawk Stacker keeps four buck rakes busy without killing the man on the stack. Give it a trial. Sold under strict guarantee. We also manufacture sweep rakes that will leave the hay on Stacker Fork and not scatter it when backed out. We sell our goods direct to farmers and guarantee satisfaction. Write for Descriptive Circulars.

The F. Wyatt Mfg. Co., Box 100, Salina, Kansas

MAPLE GROVE PERCHERONS

Forty to fifty stallions and mares, winners at the World's Fair and offspring of stock sold at Omaha last year. Considered by horsemen the best stock of horses west of the Missouri River. Also a few good grades. I am closing out at bargain prices. Write, or better come and see them.

MARK M. COAD, Fremont, N b.

Combination Sale of Thoroughbred Cattle and Hogs

COFFEYVILLE, KANSAS.

APRIL 27 and 28, 1905.

100 Head of Stock Consigned by the Following Breeders:

Shorthorn Cattle:—H. M. Hill, Lafontaine, Kansas; A. A. Clark, Fredonia, Kansas; W. W. Dunham, Fredonia, Kansas; H. E. Bachelder, Fredonia, Kansas; Deming Ranch, Oswego, Kansas; and S. E. Myers, Chanute, Kansas.

Hereford Cattle:—Sam'l Drybread, Elk City, Kansas; Fred Perkin and Deming Ranch, Oswego, Kansas.

Poland China and Duroc Jersey Hogs:—POLAND CHINA—A. G. Lamb, Eldorado; E. E. Wait, Altoona; A. J. McDowell, Elk City; H. M. Hill, Lafontaine, Kansas, and Deming Ranch, Oswego, Kansas.

The cattle consist of an extra fine lot of fine young bulls, cows and heifers, selected from as good herds as there are in the state.

The hogs are an exceptional fine bunch of bred and unbred gilts, boars of serviceable age and brood sows.

The sale will be rain or shine as arrangements have been made to hold it under cover. The hogs will be sold April 27, 1905, and the cattle April 28, 1905.

Sale begins at 1 o'clock each day. Pedigrees furnished for each animal sold. This promises to be one of the finest stock sale ever held in the state and everybody should attend it whether you buy or not.

Railroad Facilities:—The M. K. T., Santa Fe and Missouri Pacific enter Coffeyville. TERMS OF SALE:—CASH. For Catalogues, apply to breeders, or to

H. E. Bachelder, Sale Manager, Fredonia, Kans. Col. J. W. Sheets, Fredonia, Kansas, Auctioneer.

EXTREMELY LOW RATES



To California, Oregon, Washington, and Points East this Summer.

Homeseekers rates to points in Arizona, Colorado, New Mexico, Texas, Indian Territory and Oklahoma, on 1st and 3rd Tuesdays of each month.

STEAMSHIP TICKETS To and from all parts of the world. Lowest rates and best lines represented.

Address

T. L. KING,

C. P. & T. A.

TOPEKA, KAN.

LUMP JAW.

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

FOR BEST VACCINATION AGAINST BLACKLEG

Use Only the Vaccine Made by the Discoverers, namely,

"PASTEUR"

"BLACKLEGNE" is the best and most convenient. Pasteur Vaccine Co., Ltd., Chicago, New York, San Francisco

YOU'RE NEEDED

From St. Louis, Hannibal or Kansas City to Galveston or San Antonio via the Missouri, Kansas & Texas Railway is a stretch of over one thousand miles of territory, capable of sustaining double the present population. A thousand industries; a fertile soil; a wonderful produce of plants and crops, oil, gas and minerals are to be found. Peopled by eager, pushing, wide-awake citizens who believe in the future and see the virtue of encouraging enterprises of every description and of getting more and better facilities, the opportunity is apparent.

The Southwest needs workers. More men are needed—you're needed. There are vast areas of land not yielding the crops of which it is capable. The same thing is true of the towns. Few lines of business are adequately represented. There are openings for mills and manufacturing plants, small stores, newspapers and lumber yards. The oil and gas fields of Kansas, Indian Territory and Oklahoma are practically new and offer wonderful opportunities for development along commercial lines.

With its present needs and opportunities, the prospects are brighter and the future more hopeful in the Southwest than in the older and more densely populated States. Why not investigate conditions and satisfy yourself?

AN EXCEPTIONAL OPPORTUNITY LESS THAN ONE FARE FOR THE ROUND TRIP

On March 21, and April 4 and 18, excursion tickets will be sold to Kansas, Indian Territory, Oklahoma and Texas, at

Take advantage of this opportunity and see the Southwest for yourself.

We are in possession of all sorts of information valuable alike to the investor and homeseeker. If you are interested, tell us what you want, how much you have to invest and we will gladly furnish the information.

Write to-day for a copy of our book "Business Chances." It's free. Address

GEORGE MORTON,

G. P. & T. A. Box 910, St. Louis, Mo.

