



Volume XLIV. Number 3

TOPEKA, KANSAS, JANUARY 18, 1906

Established 1863. \$1 a Year

# Farmers' Week in Topeka

**KANSAS IMPROVED STOCK-BREEDERS' ASSOCIATION SIXTEENTH ANNUAL MEETING.**  
Officers for 1906.

President, S. C. Hanna, Howard.  
Vice-President, Geo. W. Berry, Emporia.  
Secretary-Treasurer, H. A. Heath, Topeka.  
Assistant Secretary, I. D. Graham, Topeka.  
Directors: M. S. Babcock, Nortonville; Dr. O. O. Wolf, Ottawa; H. W. Avery, Wakefield; H. M. Kirkpatrick, Wolcott; E. Harrington, Baker.

The week beginning January 8, was a notable one for Kansas and for Topeka, her capital. During this week there assembled in annual conventions, the men and women of Kansas who produced in the year just closed \$238,818,666 worth of agricultural products, and \$169,821,157 worth of live stock, or a total of \$408,639,823 of created wealth in twelve months. It has been well said that "Almost any man can be a lawyer, he only interprets the laws of man. Almost any man may become a banker, he only interprets the laws of finance. But it takes a great big man to be a farmer, he interprets the laws of God." They grow big men "out there in Kansas"—men who do things, whose history is one of accomplishments, whose present is one of prosperity and whose future is one of unlimited possibilities.

Experience and grit have made of the great American desert the garden spot of the world. They have shown that it is easier and vastly more profitable to practice farming in the so-called semi-arid region than elsewhere. With the careful study of the climatic and soil conditions of Kansas, a new agriculture is being developed that is suited to her needs, and that has already made of her the greatest wheat- and corn-producing State in the world, one of the great live stock producing States of the Union, and a State in which the possibilities are immense.

With the greatest agricultural experiment station on earth, the largest agricultural college in the world, and some of the best agricultural newspapers in the Union, as leaders in thought, these farmers of Kansas have studied their surroundings and have already attained an enviable position for their State,

**The Stock-Breeders, State Board of Agriculture, Bee-Keepers, Veterinarians, and Auctioneers All Had Interesting Meetings—The Poultry Show Was Better Than Ever—The Weather Was Fine and the Attendance Large**

though their work is but fairly begun. Naturally endowed with bright minds and abundant energy, they have studied the conditions under which they live to the end that they might succeed.

One of the best means of self education employed by these farmers is their annual assembly in their various conventions included in Farmers' Week in Kansas. This week began with the opening on Monday of the sixteenth annual meeting of the Kansas Improved Stock Breeders' Association. This great association now numbers nearly 1,000 members and includes breeders of all classes of stock, from the lordly Percheron to the helpful hen. It was presided over by Hon. T. M. Potter, of Peabody, than whom there is no farmer in the State who has done more for progressive agriculture. The program was filled with good things, mostly contributed by Kansas men who know whereof they speak and speak of what they know. The attendance was large and the enthusiasm great, and the meeting as a whole was pronounced to be one of the best ever held by this association. So highly was the program appreciated

by those in attendance that a special vote of thanks to the secretary and assistant secretary was passed by the association for the efforts they had put forth in the completion of this program.

Among the speakers from outside the State who addressed this association were F. D. Tomson, of the Breeder's Gazette, Chicago, who gave an excellent address on "The Stockman and the Agricultural Press," Dr. T. W. Hadley, late professor of animal dentistry, Western Veterinary College, who opened the eyes of his auditors to new facts in his paper on "Animal Dentistry," Hon. N. H. Gentry, ex-president of the Missouri State Board of Agriculture, Sedalia, Mo., who discussed "Breeding the Winners." As Mr. Gentry has probably done more for the swine industry than any other man now living, and as he was the winner of practically all of the desirable Berkshire prizes at the World's Fair at St. Louis, his remarks were of special value. Mr. Geo. M. Rommel, Animal Expert Bureau of Animal Industry, United States Department of Agriculture, discussed "Government Encouragement of Imported Breeds of

Horses" in such a way as to show that he is worthy of his title of Animal Expert, and to greatly increase the esteem in which his department is held by the farmer. Among our home speakers was Prof. R. J. Kinzer, of the Animal Husbandry Department, State Agricultural College. Professor Kinzer is the man who fitted the grand champion steer of the American Royal of 1905, and the first prize group of three steers at the International Live Stock Show of 1905. His paper on "The Preparation of Stock for Show and Sale" was of particular value and was highly appreciated. Prof. Oscar Erf, of the same institution, who has charge of the Dairy Husbandry Department, gave an excellent illustrated lecture on "The Dairy Cow." Professor Erf is a man of more than State reputation and visitors at the Louisiana Exposition will remember with what skill he completed the great refrigeration plant and conducted it throughout the Exposition in perfect working order, after all others had failed. Visitors at the Kansas State Fair at Topeka, last fall, will remember the perfect model dairy which was installed by the Agricultural College under the direction of Professor Erf, and which made the most attractive exhibit of all the features of the fair. Professor Erf's paper was a revelation to men who were anxious to know more of questions regarding scientific feeding. One of the important papers of the session was that on "The Farm Flock" given by John D. Marshall, of Walton, who is an old-time sheep-breeder. As there is a revival of interest in sheep-raising in Kansas, this paper was particularly valuable at this time.

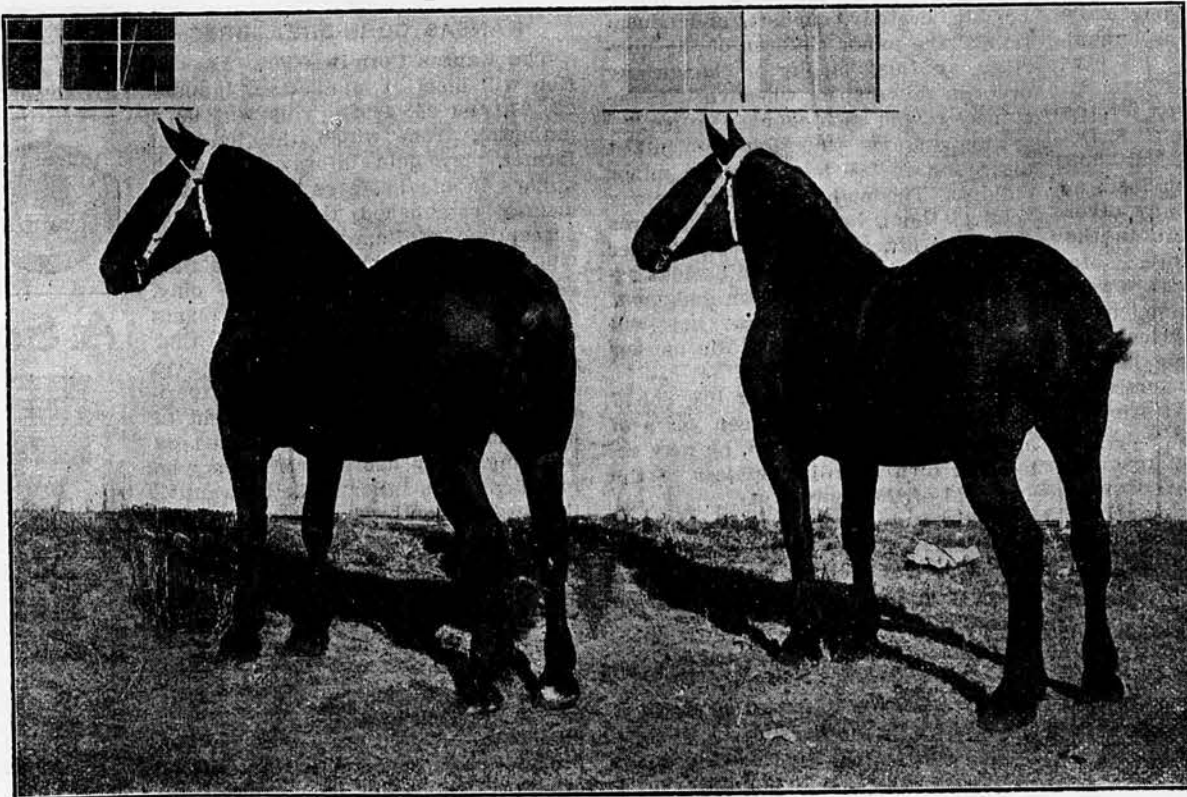
After the business session, one session was devoted to stock-feeders, one each to swine, cattle, horses, and two to general subjects.

Following will be found the president's annual address, the report of the secretary-treasurer, the resolutions adopted, and the papers presented at this great meeting:

**PRESIDENT POTTER'S ANNUAL ADDRESS.**

In his Thanksgiving proclamation President Roosevelt says: "During the past year we have been blessed with bountiful crops. Our business prosperity has been great. No other people has ever stood on as high a

(Continued on page 54.)



MINA AND LENA.

The World's Undeclared Percheron mares. Included with 48 others in the great dispersion sale of Henry Avery & Son, of Wakefield, Kans., at College Pavilion, Manhattan, Kans. February 24, 1906.



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Established in 1868.

Published every Thursday by the  
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Topeka, Kansas

SUBSCRIPTION PRICE: \$1.00 A YEAR

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

## ADVERTISING RATES.

Display advertising, 20 cents per line, agate (fourteen lines to the inch). Continuous orders, run of the paper, \$1.52 per inch per week.

Special reading notices, 30 cents per line. Special rates for breeders of pure-bred stock. 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 new advertising orders intended for the current week should reach this office not later than Monday.

Change of copy for regular advertisement should reach this office not later than Saturday previous to publication.

Every advertiser will receive a copy of the paper free, during the publication of the advertisement. Address all communications to

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The KANSAS FARMER will next week print a full report of the awards at the great poultry show.

The farmers in northern Shawnee County and all other citizens who desire to be represented in the next Legislature by a strong, level-headed man who will efficiently and carefully promote and guard the best interests of the county and State are to be congratulated upon the fact that A. E. Dickinson has consented to be a candidate for the nomination of his party for Representative. Every farmer and every business man in his district ought to roll up his sleeves and make Mr. Dickinson's nomination unanimous.

George F. Thompson, editor for the Division of Animal Industry, U. S. Department of Agriculture, died suddenly of pneumonia on the sixth inst., at Washington, D. C. Like many other of the most efficient workers in the Department of Agriculture, Mr. Thompson was a Kansas man. Twenty years ago he was superintendent of printing at the Kansas Agricultural College. The writer first met him in September, 1885, and has numbered him among his most valued friends. Mr. Thompson did well any work he undertook. His advancement resulted only from merit. His death occurred in the prime of mature manhood. Had he lived to continue his work he would doubtless have climbed still higher.

The National Live-Stock Association will hold its next annual meeting at Denver, January 30-31 and February 1. The Western Live-Stock Show will be held at Denver on the same dates with the meeting of the Live-Stock Association.

An excellent bulletin entitled "Cattle, Sheep and Hog Feeding in Europe"

was prepared recently by W. J. Kennedy of the Iowa State College and was published by the U. S. Department of Agriculture. Copies may be had by addressing the Department of Agriculture, Washington, D. C. Many have applied to the Iowa State College. This institution can not supply the bulletin though it was prepared by one of its men.

## TEMPORARY IMPROVEMENT BY RENTER.

EDITOR KANSAS FARMER:—I am a tenant on a farm. My lease began March 1, 1905, and expires March 1, 1906. When I came on the farm there were no hog lots and the owner of the place would not furnish anything to make a hog corral with, and, desiring to handle some hogs I put up a corral with woven wire. Now I want to know, through the columns of the Old Reliable KANSAS FARMER if it is any crime for me to remove my corral and posts, and if it is I would like to know what the penalty is. X. X. X. Clay County.

Under the statement of facts here given the tenant may remove the temporary improvements without asking the consent of the landlord. Pig-pens built by a tenant must have been built for temporary and transient purposes and as such do not become a part of the realty.

## RED SQUIRREL.

EDITOR KANSAS FARMER:—According to the game laws of Kansas the red squirrels are not allowed to be killed. Can you tell me in what part of the State the red squirrels are to be found? We have a black squirrel and also what I call a fox squirrel. The last-named has a reddish-gray back and tail but is a light-red around the front legs. Is this the red squirrel?

Washington County. JOHN BROWN. The red squirrel is called by the scientists *Sciurus hudsonicus*. He is described as resembling the fox squirrel in form and color but as being smaller. The red squirrel is said to be extending his territory westward in Kansas following the development of timber-belts and hedges. He is especially attracted to sections where nut-bearing trees are produced. Dr. G. Bohrer, of Lyons, Rice County, says the red squirrel has now gone as far west as Barton County.

## THE COURT DISPOSES OF THE CHILDREN.

EDITOR KANSAS FARMER:—Please tell me the age below and finally above which, according to Kansas laws, a mother can claim the child—boy—in case of separation or divorce.

Kansas City, Mo. A. P. J. The Kansas Statutes, Chapter 96, Sec. 69 provide:

"When a divorce is granted the court shall make provision for guardianship, custody, support, and education of the minor children of the marriage, and may modify or change any order in this respect whenever circumstances render such changes proper."

The court is thus left the fullest discretion in providing for the minor children. The mother or the father may "claim" them, but the court inquires as to the fitness and ability of either parent to have charge, and decides according to the court's own judgment without limitation of law, but will usually give preference to the mother in case of a child in arms.

It is provided in Chapter 108, Sec. 7 "If a minor be over fourteen years of age and of sound intellect, he may select his own guardian subject to the approval of the court."

This statute has especial reference to orphans but may be and often is observed by the court in determining to which parent the child shall be entrusted in case of divorce.

## WANTS TO SHIP MARE.

EDITOR KANSAS FARMER:—I have a fine mare which will bring a colt next June. Now, I wish to move to North Dakota—would like to go latter part of February. Would it be advisable to take her on the cars with one or two others in emigrant car, or would the

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risk be too great? If it would be advisable to take her, how would I have to fix the car, etc.

CLEM M. HUBBARD.

Beaver County, Okla.

The editor has inquired of some horsemen as to how extensive a risk would be taken in shipping the mare as suggested. All say there will be some risk. But every one has stated that if he were moving as you propose, he would take the mare with him and assume the risk. It is advised that you provide her with box stall 4 feet wide if she is of average size, and pad with plenty of hay. Fasten securely a well-padded, strong bar across the stall in front of the mare's breast. Some advise that you place her with her head toward the end of the car and others say place her head toward the side. She should be taken out of the car at every opportunity and should not under any circumstances be permitted to stand more than 36 hours without rest.

## KANSAS CORN-BREEDERS.

The Kansas Corn-Breeders' Association will meet at Manhattan, January 22, 23, and 24, 1906. This will be a gathering from which the practical farmer may gain information worth dollars in his business. It has been clearly established that plants are susceptible of improvement by judicious breeding. In this respect they differ from animals in degree only, and in degree of susceptibility plants exceed animals. Further than this, corn is one of the easiest plants to modify by breeding. Recent experiments have shown that the yield of corn may be materially increased by breeding. Any characteristic may be modified. If a taller stalk be wanted, the breeder can produce it. If a shorter, a heavier or a stronger stalk be wanted the breeder can produce it. If a longer ear, or a thicker ear, a broader grain or a deeper grain be wanted, the breeder can produce them. If corn richer in protein, richer in starch, or richer in oil be wanted, the breeder can produce it. It has not yet been demonstrated that the breeder can produce a strain of corn that will be drouth-resistant, but he may well address himself to the problem for there is hope of success.

This corn-breeders' meeting will be

a school which may well be attended by farmers both old and young.

Take a receipt for your railroad fare, for, if 100 persons present such receipts, the return trip will cost but little. Go to Manhattan, to the Agricultural College, next Monday with preparation to stay three days.

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## Agriculture

### Grasses for Southern Kansas.

Will you have the kindness to let me know what are the hardest and best kinds of grasses for, say one-half acre in town used for chickens to run on, also for dooryard-grass? I have it now in white clover and blue-grass, but the crab-grass and foxtail are killing it out. I have read of Bermuda-grass and Japan clover being hard to kill out, but know nothing about them; the foxtail and crab-grass seem to be killing tame grasses out here in the last few years. I am anxious to get something that will cover the ground thick and not grow very high; if you advise the use of these grasses, where can I get the seed? I am well satisfied with white clover and Kentucky blue-grass, but it can not hold its own with foxtail and crab-grass. Will Bermuda-grass grow in this climate, 25 miles north of Indian Territory (Elk County)?

Elk County. V. BLAKE.

The Japan clover is becoming established in your section of the State and seems to be quite hardy. I have also received some reports of the Bermuda-grass succeeding in Southern Kansas. However, either of these crops are likely to winter-kill in the most severe winters, since they are Southern crops and adapted to a warmer climate than Kansas conditions afford. It may be possible to adapt these plants for growing in the southern part of Kansas so that they will become hardy and productive. The Bermuda-grass spreads very rapidly and is not easily eradicated; this is also true of the Japanese clover. However, I do not consider this a serious fault for these crops in Kansas, as the plants will not become noxious weeds.

White clover and Kentucky blue-grass should succeed fairly well; possibly the fault is that you have pastured the grasses too closely. Poultry-yards should be divided so that the fowls may be kept off a part of the grass for a time, allowing it to make a strong and vigorous growth, when the poultry may be turned on again, giving a chance for the remainder of the yard to get a growth of grass and clover. Possibly, however, white clover and Kentucky blue-grass will not produce successfully unless a little water be supplied by irrigation during the dried portions of the season.

If the land in question is open (not planted with fruit or shade-trees), I would recommend seeding Bromus inermis and English blue-grass with a little alfalfa, or alsike clover—or alfalfa alone may be used for poultry pasture; and when once established, the stand is not readily destroyed by poultry, also the alfalfa will furnish an abundance of green forage. If the alfalfa grows too rank, it may be cut off when it will start quickly again. You can secure seed of the grasses named from any reliable Western seed company.

A. M. TENEYCK.

### Grasses for Dry Climate and for Timber Land.

What kind of grass is best for a dry climate like that of Rice County? I have a few acres of timber land that I want to sow to grass. I intended sowing English blue-grass, but was told it would not do well here. Please be so kind as to advise what kind of grass seed to sow.

T. J. MURPHY.

Rice County.

On open land in Rice County I would recommend sowing Bromus inermis. On the timber land I am not so sure what to recommend. Orchard-grass grows well in the shade, although it is not especially adapted for a dry climate. At this station in timber we would sow orchard-grass, Kentucky blue-grass, and white clover, and perhaps this would be a good combination in Rice County, on bottom-land, I would hardly recommend the Bromus inermis for timber land, although it grows fairly well in the shade; but being a very deep-rooting grass and a

strong grower it would tend to exhaust the moisture and fertility of the soil and perhaps injure the growth of the trees. I have found English blue-grass growing well on bottom-land as far west as Rice County, and perhaps a good combination for you to sow would be 20 pounds of orchard-grass, 10 pounds of English blue-grass, and 2 pounds of alsike or white clover, per acre, or you might sow Bromus inermis instead of English blue-grass or include a little Bromus inermis with the other grasses. You can secure seed of the grasses from Kansas seed companies.

A. M. TENEYCK.

### Seed-Corn for Eastern Kansas.

Could you tell which is the best variety of field-corn for Eastern Kansas (Johnson County), and where I can get pure seed? I have an early, medium-sized, white variety, that yielded 45 to 60 bushels this season, but would like something better.

Johnson County. P. J. ERNST.

Your corn which yields 45 to 60 bushels to the acre must be a very good variety, and it is doubtful whether you can introduce a variety which will yield more. Perhaps the best plan will be to breed up the variety which you now have, in order to make it a better producer. At this station, of the white dent corn, Mammoth White Dent, McAuley's White Dent, Boone County White, Hammett, and Silvermine, are among the best producing varieties. The first-named is late, the last two varieties are medium early and the other two are medium late in maturing. Of the Yellow Dent class, the Hildreth, Kansas Sunflower, Reid's Yellow Dent, Leaming, and Legal Tender, are good varieties. The Hildreth is a late maturing corn, but a large yielder at this station. The Kansas Sunflower is one of the best producing varieties and is medium late in maturing; the other varieties are medium early, but good producers. Of the calico corn the Griffing Calico has been one of the best producers in the tests made at this station.

We can supply you with seed of several of the varieties, namely: Hildreth, McAuley's White Dent, Kansas Sunflower, Boone County White, Silvermine, Reid's Yellow Dent, and Legal Tender. Can also supply you with seed of the Early Mastodon corn, not mentioned in the above list, but a good yielding, medium early, white-capped yellow dent corn, which has been grown at this station for three seasons. I have mailed circular giving information regarding seed-corn and other seed grains sold at the Agricultural College.

A. M. TENEYCK.

### Corn Question—Lime on Alfalfa.

Please state price of one bushel of Reid's Yellow Dent corn and one bushel of Griffing Calico corn, the best seed you have.

Is there to be a corn school at your station in the near future? About what will it cost to attend this school?

Will air-slacked lime sprinkled over green or half-cured alfalfa hay as it is being stacked keep it from heating, keeping it bright and green?

Cloud County. E. W. LAMB.

I have booked your order for one bushel Reid's Yellow Dent and one bushel of Griffing Calico, first-grade seed-corn, which sells at \$2.50 per bushel for Reid's Yellow Dent, and \$2.00 for the Griffing Calico. The corn will be shipped to you at an early date. The Griffing Calico is grown by a neighboring farmer, W. J. Griffing; we have looked after the breeding of the corn.

The Kansas Corn Breeders' Association will hold its annual meeting at Manhattan, January 22-24. We expect to have a very excellent program, having speakers from outside of the State as well as home talent. Some demonstration work will be given in corn-judging. You should surely attend this meeting and bring some good corn with you if you have it, since prizes are offered for the best exhibit of ten ears each.

We have a short course in agricul-

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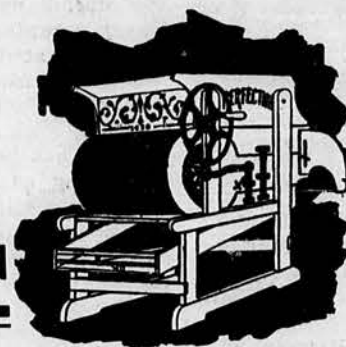
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## DO YOU WANT

TO SOW

20%

Less of Seed



AND REAP

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ture, which begins January 2 and closes March 23. There are no charges for this course except an entrance fee of \$3.00 and the expenses which you will have for board and room and a few books which are required in carrying on the work. I have mailed you a catalogue under separate cover. The Corn Breeders' meeting is free to all, and reduced rates will be given on all railroads, provided 100 or more tickets are sold. You should take a receipt for your ticket.

I have had no experience in using lime in stacking alfalfa hay, but have little faith in the theory that the lime will help to cure the partly green alfalfa. We were quite successful this season in curing green alfalfa in the stack or mow. The hay was cut in the forenoon and stacked in the afternoon, when it was just fairly wilted. The method is to stack in rather narrow stacks, which are well ventilated at the bottom, being built on layers of poles and brush, which allows a free circulation of air beneath the stack. The plan works best in a shed—in fact, we used a shed this season, covering the open bottom as described with four or five feet of hay at the first cutting, putting the next crop over this to the depth of four or five feet. This hay cured out fairly well, having a green, bright color, although the first stacking proved to be a little musty. We shall describe this method of stacking alfalfa in a bulletin which we are preparing for publication this winter. For further information, I would recommend that you write to Hon. J. W. Berry, president of our board of regents, Jewell, Kansas. Mr. Berry has practiced this method of storing alfalfa. A. M. TENEYCK.

### Durum Wheat.

On page 1720 of the KANSAS FARMER is an article on durum wheat, in which it is stated that the college secured a yield of 42 bushels from two varieties. I would be greatly obliged if you would answer through your paper the following questions: (1). What are the names of those two varieties? (2). How much seed was sown per acre? (3). What time in the spring was it sown? (4). Was the land fall- or spring-plowed?

ARTHUR A. PATTERSON,  
Ellsworth County.  
In the fall of 1903 we sowed three

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varieties of durum wheat, the Ghar-novka, Velvet Don, and a variety of durum wheat secured from the Iowa Seed Company, Des Moines, Iowa. This variety was not named, but was simply called "macaroni wheat." The Ghar-novka and Velvet Don varieties were entirely winter-killed, but about 1 per cent of the plants of the variety secured from the Iowa Seed Company stood the winter, and from a tenth-acre plot we harvested about a peck of wheat. In the fall of 1904 we sowed this wheat, which we have called "Winter Macaroni." Also, we sowed two other varieties, the Kubanka, seed of which was secured from the McPherson Station, and another sample of durum wheat secured from the Iowa Seed Company. All of these varieties stood the winter fairly well, the Winter Macaroni yielding at the rate of 42.6 bushels per acre, the Kubanka gave a yield of 34.3 bushels, while the wheat secured from the Iowa Seed Company in the fall of 1904, yielded 31.8 bushels per acre. Last fall we seeded a small plot of each of these varieties, and also sowed an acre or more of the Winter Macaroni for increasing the seed. Observations made a few days ago indicate that this wheat has been severely injured by the dry, cold fall conditions. Perhaps it has not been entirely killed, especially the Winter Macaroni, which looks better than the other two varieties.

You will observe that the yields reported in the KANSAS FARMER of December 21, were the yields of the winter-seeded durum wheat and not of the spring wheat. We only sowed one variety of spring durum wheat in 1904, namely, the Velvet Don, which yielded at the rate of 18 bushels per acre. We have no seed of durum wheat for sale. At the Ft. Hays Branch Station durum wheat has been grown for the past three seasons as a spring wheat, the varieties giving the highest average yields are: Kubanka, 8.9 bushels; Velvet Don, 6.6 bushels, and Black Don, 6 bushels per acre, respectively. At the McPherson Station in McPherson County, as an average for the past three seasons the Kubanka yielded 11.5 bushels; the Black Don, 10 bushels, and the Pellissier, 8.6 bushels per acre, respectively. You can secure some seed of the durum wheat from the Ft. Hays Branch Station. You understand that the durum wheat is essentially a spring wheat and that it has not proven hardy for fall seeding in this State, except as described above.

As a rule, we sow a little more of the durum wheat than of ordinary wheat, sowing about six pecks per acre at the station farm. In Western Kansas less seed is sown, a bushel per acre being considered a sufficient amount. At this station the practice has been to sow as early in the spring as the soil is in fit condition for seeding. I find that in Western Kansas the farmers sow very early, often sowing in the latter part of the winter if the soil conditions are favorable. The best success seems to result from very early sowing, some farmers in Ford, Thomas, and Sherman Counties, have reported very large yields, as high as 40 bushels per acre, from spring-sown durum wheat. The yields at the Ft. Hays Branch Station have been comparatively low, perhaps on account of too late seeding in the spring. On account of the necessity of early sowing the land should be fall-plowed, or land which has grown cultivated crops such as corn may be prepared for seeding by disking and harrowing. Our method at this station is to always sow spring wheat on fall-plowed land or in corn-stubble. The seed of durum wheat may be secured from Kansas seedsmen.

A. M. TENEYCK.

When my young nephew of three years was told the story of Ananias and Sapphira being struck dead for telling a lie, he thought long and hard, then replied, "Grandma, God ain't as particular as he used to be, is he?"—Exchange.

## Horticulture

### Native Trees of Kansas.

READ BEFORE THE WEST SIDE FORESTRY CLUB BY WRS. GEO. W. TINCHEP.

(Continued From Last Week.)

#### RED BIRCH.

The red birch or river birch is found in only very few counties in this State. In its native locality, it grows to a good height, but in Kansas the trees are small and only a few of them are to be found. As its name implies, it loves the water and is found among the maples and willows bordering many of our southern streams. It is a beautiful tree and were it not for our climatic conditions, would be classified among the list of our ornamental trees.

#### HOP OR HORNBEEAN.

This tree is very rare in the State, and I do not know from what county it has been reported, but we have it reported, nevertheless. This tree thrives in only a temperate climate, enjoying neither extreme heat or cold, resembling the beach, in some ways, and by some is called "the blue beach." It is another tree not adapted to Kansas growth.

#### WHITE OAK.

The white oak is scattered sparingly throughout many of our counties in the eastern half of our State. It grows to a great size and is valuable for its timber. It is, perhaps, the best known of all the oaks. It has been in use for many years by artisans, for cabinet work, and fine house work, etc. It grows to its greatest perfection in Southern Ohio. The autumnal tints of the white oaks are beautiful, and they, together with the red oak, form much of the brilliancy of our oak forest in the fall.

#### SWAMP WHITE OAK.

The swamp white oak is also sparingly distributed throughout the eastern part of the State. The tree is somewhat similar to the white oak, with the exception of the leaf. It loves the borders of streams and moist places. The leaf of the swamp oak is decidedly lobed and the autumnal tint is a dull yellow, being anything but handsome to the coloring of a forest leaf. The famous Wadsworth oak, so named from the estate upon which it grew, was one of these swamp oaks, its circumference being 27 feet. Through this historical connection its memory has been kept green.

#### QUERCITRON OAK.

The quercitron oak is found in small quantities in a few of our eastern counties—never growing abundantly in any of them.

#### BLACK SCRUB OAK.

This tree grows in a number of our Kansas counties and will be found in many localities intermingled with the burr oak which flourishes in a clayey soil.

#### SPINDLE OAK.

The spindle or laurel oak has its home in Southern Ohio or rather it grows to its greatest perfection in that locality. This tree, however, grows in quite a large portion of the eastern third of our State. One peculiarity of this tree is that the leaf somewhat resembles the peach or ash leaf, not being lobed, an unusual feature in an oak leaf.

#### BURR OAK.

The burr oak or mossy cup oak is found growing in large numbers and covers a greater territory than any of the oaks to be found in our State. This oak grows as far north as Manitoba and extends as far south as the northern part of Mexico. The leaves are decidedly lobed. The wood is reasonably valuable, but not so much so as the white oak. It makes a beautiful lone tree. It is best to plant it where the tree is desired to grow and its growth is reasonably rapid while young.

#### CHESTNUT OAK.

The chestnut oak is found only along the Missouri River, bordering

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**ELECTRIC**

the streams in that part of the State.  
**JACK OAK.**

The jack oak is found in the northern part of the State in a few counties, but not in very large numbers.

**PIN OAK.**

The pin oak is a beautiful, graceful tree that grows to its greatest perfection in the Mississippi Valley, and it is found in only a limited number of counties in this State. Its greatest beauty is when the tree is young. Its stem rises in an unbroken shaft with branches extending at regular intervals, making a very beautiful, symmetrical head. The acorns are very small and flat. It is a beautiful individual tree and should be so utilized.

**RED OAK.**

The red oak grows abundantly in the eastern half of the State, and is one of the prettiest oaks that we have growing in this locality. It is a companion to the pin oak, as its greatest beauty is during the early life of the tree. The foliage of the red oak is perhaps more beautiful than any of the oaks in the fall of the year. Its only rival in Kansas is the white oak, and the reds so greatly outnumber the whites that the rivalry amounts to nothing. This tree should by all means be planted, as it is easy to handle, grows rapidly, and will repay any one who is a lover of trees and outdoor pursuits to undertake the raising of this tree.

**POST OAK.**

The post oak is found in only the extreme northeastern part of the State. This tree loves to grow at the edge of the timber or in sheltered places, but not to be crowded by other forest trees. The tree has a straggling, ungraceful habit of growth and is not especially pleasing to the eye.

**WHITE POPLAR.**

This tree grows very sparingly in a few of the northeastern counties. It is a species of tree somewhat resembling the cottonwood, growing to a very great size. The wood is quite valuable for lumber. It does not grow on our dry prairies.

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The cottonwood is perhaps more

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largely distributed than any other tree growing within the State. This can be accounted for from the fact that the seed ripens early in the summer and is of such light textures that it flies in every direction, and, coming in contact with the soil under favorable conditions, the result is a cottonwood thicket. A most notable illustration of this fact immediately followed the great flood of 1903, when the water had receded, leaving the ground in an ideal condition for seed, millions of young cottonwoods rooted and commenced their growth that season. The tree naturally loves low, moist soil, but we find it growing out on the high prairies even to the west line of the State. The trees on this high prairie soil are short-lived, because the roots cannot grow to water and without an abundant supply of water the tree cannot live. Many people object to the rattle of the cottonwood leaves in summer, while others consider it sweet music. Surely the cottonwood has gained a reputation for itself within the State that will be lasting for all time.

**THE HEART-LEAFED WILLOW.**

This is one of the species of willows we find growing along the Missouri River, and in no other part of the State.

**SILKY WILLOW.**

This is also found growing along the Missouri River and in Cherokee, Reno and Shawnee Counties, and away out to Finney County.

**PRAIRIE WILLOW.**

The prairie willow is found in only Riley and Barton Counties.

**BLACK WILLOW.**

This is our common willow that we find growing everywhere. It is not much of a tree. It is never planted for ornament, yet we find it scattered throughout the timber-growing regions of the State.

**LIMBER-TWIG WILLOW.**

This, as its name implies, is a very limber tree found only in Shawnee and Douglas Counties.

**RED CEDAR.**

In early days, this tree was distributed sparingly throughout nearly all the eastern portion of the State, and as far southwest as Barber County. It grew among the rocks and bluff places along many of our streams. Its wood is very valuable for posts, and this is one of the reasons why the tree soon became extinct. This tree is distinguished by being more widely distributed throughout North America than any other tree; growing in a greater variety of soils and climatic conditions. It reaches its greatest perfection in Kentucky and Tennessee, where it is really a fair-sized timber-tree.

**YELLOW PINE.**

The famous southern yellow pine is reported as having been found in the extreme southeastern corner of the State, but is now extinct.

**PAPAW.**

The papaw is one of our beautiful, small, timber trees which you will find growing in conditions similar to the wafer ash, and having been crowded out by the larger trees of the forest, has contented itself to grow in the shade along with the wafer ash, red bud, and many of our forest shrubs. The papaw tree is a lover of very rich soil, and wherever a bunch of these trees are found, it can be pretty safely calculated that the soil is of a rich nature. The fruit of this tree is eaten by some people and is very objectionable to others. We find it sometimes for sale at our fruit-stands in the city of Topeka.

This concludes the list of native forest-trees found growing within the State. It is, indeed, a very interesting subject, and one we all can enjoy, because everybody loves the forest and the forest-trees.

**Explained.**

She—Your dog was trying to bite me, sir!

He—(Touching his hat): Yes, madam; he has a sweet tooth.—Yonkers Statesman.

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**FOR SALE**—Dairy Farm in Loudoun County, Virginia. Between three and four hundred acres. Less than one and one-half hours' ride from Washington. Good railroad facilities. Outbuildings complete in every respect and in first-class condition. Good fencing. Large silo, filled for winter. Two dwellings on place for manager, etc. Good watering facilities with large storage tank. Excellent herd of cattle and well equipped dairy. Good land and whole farm can be cultivated. Excellent opportunity to purchase first-class, well-equipped dairy farm. **M. V. RICHARDS, Land & Industrial Agent, Washington, D. C.**

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In the United States today, soil, climate, markets, transportation facilities, and all considered.

### ARE SOUTHERN LANDS.

They are the best and most desirable in the country for the truck and fruit grower, the stock raiser, the dairyman and general farmer. Let us tell you more about them. The Southern Field and other publications upon request.

Home-seekers' Excursions on the first and third Tuesdays of each month.

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Southern Railway and Mobile & Ohio  
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**CHAS. S. CHASE,**  
622 Chemical Bldg., St. Louis, Mo.  
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## Merchandise Broker

Stocks of merchandise of all kinds bought and sold. Can handle your business anywhere in Kansas.

**J. J. CARTER,**  
Room 3, Central National Bank Bldg.,  
Topeka, Kans.

## FARMERS' WEEK IN TOPEKA.

(Continued from page 49.)

level of well-being as ours to-day."

And corroborating this statement so far as the farmers and stockmen of the Nation are concerned Secretary Wilson tells us that they have produced the incomprehensible amount of \$6,400,000 worth of products, and our own fair State is at the front of the procession in this remarkable achievement. Kansas nearly doubles any other State in the Union in her wheat-production and excels all others, except Illinois, in the value of her wheat and corn combined. Secretary Coburn tells us that our farm-products were worth \$238,000,000, and our live stock, including \$52,000,000 worth of animals sold for slaughter, \$169,000,000, making a grand total of \$408,000,000 to the credit of farmers and stockmen for the last year's efforts. Of this vast aggregation of wealth the stockmen of Kansas have produced \$222,000,000.

Our bank deposits have doubled within a few years, now reaching \$78 per capita, or about \$120,000,000; while the unprecedented advance in land values have increased the Kansas farmers' inventory in the last year many millions of dollars.

As we contemplate this wonderful

human slavery, warrant us in the hope and ambition of leadership as a commonwealth in this great country of ours.

Some one has well said there is no more West. Horace Greeley's advice was all right at the time he gave it, but as we stand here in the Capital of this great State and cast our eyes to the four points of the compass to decide where our young men might better go for cheap land and a place to build up an ideal home, it would be a debatable question whether they would better go north, south, east, or west, or stay in Kansas with the odds very much in favor of the latter proposition.

Barring Alaska, we are in the geographical center of the United States, and the center of population is making rapid strides toward our borders. Our climate avoids the extremes of either North or South and our Kansas ozone, in life-giving power, is almost equal to the four winds with which Ezekiel brought life to the dry bones in the valleys of Palestine. To-day the grain marts of the world wait to hear from conditions in Kansas before they fix the price of the product.

Think of it: Kansas raises about one-thirtieth of the wheat crop of the world and about one-seventh of the



ETHEL ALEXANDER 2ND SIR NETHERLAND NO. 26423.

First prize winner at the New York State Fair two years in succession; first prize at the Pan American Exposition at Buffalo, N. Y.; first prize and champion at Illinois State Fair; second prize at the World's Fair, St. Louis. Now at head of herd of C. F. Stone, Peabody, Kans.

growth and prosperity we are led to feel as did the Queen of Sheba when she beheld Solomon's glory and prosperity, that "the half has not been told," and we feign would exclaim in her spirit of surprise and admiration, "O, Kansas, happy are thy men, happy are thy servants that dwell continually within the borders and enjoy the rich bounties of thy prolific harvests."

Why do I bring this subject before the Kansas Improved Stock Breeders' Association? I am sure you will recognize its relevancy when I remind you that the breeding of pure-blood cattle and sheep and hogs and horses is not alone the goal to which we aspire, but along with the pure-bred stock and materially connected with it comes a high grade of citizenship, in which we are all deeply interested as patriotic citizens. The Standard-bred horse is usually connected with a home of high standard, and thoroughbred boys and girls mingle with Thoroughbred colts to the mutual advantage of each. Thus I come to you breeders with this subject to remind you of your privileges and also your obligations as citizens and members of this magnificent commonwealth.

As this Nation seems destined to lead in all the great world problems, so our location as a State, our resources developed and undeveloped, our probabilities and our history, the part we have played in National affairs, being the pivotal point of contest between freedom and slavery, which precipitated the conflict that settled forever the relation of the State to the General Government and wiped from the Nation's fair escutcheon the blot of

wheat of the United States! She raises ten times as much wheat as she consumes and about three times as much corn as wheat and twenty times as much meat as we can eat. Nearly one-half of the combined receipts that go to make Kansas City's stock yards the second greatest stock market of the world come from the farms and fertile prairies of Kansas.

If we have accomplished all this under the adverse circumstances attending the settlement of a new State, what may we not look forward to in the future, with a knowledge of our soil and conditions and adaptable crops, when, in cooperation with the Government, we shall have tapped the heads of our streams and turned their flood waters from a terrible engine of destruction and devastation to life-giving fountains on our fertile prairies of the western part of the State, awaiting only the application of water to make them a fruitful garden and blossom as the rose?

Then, too, Kansas is not only foremost in her physical and material resources, but she boasts a citizenship that is unsurpassed in its character, aims, and ideals. There are few States in the Union whose laws grant greater privileges or wider recognition to all classes and conditions. We have one of the largest agricultural colleges of the world. Our Normal School is of the first order and it is the aim of the present management to make our State University the leading educational institution of the Great West.

And in the language of our distinguished and honored Governor, the type of citizenship which we emulate



## Great Horse Remedy.

The legs and feet need watching and care. Ready for treating the common ailments saves many a valuable animal. Begin in time and Kendall's Spavin Cure is a positive, permanent cure for 99% of all cases of Spavin, Ringbone, Splint, Curb or Lameness. Keep it on the shelf.

### USED FOR YEARS.

Northumberland, Pa., Dec. 19, 1904.  
Dr. B. J. Kendall Co., Enosburg Falls, Vt.  
Gentlemen:—Please send me a copy of your "Treatise on the Horse and his Diseases." I have been a user of your Kendall's Spavin Cure for years and recommend it for man or beast wherever I have an opportunity. I have great confidence in its use; have cured three different cases where a horse doctor failed.  
H. J. STANNERT.

Price \$1; 6 for \$5. Greatest Liniment known for family use. All druggists sell it. Accept no substitute. The great book, "A Treatise on the Horse," free from druggists or Dr. B. J. KENDALL CO., Enosburg Falls, Vt.

## MACHINE OIL

### \$3.50 A BARREL

You will find it a better machine oil than anything you have been buying for 25 cents to 45 cents per gallon. Premium Oil is a natural oil, greenish black in color. There is no made oil that is superior to Premium Oil for engines, shafting, shops, elevators, thrashing machines and farm machinery. It will not GUM, has good body, is not affected by hot and cold weather as most oils are. If a farmer, you say you won't need as much as a barrel. Get your neighbor to take half of it. But remember \$3.50 for a 50-gallon barrel, and the empty barrel is worth at least one dollar; gives you oil at less than 5 cents per gallon at your railroad station. If within 200 miles in Kansas freight will not be over 75 cents per barrel. Sample sent on request.

**T. C. DAVIS, Benedict, Kans.**

Benedict, Kans., August 28, 1905.  
I have this day sold my interest in K. C. Dalley & Co. to T. C. Davis, who will hereafter conduct the business in his name. Signed, **K. C. DALLEY.**

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Send 10c for a whole year's trial subscription to the best hog paper in the world. Free sample.  
**SWINE BREEDER, Lincoln, Neb.**

**ALL STYLES  
LOWEST PRICES**  
**SCALES**  
30 DAYS  
FREE TRIAL  
PITLESS  
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**AMERICAN SCALE CO.**  
1204 AMERICAN BANK BLDG. KANSAS CITY, MO.

**\$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.

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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.  
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JONES' NATIONAL SCHOOL  
OF  
Auctioneering and Oratory  
Davenport, Iowa**  
6th term opens July 23, 1906. All branches of the work taught. Students now selling in 13 states. For Catalogue write Carey M. Jones, President.

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Address orders to **W. O. THURSTON,**  
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## Farmer's Account Book and Ledger

Saves time and labor—a few minutes each day will keep it; systematizes farm accounts in every department; shows in the simplest manner how to increase profits and decrease losses; endorsed by farmers everywhere. We stand ready to refund the purchase price on every book not found satisfactory. Write to-day for free circular describing the book in detail. Address  
**H. G. PHELPS & Co., Bozeman, Montana.**

**ASK ME** all the questions you desire about WASHINGTON—its climate, resources, products, etc. I'll answer—if you enclose 25c. **James Endaley, Ellensburg, Wash.**



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**For All Farm Stock**  
Every farmer should dip his stock in Dipolene—promotes health, Prevents Disease

It kills sheep ticks, lice on hogs, horses and cattle, fleas on dogs. Cures scab, eczema, mange and all skin diseases on domestic animals; lice on chickens. Dipolene does it in a minute without injury. One gallon makes 100 gallons of dip ready for use. Write today for price and FREE booklet, "DIPPING FOR DOLLARS—learn how easy it is to dip."

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BOX 13,  
MARSHALLTOWN, IA.

is composed of "Tall men, sun-crowned, who live above the fog in public duty and in private thinking."

It is a great honor to have had a part in laying the foundation and placing the superstructure of such a State as Kansas. And, like the founders of the Union, it is to be hoped that we have builded, even as they, better than we knew. And here allow me to suggest as to the proposed semi-centennial celebration in 1911.

It is a good thing to pause and review the work and recall the deeds of heroism and struggles and sacrifices that it has cost to bring Kansas to the prominent position she now holds among her sister States. We should impress upon the rising generation the cost that they may better prize the privileges they now enjoy, and be the better prepared to meet the responsibilities and obligations which these conditions involve. We should take an inventory of our stock in trade to show to the world not only our present accomplishments, but the possibilities of our great Commonwealth. This Exposition is a great undertaking, but only commensurate with the events we would celebrate and not too great for the great State of Kansas.

At a more opportune hour your president begs leave to submit for your consideration matters which he deems vital to the interests of this organization and to yourselves as individual representatives of the greatest producing industry of the State.

#### Breeders' Annual Banquet.

On the evening of January 10, the breeders' annual banquet was held at the Copeland Hotel. Secretary Heath introduced Thos. A. McNeal as the toastmaster, and it was nearly midnight before the feeders present were able to dispose of the following menu:

#### MENU.

Blue Point Oyster Cocktail  
Celery Hearts, Salt Wafers  
Cream of Fowl Nivernaise  
Radishes Olives  
Grenadins of Black Bass Point Shirly  
Potatoes Brabant  
Fillet Mignon Sauce Bearnaise

## CAR-SUL

The  
Disinfectant Dip  
That is Guaranteed.

Stronger and more efficient than any other. Absolutely harmless. Does not gum the hair, crack the skin, or injure the eyes. Kills all lice and vermin. Cures scurvy, mange and all skin diseases. Heals all cuts, wounds, galls and sores. For hogs, cattle, sheep, young stock, poultry and general household use it has no equal.

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on care of hogs and other live-stock. If your dealer does not keep Car-Sul, do not take an imitation but send to us direct.

We Pay the Freight.

**Moore Chemical & Mfg. Co.**  
Originators of Dipping Tanks. 1501-03 Genesee St., Kansas City, Mo.

## DETECTIVES

Shrewd men wanted in every community, to act under instructions, previous experience not necessary. Send for free book of particulars. Granun's Detective Bureau 110 Cincinnati, Ohio.

Succotash Baked Potatoes  
Potato Croquettes Petit Pils  
Braised Philadelphia Squab  
Waldorf Salad  
Neapolitan Ice Cream Assorted Cake  
Coffee

Mr. McNeal was an ideal toastmaster and it was one continuous and enjoyable performance until the wee sma' hours.

The toasts began with that of "Agricultural Education," responded to by Pres. E. R. Nichols of the State Agricultural College, followed by "The American Royal Live Stock Show," John M. Hazelton, Kansas City; "The Chicken Industry," Major Theo. Sternberg, of Ellsworth; "The Women," Hon. T. A. Hubbard, Wellington; "Home Life on the Farm," Mrs. Noble Prentiss, Topeka; "The Helpful Wife," Mrs. H. O. Garvey, Topeka.

Each of the distinguished speakers were happily introduced by Toastmaster McNeal, and the responses were clever and appropriate and met with generous applause from the 150 fine stock breeders present. It was the great social session of Farmers' Week at Topeka and an event long to be remembered.

#### Report of Committee on Resolutions.

Resolved, That we the members of the Kansas Improved Stock Breeders Association at our State Capital assembled, endorse and uphold President Roosevelt's recommendation to the Congress of the United States pertaining to the regulation of freight and passenger rates, and the control of inter-state commerce.

Whereas, It has become manifest that our export trade with foreign countries on our meat and agricultural products is suffering from unfavorable action induced by unfriendly reciprocal relations by the United States, be it

Resolved, That we urge prompt action by the Congress of the United States in devising in some form reciprocal trade relations possibly such principles as are inculcated in Section 4 of the Dingley Act and we believe the doctrine expressed by Mr. McKinley in his Buffalo speech to be absolutely essential to the welfare of our country and that whatever is essential to be done should be done quickly before the damage is irrevocable.

Whereas, The older and wiser heads among us including our honored and trustworthy President, warn us that the activity of the politicians is thwarting our honest and fairest purposes, and that the combinations of commercial interests throughout our State and Nation are tightening their grip upon the throat of our greatest agricultural interest, be it

Resolved, That we will to a man stop our plows in their furrows and go to our political primaries and see to it that our representatives are men of intelligence and honest purpose above commercial price and whose interests are with the greatest of our industries, agriculture.

Whereas, We are largely an agricultural and live-stock State, and whereas, we are receiving no encouragement from the State in the way of exhibitions, and whereas, we feel that these would be of great educational advantage to the State, be it

Resolved, That we use our influence on our legislators to pass such measures and make such appropriations as may be necessary for the establishment of a State Fair.

Whereas, The means at our command are inadequate for the proper publication and distribution of our Annual, and whereas, they are of an educational character and should be placed in the hands of every stock man in the State, and whereas we have a State printer with a fixed salary, be it

Resolved, That we petition our Legislature to print our Annuals and provide for the proper distribution of the same.

Whereas, The industrial enterprise of our stockmen of the Central Western States, coupled with the liberality of the Stock Yards Company, have established a great annual exhibition of cattle and horses worthy of emulation by the whole world,

Resolved, That we request the management of the American Royal Show to include breeding swine of all established breeds.

Resolved, That we appeal to the Stock Yards Company of Kansas City, which in the very center of the great stock growing section of the United States, to be more liberal in providing the facilities for maintaining what should become the greatest exposition of live-stock in the world, The American Royal.

Resolved, That this Association most heartily endorses the work of the Kansas Agricultural College in carrying farmers' institutes into every county of the State with a permanent and legal organization.

Resolved, That this Association endorses most emphatically the inauguration, by the farmers institute department of the Kansas Agricultural College, of a boys corn-growing contest.

Resolved, That the president and secretary of this association be authorized to open a pledge sheet to raise at least \$100 to pay over to the farmers institute committee of the Agricultural College to be used to buy medals for presentation to each boy

(Continued on page 60.)

# SLOAN'S LINIMENT

## AND VETERINARY REMEDIES

are a necessity to every  
Farmer & Stockraiser.

**MAILED FREE.**

Sloan's Treatise on the Horse,  
and Sloan's Advice on the  
Care of Horses, Cattle, Hogs and  
Poultry. Send your address to

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## PUBLIC SALE OF REGISTERED HEREFORDS

Sale Pavilion Stock Yards,

**KANSAS CITY, MO.**

**Wednesday, Feb'y 7, 1906**

At 10 o'clock a. m. sharp,

47  
Choice  
Heifers



19  
Young  
Bulls

An offering of strictly choice cattle of  
modern type and Anxiety 4th strain

Catalogue sent on request.

**GUDGELL & SIMPSON,**  
Independence, Mo.

## PUBLIC SALE LARGE ENGLISH BERKSHIRES

TO BE HELD AT

Jewell City, Ks., Feb. 2, '06



A select offering of 30 head from the Jewell herd comprising 22 head of sows and gilts bred, the remainder unbred gilts. All the yearling sows and March gilts are bred to Durham Prince 11th 81727. The others are bred to the Geo. W. Berry boar, Blackwood 86584. Bids can be sent to Col. John Brennan, care C. W. Elyea. For catalogue address

**C. W. ELYEA,**  
Jewell City, Kansas.

**KIRKPATRICKS POLAND-CHINAS** Public Sale. Expenses off price. Buyer satisfied or pig returned and money refunded. Splendid lot of young boars ready for service. A few fancy ones for the showman. 25 bred gilts guaranteed safe in pig to Pathfinder, half-brother of Medler. No better pigs nor fashionably bred in the corn states. Have been fed and raised expressly for prolific and profitable brood stock. Write or come and see **H. M. KIRKPATRICK, Walcott, Kansas.**



## The Young Folks

CONDUCTED BY RUTH COWGILL.

### Keep A-Trying.

Say "I will!" and then stick to it—  
That's the only way to do it.  
Don't build up awhile and then  
Tear the whole thing down again.  
Fix the goal you wish to gain,  
Then go at it heart and brain.  
And, though clouds shut out the blue,  
Do not dim your purpose true  
With your sighing.  
Stand erect, and like a man  
Know "They can who think they can."  
Keep a-trying.

Had Columbus, half seas o'er,  
Turned back to his native shore,  
Men would not, to-day, proclaim  
Round the world his deathless name.  
So must we sail on with him  
Past horizons far and dim,  
Till at last we own the prize  
That belongs to him who tries  
With faith undying:  
Own the prize that all may win  
Who, with hope, through thick and thin  
Keep a-trying.

—Nixon Waterman, in The Saturday Evening Post.

### The Printer's Devil.

ELLA LEE.

The printer's devil, the feller that runs the errands and does all the work that's too mean or dirty for anybody else to do, that's what I am—and I read the copy so as the proof-reader can cut out the mistakes that typesetter's makes, too. When I come in, one mornin' after bein' out runnin' fool errands for about two hours, Joe, the feller that runs the typesetter's machine, says:

"Say, Dick, have you seen the new proof-reader?"

"Naw," says I. "Has she come?"

"You bet she has," said Joe, an' I guess I'll hold copy after this."

I rubbed into the little proof-reader's office and then I says, "I guess you won't."

Then I went back and brushed my hair, and as it hadn't been brushed since the last show I had went to, which was a week ago the Sunday before, it took considerable time to get it in the notion of laying down. Then I printed some proof-sheets and took 'em to the proof-reader's office to be corrected. The old proof-reader was there showing the new one the ways of the office, and she says, "Dick, this is Miss Jenniss. You will have the pleasure of reading to her after this."

That proof-reader always did treat me kinder condescendin' and thought it was her duty to bring me up; but the new one looked up and smiled the sweetest I ever seen, and says:

"How do you do? I will have to call you Dick because Miss Jones didn't tell me your other name—though it might seem unduly familiar on such a short acquaintance."

Then she laughed and I knowed she didn't use them long words because she thought it was smart, but just for a joke. And I was real disappointed when Miss Jones said she'd hold the copy, 'cause the new proof-reader was the prettiest girl I ever seen except at the shows, and they say they ain't really pretty but just fixed up with paint and powder; but she wasn't 'cause you could see the pink just fade down into the white, like nobody could paint it.

I didn't get no show at gettin' acquainted that day but the next I got to hold some copy for her and I just couldn't read at all, and I just stumbled and didn't even know how to pronounce cat, but called it Kate; of course, that was jest my tongue that done that. But she was just as nice—never said a word—and I done better on the next galley till I seen Joe lookin' in the winder and then I most busted and got all mixed up.

But I got acquainted fast, and she didn't ever seem to think it was her duty to reform me or jack me up about smokin' or swearin' or goin' to the shows, like Miss Jones did; an' one day she says, "Did you go to the show last night?" And I says, "Yep, did you?"

And she nodded, and I says:

"Wasn't it bully?"

I was kinder surprised that she had

been there, but she went to talkin' about how fine it was and she said some things that I didn't know what she was talkin' about and I thought I must have slept part of the time. Then she says, "And I think Mrs. Wiggs was the funniest thing I ever saw."

Then I seen my mistake—she's been to a different show altogether an' I was shamed to own up that I wasn't there, so I says:

"Uh huh," and began readin' some more.

After she had finished the galley she says:

"What grade are you in, Dick?" An' I didn't know what she meant, an' she says:

"What grade in school, I mean—that is, what grade will you be in next term?" She seemed to think that of course I was in school, and I hated to tell her, but I up and says:

"I ain't been to school for three years, and I was in the sixth grade when I stopped when I was 11." And then I says, thinking I had caught her:

"What grade you in?"

She smiled and says, "I will be a junior in college next year."

That took me back considerable. I'd never thought of her goin' to school, and I didn't suppose anybody much went to college 'ceptin' those that was goin' to be teachers or preachers, and I didn't think she'd ever be a teacher, but I did know one bully feller that carried papers around our place when he wasn't playin' football and he wasn't a preacher, nuther. I thought mebbe she might know him, so I says:

"I knowed a college feller once, he carried papers over in our part of town."

"What was his name?" she asked, lookin' interested.

"Why, it was Jim somethin'," I says. And she looked more interested 'an ever and the pink in her cheeks got pinker and spread farther, and she says:

"Jim Lennox?"

And I says, "Yep, I believe that was his name, a bully big fellow that played football?"

"Yes," she says; and it made me grin and still feel kinder creepy to see her big brown eyes get so kinder soft. Then she says:

"He stopped school once, too, when he was in the seventh grade and now he is a junior in college and he made his own way, too."

Then she picks up the proof-sheet and starts me off and we didn't talk any more that day, but I kept wonderin' how that big college feller got there makin' his own way.

One day Joe was in the proof-readin' office—he liked to find excuse to come in, and he kept findin' more all the time, that's what tickled me; and he said, "Dickie, boy, there's some galleys need proofing up out there."

That made me mad, to have him treatin' me like a baby, but I went out 'cause I knew he didn't have no show with the proof-reader. When I come back she looked up and laughed and says:

Well, Dickie boy, did you get your galleys proved?"

"What makes everybody treat me like a baby?" says I, seein' she knew how things stood.

"I don't know," she says. "You don't seem like a baby to me; but if you would just get some of those wrinkles out of your face and get firm lines in it you would look most manly. Those wrinkles don't show manliness, they show wickedness. It takes firm lines to show manliness."

That was the most like a jackin' up she ever gave me; and when I went out in the composin' room I looked in the lookin' glass. If I was so bad that she see it in my face, I must be goin' some, an' I thought I had better lay some things aside. She had no other way of knowin' I was bad 'cause I never smoked when she could see me and I never swore when she was around. But, gee! I done it all the time just to tease the old proof-reader.

I hated to have fall come 'cause I thought she'd go back to college and



**For the  
Farmers Telephone Line**

To make the Farm Line successful and a paying investment for the farmer, none but good instruments should be used. There are many makes offered for this purpose, but few that can stand up to the work year in and year out.

**Stromberg-Carlson  
TELEPHONES**

are good instruments. This fact is proven by their years of continuous service and their constantly growing popularity. They cost a trifle more in the beginning, but repair bills soon make cheaper telephones expensive in comparison. Cheap instruments lose their talking qualities and are an aggravation and a nuisance. We have replaced hundreds of them, where lines were about to be abandoned, with our "Strong Phone"—which always retains its strong talking qualities, and they made such lines entirely satisfactory again. Write for FREE book 125-M, "How the Telephone Helps the Farmer." It tells why our telephones are best to buy for farm lines, shows just how they are built, and why they give such lasting satisfaction.

**Stromberg-Carlson Tel. Mfg. Co.,  
Rochester, N. Y.  
Chicago, Ill.**

I wished I could go to school; but I couldn't start into the sixth grade now. There was a little kid about my age when I stopped school that I heard was talkin' about stoppin', and I went to see him, an' I says,

"Say, kid, you don't want to stop school. I wish I hadn't."

"Well," he says, "I want to earn some money."

"Gee!" I says, "you won't earn much. Here I'm only earnin' \$4.50 a week, and when I am twenty-seven mebbe I can earn \$22 a week. But I won't never get much above that 'cause the proof-reader showed some figgers that showed that."

"Aw, that's jest somebody's guess," says the kid.

"Taint nuther," says I. "It's got up by people that knows and they has studied on the subject. Miss Jenness says so."

"That proof-reader's stuffin' you," says the kid. And that made me mad and I said somethin' I oughtn't to have said to a little kid, and walked off.

Every day I expected to see a new proof-reader there, but there didn't none come, and one afternoon I went and found Jim Lennox sittin' there.

"Hello, Dick," he says. "You want my place?" Then he said good-bye to the proof-reader and says he will see her in the evenin'. She had me read most everything over twice that day and her hands shook so she had to lay the proof-sheets down on the table—she usually held them on a book. When we was through she looks up and says:

"Dick, you and I will be truants together this winter. I can't go to school, either."

"Hully gee!" I shouted, I was so glad; but she said I wasn't very sympathetic, and tried to smile, but I seen tears in her eyes, and I knowed how she felt about it; so I went out and when I come in again her eyes was all red, but she looked up and said:

"Dick, I'm going to study at home this winter; why don't you?"

"Couldn't we recite together?" I says.

Why not?" she says.

So we are both studying and I recite to her after five o'clock, when I am off, and sometimes in the evenin'. It costs so much to get my books and takes so much time that I don't go to the shows much. I'm thinkin' some of stoppin' smokin' gradual, too. The fellers say I'm a fool and I think sometimes mebbe I am; but Jim Lennox says he made up two years in one, and that gave him such a start that he couldn't stop and so he went right on through; and I guess if he did I can, only I'm afraid I'll stop if Miss Jenness and Jim don't keep me goin'. The fellers are so enticin', you know.

### The Greedy Girl.

Mrs. Clarence H. Mackay, the new member of the school board of Roslyn, L. I., made an informal little speech when her election was announced to her.

"I am glad to get this post," she said, "but I hope I am not selfishly, not greedily, glad. There is no harm in our desiring reasonable, moderate

things, but when we desire too much, then we merit blame. Then"—here Mrs. Mackay smiled—"we are like a little child whom I talked to yesterday."

"This little child's birthday comes next week, and I said to her:

"Do you want me to give you a birthday present?"

"Yes," she answered, 'I do.'

"I'll give you a doll," said I.

"All right," said she.

"And what kind of a doll," I asked, 'shall it be?'

"She thought a moment. Then she said eagerly:

"I think I'll take twins."



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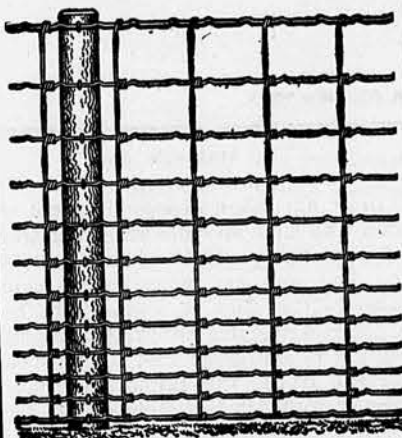
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## For the Little Ones

### Nature Study.

This dear little goose of a girlie.—  
Who ever had notions like hers!  
"If I lived in an evergreen forest,  
I'd never be cold!" she avers.  
And how could that happen, my dear-  
est?"  
"Why, 'cause," her reply is the clear-  
est—  
"I'd go to the fir-tree that's nearest,  
And buy me a nice set of furs!"

### The Five Who Stayed at Home.

Mamma Brown and the two children had gone to the mountains to stay during the hot weather. Papa Brown, like a good many other papas, could not leave his business, so stayed at home and kept house.

He kept house because he feared that the rest of the family who stayed at home would be hungry and lonesome if he did not. There were four of them—Fido, the water spaniel; Kido, the Maltese cat, and Punch and Judy, the bantam hen and rooster.

The children nearly cried when they left their pets, and had papa promise over and over again to take good care of them.

In spite of all he could do, however, they missed mamma and the children. When at home his footsteps were not only dogged, but catted and chickened as well. No telling what might have happened when he left had he not been careful to close and fasten the gate after him.

One morning Papa Brown overslept, which caused him to be in a great hurry to be off to the store. He did not forget, however, to feed Fido a dish of scraps, or Kido a saucer of milk, while the bantams' crops fairly bulged with corn.

Mr. Brown, being slightly lame, walked with a cane. The plank sidewalks were full of knot-holes and cracks, which took time to avoid, so this morning he hurried down the middle of the street to make up the time lost in his nap.

How pleasant everybody was! People smiled and nodded to him from their doors and windows. Little children who happened to be out so early seemed wonderfully happy. He heard them laughing long after he passed.

He was just turning the corner where Judge Howard lived, when the Judge, who was in the yard, called out:

"Hello, Brown! What's the issue?"

Mr. Brown lifted his hat respectfully, but did not stop. He feared that the Judge was in one of his moods to talk politics.

"What are you celebrating?" he

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called again. "Is it Farmers' Alliance?"

"Fine procession, any way," roared the Judge.

Papa Brown stopped. Looking around he saw Fido, meekly wagging his tail and with pleading eyes, asking to go too. Behind him was Kido, and, bringing up the rear, were dignified Punch and little speckled Judy. Kido rubbed up against her master's legs, purring the softest apology. The Judge roared louder than before, and Mr. Brown tried to roar, too, but the joke being on the wrong side, the laugh soon died in his throat.—Annie Pillsbury Young, in *Pets and Animals*.

The KANSAS FARMER for December 14 contains an article on "Some Big Things in Kansas" and signed "I. D. G." From this as well as from the interesting readability of the style we judge that the author is I. D. Graham, for so many years secretary of this institution. The number of things in which Kansas excels all other States or countries is certainly striking. Among these the Agricultural College heads the list, followed by the Branch Experiment Station at Hays. The KANSAS FARMER should have this article printed de luxe for general circulation in the East and in foreign countries.—The Industrialist.



IN GEORGIA & ALABAMA, as well as the most prosperous dairyman, the most thriving breeder of horses, mules, sheep, cattle and hogs, the most expert fruit-grower or trucker, is usually the Northern or Western farmer, who has located in those States in recent years and applied proper methods of culture. Thousands of others are coming this year and next.

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## The Home Circle

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### A Home Remedy.

By W. H. Davis.

Aren't you glad he's coming back?  
Tired, sleepy, hungry, black!  
I know you are—pay for the trip;  
Run and meet him, give him a "tip."  
Not a dime or a quarter, nor start a row.  
But a big broad kiss upon his brow.  
Tell him you love him, it won't take long;  
No one will laugh, and it is not wrong.

Now try this, sister, it's the thing to do!  
It will help him along, and won't hurt you.  
You will be more happy if you practice this.  
It will aid you greatly, add comfort and bliss.

Try it again when he's called to go out,  
Or when he gets huffy and tries to pout.  
Try it on the little ones when they get mad.  
Don't have the "blues" and sigh and look sad.

Brother, this scheme will work both ways.

Don't get impatient on her busy days;  
Come in gently, say "How do you do."  
Kiss her a few times and hug her too.  
Don't order your lunch the very first thing.

Try it, brother! see what it will bring!  
Soon you will have a bright, happy wife.

And it may be the means of prolonging her life.

Cheer up! be happy, try love awhile.  
It will suit you better than the other style.

Life is too short to give trouble half.  
Just turn on your heel and take a good laugh.

Meet your friends with a smile on your face.

Let sunshine and happiness take sorrow's place;

Try to be good, try to be true.  
Others will profit as well as you.

### The Ideal Wife for a Practical Horticulturist.

MRS. FANNIE HOLSINGER, ROSEDALE, KAN.  
(Continued from last week.)

The ideal wife will teach her child the beauty of the spiritual life, its relation to the Creator, that God is a father who loves and that all his prohibitions are for the happiness of humanity, and that the greatest earthly joy that can come to a human being is that of companionship with Him and obedience to His laws.

She will look well to the moral development of her household. She will teach her children that the Creator has a right to expect a pure life from every individual, and when her child questions her in regard to the mysteries of life she will answer in pure simple language all that it needs to know, that the innocent life may be kept pure. Life is the gift of God to humanity and should be considered a sacred trust to be returned with interest, and no false conception of modesty will allow her to lose her child's confidence by turning it away or telling it an untruth. A garden, however well-prepared, will not grow beautiful fruit or flowers unless seeds are planted and the tender shoots cultivated, but weeds will grow without care. So it is in the child life; and how many mothers, alas, too late, learn that while they were waiting for the child to grow old enough to be told the truth in its beauty and purity, the enemy had been there and sowed tares of impurity. So it is vastly important that she should preempt the fertile soil of the young mind and plant it with seed that will produce pure and ennobling thoughts; for the mind must be occupied, and there should be left no room for the impure thoughts which if unchecked will lead to impure deeds.

She will teach the child to love nature and to study its many wonders; the formation of the soil; its life-giving properties; the partnership of plant and soil, of the insects that help or hinder the horticulturist—even the little earth worms that help to keep the soil from becoming hard and barren—of flowers and how to develop love for them, by giving them their

best care; how the leaves and roots derive their sustenance, and above all she will teach the child to treat all animal life with kindness. She will teach respect to its elders. The tendency of this age has been so much to crowd the younger generation to the front that the respect which should be shown to those of mature life is sometimes withheld to the detriment of the young people, more than to those who are older. A good ripe age with its wealth of experience is of untold value to the coming man and woman and there would be less regret to some people as the years advance if age was more sure of its due. She will teach that youth is the time to prepare for age by laying up stores of wisdom for future use and means for sustaining life when the working days are gone.

One of the best lessons that comes to us from oriental countries, and we can learn something from every nation, is the veneration shown to the past; and while they are too much bound by customs and traditions, the countries that have developed a later civilization have too little, and in the rush of life forget to appreciate the experience of those who made possible the triumphs of the present.

The ideal wife will remember her social obligations. If she has learned something new in literature, or household art, or anything that will make others happier or more skillful, she will not withhold her knowledge, but will gladly meet with them in social relation and impart to them her gifts, and thus brighten life for herself and others.

She is a literary woman and will devote some time to the study of past and present conditions. She will strive to know what is going on outside of the home and what conditions her children will meet as they take their places in the affairs of State and Nation, and will do all in her power to make the world a safer place for her own and the sons and daughters of other mothers.

She will teach them that present industrial conditions demand a steady hand and clear brain and that the person whose system is weakened by alcoholic or narcotic poison cannot reach the highest plane in the spiritual, moral, social, intellectual, industrial, or physical world. These are some of the characteristics of the ideal wife, not fully portrayed because the standard is imaginary. Reaching to our ideals is not unsatisfactory, not discouraging, not chasing a phantom that is ever eluding our grasp. By striving we rise to greater heights, but not the greatest; we attain but do not reach the attainment; yet there is great satisfaction in that which is gained and every day brings to the unwearied toiler something that will develop character which, like virtue, is its own reward. A character is no stronger than its weakest point, so it must have a sure foundation; and much that goes to make the solidarity of the structure is like that of large buildings, hidden from human sight. Dickens says, "It is the little things that make up the sum of life." So it is the little strokes of the artist's brush that complete the great pictures, and it is the little things that make or unmake character. Thus to reach our ideals we go on and on, never faltering, sometimes in darkness, sometimes seeing the way clearly, sometimes on unknown seas, sometimes in pleasant harbors, sometimes misunderstood, sometimes appreciated, learning much, forgetting or unlearning more. Still we go on discovering new worlds, bearing in mind the heroic efforts of the great mariner whose struggle toward the ideal amid such adverse circumstances gave us not only this great Continent but also an incentive to accomplish our own purpose in life.

The result of determined effort is graphically portrayed by the poet of the Sierras in his "World's Fair Poem."

Behind him lay the great Azores,  
Behind the gate of Hercules;  
Before him not a ghost of shores,  
Before, only the shoreless seas.  
The good mate said: "Now we must pray.  
For lo! the very stars are gone;

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A few small biscuits easily made with Royal Baking Powder. Make them small—as small round as a napkin ring. Mix and bake just before the meal. Serve hot.

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Brave admiral, speak—what shall I say?  
"Why, 'Sail on! sail on! sail on!'"

My men grew mutinous day by day.  
My men grew ghastly, wan and weak;  
The stout mate thought of home; a spray  
Of salt washed his swarthy cheek.  
"What shall I say, brave admiral, say,  
If we sight naught but seas at dawn?"  
"Why you shall say at break of day,  
'Sail on! sail on! sail on! and on.'"

They sailed and sailed as winds might blow  
Until at last the blanched mate said:  
"Why, now, not even God would know  
Should I and all my men fall dead;  
These very winds forget their way,  
For God from these dread seas is gone.  
Now speak brave admiral, speak and say."  
He said: "Sail on! sail on! and on."

Then pale and worn he kept his deck  
And peered through darkness. Ah, the night  
Of all dark nights! And then a speck—  
A light, a light, a light!  
It grew; a starlit flag unfurled!  
It grew to be Time's burst of dawn!  
He gained a world! He gave that world  
Its greatest watchword, "On and on!"

### Tested Receipts.

#### Cup Cake.

One-half cup sugar,  $\frac{1}{2}$  cup butter, 1 egg,  $\frac{1}{2}$  cup sweet milk, 1 cup flour before sifted, 1 teaspoon of baking powder, a little salt; flavor to taste.—Tillie Johnson, Santa Clara, Cal.

#### Cottage Pudding.

One cup sugar, 1 cup sweet milk, 1 egg, piece of butter size of small egg,  $1\frac{1}{2}$  cups flour with 1 heaping teaspoon of baking powder; mix all together and bake in loaf in moderate oven.

Sauce for same— $\frac{1}{2}$  cup sugar, 1 tablespoon butter, 1 tablespoon flour; cream all together; add 1 pint boiling water; stir constantly and boil three minutes. Flavor with vanilla. Cut the pudding in four-inch squares and place in pudding dish and pour sauce over it. This is quickly made and very nice.—Mrs. S. T. Allen, Valley Center, Cal.

#### Cup Dumplings.

Break 2 eggs into vessel and beat until eggs are well broken, add  $\frac{1}{2}$  pint water, then enough flour to make stiff batter, or until batter leaves spoon; take case knife and cut very small slivers of batter into boiling water well salted, keeping knife well wet by dipping it alternately into the water; cut only a portion into the water at a time, let boil, then skim out into a vessel of cold salted water, skim out of this into a dish and garnish with bread dice browned in butter.—Miss Della Dewees, Saxman.

Age of baby, three years. "Auntie, please hitch up a sew pin for me and put a tangle in it."

### The Mother's Joy.

BY G. S. H.

In an age when everyone except women who have no children are distracted over the problem of race suicide, the hue and cry goes up on every hand of the duty of being a mother, of the responsibility of the bearing and rearing of children; and its most important fruits, the fullness of happiness, is wellnigh lost sight of. In fact, when I speak of happiness and joy in this connection, I stand very much in fear of being classed as a blatant hypocrite by all those outside the gates of this mother's heaven. But every true mother knows I speak the truth, and those who are outside—well, they are more than content there to remain, so let them be. I, for one, have no quarrel with those who wish to urge this unwelcome happiness upon them. But they have such an exasperating way of feeling superior to women who have children that I do want to tell them that they are not nearly so envied as they think they are. They look askance upon a woman with a half-dozen, and a woman who has a round dozen to her credit—yes, I repeat it, to her credit—is by them, considered quite beyond the pale of respectability.

Well, I am a mother and I would not exchange my toy-belittered home, with its attendant cares and responsibilities, for the most palatial, childless, and thereby care-free, home; and I speak from the very innermost depth of my heart when I say that the woman who has lived her allotted time and has never felt the soft clasp of her own baby's arms about her neck, has never felt its warm kisses upon her cheeks, has never felt its tired head droop nestling to her shoulders, has never truly lived. When I clasp my baby girl to my breast, kiss her soft cheek again and again, as I murmur over and over, "Dalling, I love you so, I love you so!" I am experiencing a foretaste of the joys of heaven; and I feel an exquisite thrill of happiness such as nothing else in this world can bring. The childless woman has no conception of this joy—does not believe in its existence, in fact.

"O, yes," she will say, "poor Emma's got another one. That's the third. I'm sure I can't see what people want with so many young ones."

What will theologians say to a hell where the childless woman feels unsatisfied the pangs of heart-hunger, an endless yearning for the mother love that on earth they ever scorned and shunned? Could anything be more terrible?





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# WHO SHE WAS

## SKETCH OF THE LIFE OF LYDIA E. PINKHAM

**And a True Story of How the Vegetable Compound Had Its Birth and How the "Panic of '73" Caused It to be Offered for Public Sale in Drug Stores.**

This remarkable woman, whose maiden name was Estes, was born in Lynn, Mass., February 9th, 1819, coming from a good old Quaker family. For some years she taught school, and became known as a woman of an alert

restore the family fortune. They argued that the medicine which was so good for their woman friends and neighbors was equally good for the women of the whole world.

The Pinkhams had no money, and little credit. Their first laboratory was the kitchen, where roots and herbs were steeped on the stove, gradually filling a gross of bottles. Then came the question of selling it, for always before they had given it away freely. They hired a job printer to run off some pamphlets setting forth the merits of the medicine, now called Lydia E. Pinkham's Vegetable Compound, and these were distributed by the Pinkham sons in Boston, New York, and Brooklyn.

The wonderful curative properties of the medicine were, to a great extent, self-advertising, for whoever used it recommended it to others, and the demand gradually increased.

In 1877, by combined efforts the family had saved enough money to commence newspaper advertising and from that time the growth and success of the enterprise were assured, until today Lydia E. Pinkham and her Vegetable Compound have become household words everywhere, and many tons of roots and herbs are used annually in its manufacture.

Lydia E. Pinkham herself did not live to see the great success of this work. She passed to her reward years ago, but not till she had provided means for continuing her work as effectively as she could have done it herself.

During her long and eventful experience she was ever methodical in her work and she was always careful to preserve a record of every case that came to her attention. The case of every sick woman who applied to her for advice—and there were thousands—received careful study, and the details, including symptoms, treatment and results were recorded for future reference, and to-day these records, together with hundreds of thousands made since, are available to sick women the world over, and represent a vast collaboration of information regarding the treatment of woman's ills, which for authenticity and accuracy can hardly be equaled in any library in the world.

With Lydia E. Pinkham worked her daughter-in-law, the present Mrs. Pinkham. She was carefully instructed in all her hard-won knowledge, and for years she assisted her in her vast correspondence.

To her hands naturally fell the direction of the work when its originator passed away. For nearly twenty-five years she has continued it, and nothing in the work shows when the first Lydia E. Pinkham dropped her pen, and the present Mrs. Pinkham, now the mother of a large family, took it up. With women assistants, some as capable as herself, the present Mrs. Pinkham continues this great work, and probably from the office of no other person have so many women been advised how to regain health. Sick women, this advice is "Yours for Health" freely given if you only write to ask for it.

Such is the history of Lydia E. Pinkham's Vegetable Compound; made from simple roots and herbs; the one great medicine for women's ailments, and the fitting monument to the noble woman whose name it bears.



and investigating mind, an earnest seeker after knowledge, and above all, possessed of a wonderfully sympathetic nature.

In 1843 she married Isaac Pinkham, a builder and real estate operator, and their early married life was marked by prosperity and happiness. They had four children, three sons and a daughter.

In those good old fashioned days it was common for mothers to make their own home medicines from roots and herbs, nature's own remedies—calling in a physician only in specially urgent cases. By tradition and experience many of them gained a wonderful knowledge of the curative properties of the various roots and herbs.

Mrs. Pinkham took a great interest in the study of roots and herbs, their characteristics and power over disease. She maintained that just as nature so bountifully provides in the harvest-fields and orchards vegetable foods of all kinds; so, if we but take the pains to find them, in the roots and herbs of the field there are remedies expressly designed to cure the various ills and weaknesses of the body, and it was her pleasure to search these out, and prepare simple and effective medicines for her own family and friends.

Chief of these was a rare combination of the choicest medicinal roots and herbs found best adapted for the cure of the ills and weaknesses peculiar to the female sex, and Lydia E. Pinkham's friends and neighbors learned that her compound relieved and cured and it became quite popular among them.

All this so far was done freely, without money and without price, as a labor of love.

But in 1873 the financial crisis struck Lynn. Its length and severity were too much for the large real estate interests of the Pinkham family, as this class of business suffered most from fearful depression, so when the Centennial year dawned it found their property swept away. Some other source of income had to be found.

At this point Lydia E. Pinkham's Vegetable Compound was made known to the world.

The three sons and the daughter, with their mother, combined forces to

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### 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 (1898).  
Ladies' Crescent Club, Tully, Rawlins County (1902).  
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1888).  
Chaltee Club, Highland Park, Shawnee County (1902).  
Cultus Club, Phillipsburg, Phillips County (1902).  
Literature Club, Ford, Ford County (1902).  
Sabeau 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, (1902).  
Progressive Society, Rosalia, Butler County (1902).  
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 (1902).  
Prensis Reading Club, Cawker City, Mitchell County (1902).  
Cosmos Club, Russell, Kans.  
The Sunflower Club, Perry, Jefferson County (1905)

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

### Art Program.

ROSA BONHEUR.

- I. Rosa Bonheur and her father.
- II. The Horse Fair.
- III. Rosa Bonheur's models.

I. In writing about Rosa Bonheur and her father, one will have a very complete sketch of her life up to the time of her father's death, as they were so closely associated together. When a child she went with him everywhere, dressed in boy's clothes and was called "Little Hussar." It was he who discovered in her the great genius, and first saw in her such great possibilities. He was her teacher, and although he was ridiculed for making an artist of a girl he was determined to give her the best preparation he could. He lived to see the completion of Oxen Plowing—one of her strongest works; and after his death she took his place in the school where she lived till she moved to her chateau in the Fountainebleau Forest.

II. The history of this matchless horse picture and her subsequent preparation for it is interesting as well as the study of the picture as a work of art. She spent a year and a half in laborious work before she began to paint, studying the animals in all their various moods and positions. It was there that she adopted the costume of a man while at her work.

III. Her models for painting all her pictures were from life. Not only did she study them in their natural state and haunts but possessed a menagerie on a small scale where she could paint them at home and at her leisure. She was also very fond of animals and pets and when a little child she would often follow to its destination any little creature that happened along.

### The Woman's Country Club.

The club of the above name, three miles northwest of Anthony, is in its third year and is growing mentally. The officers for 1906 are Mrs. Scott,

president, Mrs. Simonson, secretary, Mrs. Harris, treasurer. We number ten with an average attendance of six. We meet every two weeks. We had considerable discussion as to this year's work and finally decided to give the subject more thought, and meantime read Pilgrim's Progress; it was a happy thought. We have also in connection other select readings both of prose and poetry, short talks, music, and then adjourn for a social half hour. Our third annual open session was held December 8, at the home of the secretary. The attendance was good and it was an enjoyable evening. The Christmas-week meeting at the home of Mrs. Simonson was an ideal one—earnest, thoughtful, heart to heart talks, learning to know and understand and appreciate each other more—and then dainty refreshments and unique souvenir cards tied with club colors, pink and white, and made beautiful with the brush in the clever, artistic style of Mrs. Wickham.

MRS. SCOTT

### Answers Satisfactory.

A bright, stalwart, young man who had just graduated from a medical college applied for examination to enter the United States Navy. He was directed to appear before a medical board composed of old naval surgeons.

After a careful and lengthy examination, the president of the board asked, rather abruptly: "Doctor, suppose you were called to see a man who had been blown up, what is the first thing you would do?"

With emphasis he replied: "Wait till he came down, sir."

The old surgeon looked at him keenly and continued: "Suppose, for your impertinent answer, I should kick you; what muscles would I bring into play?"

"The flexors and extensors of my arm, for I should knock you down."

"You'll pass," said the old surgeon.

—Boston Herald.

### Mixed Dates.

Four-year-old Sarah had two uncles (living out of town) who were about to be married.

"So you are going to your uncles' weddings, dear? And where will they be married?" asked an interested friend of the family.

"One is going to be married in Washington," answered the child, "and the other in January."—Lippincott's.

## "A Kalamazoo Direct to You"



You save from 20% to 40% by buying a Kalamazoo Stove or Range direct from the factory at lowest factory prices. Moreover, you get a stove or range not excelled by any in the world. We guarantee quality under a \$20,000 bank bond.

**We Ship On  
360 DAYS APPROVAL  
and We Pay the Freight.**

If you do not find the Kalamazoo exactly as represented, the trial does not cost you a cent. It will pay you to investigate.

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Kalamazoo Stove Co., Mrs., Kalamazoo, Mich.

All our cook stoves and ranges are fitted with patent oven thermometer which makes baking easy.



## LIGHTNING PORTABLE WAGON SCALE

All above ground. Steel frame, only eight inches high. Octagon levers. Tool steel bearings. Compound beam. Most accurate and durable. Write for catalogue and price.

KANSAS CITY HAY PRESS COMPANY,  
129 Mill Street, Kansas City, Missouri.



## THE CORN BOOK.

"The Corn Book" comprises a large part of the December quarterly report of the Kansas State Board of Agriculture. This valuable publication is just now coming from the office of the State Printer. "The Corn Book" consists of a compilation of many most excellent selections on the problem of producing and especially on the problem of breeding corn. Though but few of these selections are from Kansas authorities or from Kansas sources, they are, nevertheless, full of information and suggestions valuable to corn-growers of this State.

The latter part of the book is devoted to the 1905 census of Kansas. Coming between the dates of the National census this State census furnishes valuable information. In the quarterly it becomes a convenient reference.

The crowded condition of our columns this week makes it impossible to make a more extended notice of this valuable publication. Those farmers who desire it should write immediately to Hon. F. D. Coburn, Topeka, Kans. It will be sent free of charge as long as the supply lasts.

## RAILROAD RATE CONVENTION.

A great convention was held last week at Wichita, the avowed purpose of which was to secure further regulation of railroads. The meeting was presided over by T. M. Potter, of Peabody. W. R. Stubbs, of Lawrence, Speaker of the Kansas House of Representatives, as chairman of the committee on resolutions, reported the following, which were adopted:

"Resolved, That it is the sense of this convention that Congress should confer upon the interstate commerce commission, upon their own motion or upon complaint, power and authority to alter, change or amend any rate, rule, regulation, schedule or classification established by any railroad company found to be unjust, unreasonable or discriminative; the same to be effective within a reasonable time, subject to review of the supreme court; and that the President of the United States be authorized to appoint an Assistant Attorney General, whose duty it shall be to make and prosecute complaints before the interstate commerce commission.

"Resolved, That whereas passenger transportation has been determined by the supreme court to be property; and whereas the railroad companies give away this property in the form of passes to the amount of a great many thousands of dollars every year, it is the sense of this convention that the intention of the railroad companies is to influence the recipients with these gifts and that it partakes of all the essentials of a bribe; that it is the further sense of this convention that these passes are among the most insidious insinuation and dangerous influence in the public life to-day, and we, therefore, recommend that a law be enacted which will make it a crime for a railroad company to give any person or persons, except bona fide railway employees, any form whatever of passenger transportation free.

"If the above resolution is enacted, we favor the reduction of passenger rates to two cents a mile.

"Resolved, That we favor a uniform system of railway bookkeeping, established by the interstate commerce commission under the supervision of the Government, similar to the national banking system.

"Resolved, That it is the sense of this convention that Congress should appoint a commission to make the same sort of an investigation of all railroad expenses and accounts that have recently been made of the insurance companies of this country, and we hereby recommend that our delegation in Congress introduce and support a measure calling for such investigation.

"Resolved, That we favor the enactment in this State of the law known as the Massachusetts, Texas, Minne-

sota law, relative to the over-capitalization of railroads.

"Whereas, We, as individuals, would not employ or trust our cases in law or equity with an attorney or person under the influence or domination of those opposed to us; therefore, we condemn the practice of political parties nominating and electing representatives to make laws for the government or control of corporations who are either the paid attorneys of such corporations or are parties who are known to be under the influence of such corporations, and that we urge upon all conventions of delegates to carefully scrutinize the antecedents of every candidate coming before them, with the view of ascertaining their relations to corporations who have been dominating the politics of Kansas.

"Resolved, That we favor a primary system which provides for a direct vote for nomination of all delegates and officers, including United States Senators, and would urge that all primaries be held by all parties on the same day.

"Resolved, That we favor a modification of the tariff by its friends so as to enlarge our markets and at the same time prevent the control of all commodities by trusts."

It was determined to organize a Civic League with branches in counties, townships, and wards.

The following committee on organization was appointed:

First district—J. A. Troutman, Topeka; Edwin Snyder, Oskaloosa.

Second district—John T. Wood and Colonel A. T. Atchison, both of Iola.

Third district—Henry Baden, Independence; O. S. Gibson, Arkansas City.

Fourth district—George Plumb, Emporia; Ben Heilburn, Osage City.

Fifth district—D. W. Cowder, Salina; Harry McMillan, Minneapolis.

Sixth district—E. F. Madden, Hays City; D. W. Berry, Jewell City.

Seventh district—J. S. George, Hutchinson; D. W. Blaine, Pratt.

Eighth district—Senator R. T. Simons, Caldwell; E. B. Jewett, Wichita.

At large—C. L. Davidson, Wichita.

J. S. George, of Hutchinson, was elected chairman of the executive committee and George Plumb, of Emporia, secretary.

## FARMERS' WEEK IN TOPEKA.

(Continued from page 55.)

who enters the State corn-growing contest next winter.

Whereas, Owing to the fact that the dairy business, according to the report of Secretary Wilson of the United States Department of Agriculture ranks second in extent as an agricul-

tural industry, and that the same needs to be developed in Kansas, be it

Resolved, That we urge upon the Legislature the appropriation of sufficient funds to the dairy department of the Kansas Agricultural College to enable it to develop and carry on experiments along this line at the experiment station, and in cooperation with the farmers of the State that they may thereby improve their methods of dairying. Also that the Legislature provide for an appropriation for larger equipment in dairying for the purpose of instructing the students at the College, and be it

Resolved, That we do most heartily

commend the work now being done by the animal husbandry department of the State Agricultural College under the direction of Prof. R. J. Kinzer, and

Resolved, That we urge upon our legislators the necessity that exists for a liberal appropriation of this department of the College to the end that this valuable work may be done as its importance in Kansas demands.

Whereas, Owing to the fact that Kansas needs regulations in dairy products sold on the market, be it

Resolved, That we urge upon the Legislature the enactment of a pure-food law which shall regulate the sale of

## The Backbone of a Mighty Nation

is good food—food for brain, food for brawn, food that is strengthening, that gives energy and courage. Without a proper appreciation of this great fundamental truth no nation can rise to greatness.

As an article of food, soda crackers are being used more and more every day, as is attested by the sale of nearly 400,000,000 packages of **Uneeda Biscuit**, which have come to be recognized as the most perfect soda cracker the world has ever known.

And so **Uneeda Biscuit** will soon be on every table at every meal, giving life, health and strength to the American people, thus in very truth becoming the backbone of the nation.

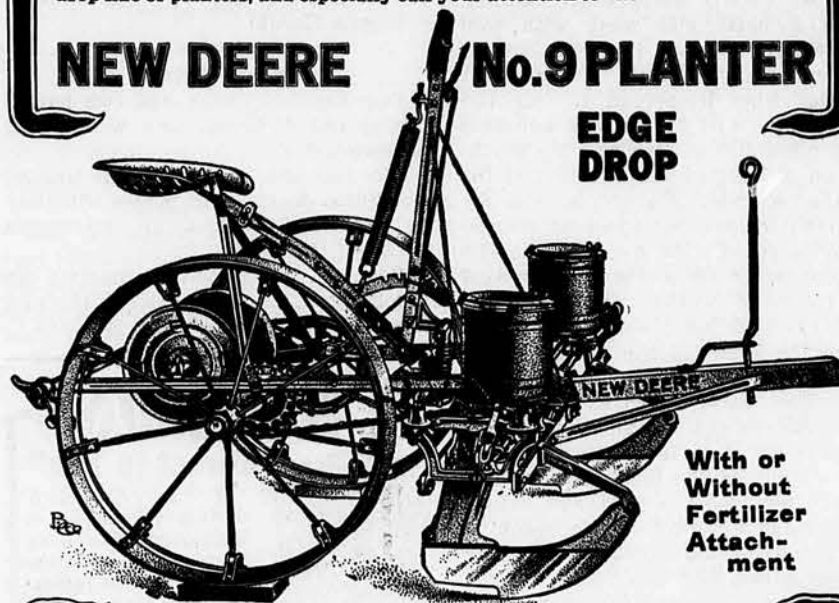
NATIONAL BISCUIT COMPANY

## GET "MORE CORN"

ON THE SAME ACREAGE

Just drop us a postal card saying: "Send me your 32-page booklet, **More Corn on the Same Acreage**," and we will mail a copy at once. In this day of intensive farming, every corn grower wants to increase the yield on every acre as much as possible. He wants "more corn," and the booklet to which we have given this title contains the latest and most reliable information on corn improvement that can be had. We have drawn from our own twenty-seven years experience as planter builders and have also quoted extensively from the Agricultural Colleges, which are recognized as the highest authority on the subject. All the points are illustrated by half tone cuts and the matter is carefully arranged. In addition we will send a brief description of our excellent edge drop line of planters, and especially call your attention to the

## NEW DEERE No. 9 PLANTER



With or  
Without  
Fertilizer  
Attach-  
ment

No other farm machine has been known to achieve the instant and lasting popularity accorded this planter since it was put on the market in 1901. The up-to-the-times agriculturist is quick to appreciate genuine merit in a machine, hence the success of the New Deere No. 9 Planter is due to its superiority.

**ACCURACY OF DROP**—Means bigger crop. We prove the highest accuracy attainable. No guess work with the New Deere Planter.

**SIMPLICITY**—Few parts, made strong and carefully assembled, we've been at it twenty-seven years and know how.

**CONVENIENCE**—In a class by itself—almost impossible to get out of fix. In these and many other points the New Deere is unexcelled. Plants beans, peas, broomcorn, and other seed, in the best manner possible.

Send for the Booklet .. Yours for the Asking  
Mention this Paper

WRITE TO

**DEERE & MANSUR Co., MOLINE, ILL.**



these and all other food products sold on the open market on a legitimate basis.

Resolved, That our thanks are due and are hereby extended to all who have taken active part in our program, especially to those who have helped Mr. Geo. H. Rommel, Animal Expert, Bureau of Animal Industry, United States Department of Agriculture; Dr. W. T. Hadley, late professor of animal denistry, Western Veterinary College; Mr. F. D. Thomson, Breeders Gazette; Professors R. J. Kinzer, of the Animal Husbandry Department and Oscar Erf of the Dairy Husbandry Department of the State Agricultural College, and Hon. N. H. Gentry, Ex-President of the Missouri State Board of Agriculture, for their very excellent and instructive papers and addresses.

#### THE STATE BOARD OF AGRICULTURE.

The thirty-fifth annual meeting of the Kansas State Board of Agriculture was held at the State House last Thursday, Friday and Saturday. This is the greatest of all Kansas farmer organizations. Its usefulness and its fame surpass the usefulness and the fame of all similar bodies in other States. Its officers and members for the ensuing year are:

Officers.—J. W. Robison, President, Eldorado\*; A. L. Sponsler, Vice-President, Hutchinson\*; Edwin Snyder, Treasurer, Oskaloosa\*; F. D. Coburn, Secretary, Topeka\*.

Members.—E. W. Hoch, Governor (ex officio), Topeka; J. R. Burrow, Secretary of State (ex officio), Topeka; J. T. Tredway, La Harpe, Allen County; G. W. Glick, Atchison, Atchison County; Edwin Taylor, Edwardsville, Wyandotte County; Chas. E. Sutton, Russell, Russell County; Geo. W. Hanna, Clay Center, Clay County; W. R. Dowling, Norcatur, Decatur County\*; Thos. M. Potter, Peabody, Marion County\*; A. W. Smith, Grove, McPherson County\*; I. L. Diekem, Garden City, Finney County; T. A. Hubbard, Wellington, Sumner County\*.

(\*Reelected for two years.)

The proceedings of the annual meetings have grown year by year in interest and in importance, and have for many years been devoted largely to the presentation and discussion of exact and classified knowledge on the various problems of husbandry. This year the scientific features were more pronounced and more numerous than ever before. Leaders in the realm of agricultural science were brought from far and from near. The papers they presented were received with as appreciative audiences as ever greeted scientific investigators. Secretary Coburn fairly outdid himself in securing the men who are seeking and finding useful knowledge recently discovered. For this purpose C. P. Hartley, Washington, D. C., who has charge of the Government's experiments in improving seed corn, was invited to present results of recent work; Dr. John R. Sage, Government Weather Forecaster at Des Moines, Iowa, gave up-to-date information on the ever important subject of climate; William Dieckrich, Investigator in Swine Husbandry, Illinois College of Agriculture, presented some results of a series of experiments which indicate that we are on the eve of great reductions in the cost of producing pork; N. H. Gentry, of Sedalia, Mo., one of the most noted breeders in the United States, made a vigorous presentation of his views on "The Most Profitable Type of Bacon Hog." Prof. Harry Snyder, of the Minnesota College of Agriculture, gave a scientific discussion of "The Bread We Eat;" George M. Rommel, Animal Husbandman of the Department of Agriculture, gave an insight into the problem of breeding the American carriage horse; Joseph E. Wing, of Mechanicsburg, Ohio, gave a clear exposition of the production of baby beef, as successfully practiced on his farm; A. P. Grout, of Winchester, Ill., showed the value of inherent quality in live stock; Prof. J. T. Willard, Director of the Kansas Experiment Station, presented some glimpses of German agriculture, as seen by himself last summer; H. A. Huston, St. Louis, gave an exposition of the practical value of commercial fertilizers; Andrew Shearer, of Frankfort, Kans., read a valuable paper on "Planting Corn;" Mrs. Otis L. Benton, of

Oberlin, read a delightful paper on "The Farmer: Past, Present and Future," and Mrs. W. D. Atkinson, of Parsons, closed the sessions with "The Victory of the Country."

There was much discussion on the scientific presentations. The stenographer's notes have not yet been transcribed. As rapidly as possible the KANSAS FARMER will lay before its readers reports of the proceedings and will as nearly as possible convey to them the benefits they would have derived from personal attendance.

Resolutions as follows were reported by T. M. Potter, Chairman of the committee on resolutions:

Resolved, That this Board of Agriculture which knows no political lines nor bias most heartily endorses our honored Governor E. W. Hoch and our peerless President Theodore Roosevelt in their earnest efforts to promote the cause of civic righteousness in the State and Nation.

Resolved, That we unqualifiedly endorse President Roosevelt's railroad policy, viz: to place the power to regulate rates in the hands of an administrative body with power to make its amended rates speedily effective but subject to review by the courts.

Resolved, By the Kansas State Board of Agriculture that we gratefully appreciate the course of the federal authorities in deciding to establish in Western Kansas an irrigation project under the reclamation service, thereby assisting in the extension of the agricultural interests of the State along new lines; and we cordially recognize the great value of the services performed by those of our Senators and Representatives in assisting in bringing about this result. We congratulate them upon the success thus far attending their efforts and trust that with the aid of their continued exertions the plans already adopted may be pressed with diligence and speedily carried to a complete realization.

Resolved, That in harmony with the unqualifiedly endorsed policy of a square deal, we call upon the Congress of the United States to speedily enact such legislation as will enable the national administration to negotiate such commercial treaties as will open the markets of the world to the vast surplus of our meats and cereals.

Whereas, The free rural delivery of mail by the postoffice has proven a great boon to the farmers in lessening the isolation of farm life, and in keeping the farmer and his family in daily touch with the commercial, social, and political world, therefore

Resolved, That we ask that the same be extended and improved and that there be added thereto a parcels post.

Resolved, That while we would zealously protect all the corporate, commercial and industrial interests which are so essential and have contributed so much to our prosperity, and regretting conditions that seem to antagonize these important interests, yet, we believe that those who have borne the chief burden in the production of the State's wealth, the great agricultural and live-stock industries, have not had the consideration due them from the corporate and political interests of the State—first by the railway management whose motto has been "How Much Can We Get Out of It?" instead of a willingness to render us good service for reasonable compensation.

Second, by their persistent and unwarranted interference, as corporations, in all the political, legislative and judicial functions of the State; by the unwarranted use of free transportation; by freight rate discrimination to the favored few, and by their endeavors to control the elective franchise of the many who are dependent upon them for employment—evils the eradication of which we demand through the abolition of the free pass, the prohibition of freight rate discrimination, and the re-legalization of their political control to themselves as individuals, with privileges no less and no greater than those pertaining to any other free-born American citizen.

Third, We deprecate the fact that those who are placed in control of the policies and management of the political parties of the State too often ignore the interests of the masses and prostrate the public functions of the great parties to the personal interests of a favored few.

Fourth, That we may end these evils in this Government of the people we hereby pledge ourselves as individuals to attend the primaries and conventions and to support such delegates and candidates for public office as will protect the interests of the people against corporate and political greed.

Resolved, That we favor a primary system which provides for a direct vote for nomination of all delegates and officers, including United States Senators; and would urge that all primaries be held by all parties on the same day.

Resolved, That we heartily endorse and approve the holding of the Semi-Centennial celebration of the birth of the State of Kansas in 1911.

Resolved, That we demand a law creating the office of a Commissioner of Corporations with power to examine books and papers of the corporations in their transactions with the people.

After a spirited discussion on the demand for parcels post, the resolutions were unanimously adopted.

The following supplementary resolution was introduced by Edwin Taylor

## ELDORADO STOCK FARM

Breeder and Importer of PERCHERON HORSES, ABERDEEN-ANGUS CATTLE and POLAND-CHINA HOGS  
E. J. HEWITT, Proprietor, Eldorado, Kansas

## IOWA PRODUCES THE BEST SEED CORN

and Southwestern Iowa produces the best seed corn grown in the State. Every grain from which our seed is grown is carefully selected by us, and the cultivation of the crop is carried on by a member of our firm. We raise every grain of seed corn we sell, and we make it as perfect as it can be made. Write us for prices.

W. W. VANSANT & SONS, Box 54, Farragut, Iowa

## Annual Sale of Duroc-Jersey Bred Sows

I will hold my annual sale of Duroc-Jersey bred sows at my farm one-half mile southeast of Fairview, Brown County, Kans., beginning at 1 o'clock p. m.

FRIDAY, FEBRUARY 2, 1906

The offering will consist of 10 head of tried brood sows, 3 fall yearlings that won first as young herd at Topeka State Fair in 1905, and 25 choice spring gilts, all bred to the best males. Will also sell four Red Polled bulls 1 year old, two eligible to registry and two high grades. Terms 1 year's time on sums of \$20 and upwards with interest of 6 per cent from date of sale. Three per cent discount for cash. For further particulars address

J. B. DAVIS, Fairview, Kans.

## Getting What You Want

We all want a pleasant and prosperous home. This we have ready for you. We are subdividing and selling the splendid Los Molinos Ranch of 40,000 acres in the famous Sacramento Valley of California.

We have every combination to insure you success. Soil is smooth and richest sedimentary deposit. Climate so mild every month can be used for planting and growing crops and fruits.

Water supply unknown, a dry season unknown. All who see our lands are enthused. Come and look over our crop, garden and fruit lands. You will locate with us if you do.

Send for our booklet. Write for particulars. It will pay you. Address LOS MOLINOS LAND CO., 305 WASHINGTON STREET, RED BLUFF, CALIFORNIA.

## AT KENNEWICK ON THE COLUMBIA.

The ideal climate, winters warm and balmy.

Under the Great Northern Pacific Canal.

The choicest irrigated land in the West.

Own a ten acre fruit ranch and be independent.

Why work for others; be brave and do as thousands have done before you. These men have not made a mistake in coming here, many are independent.

We produce the earliest fruit, berries and grapes grown in the West.

It is all that we claim for it. Write to

KENNEWICK LAND CO., - - KENNEWICK, WASHINGTON.

## THE UNITED STATES GOVERNMENT

is expending over seven million dollars in building reservoirs and canals to irrigate 275,000 acres of magnificent farming lands around Nampa, IDAHO, the railroad center of the State which is ample proof of the great fertility of our farm lands.

ONE MILLION BEST-SUGAR FACTORY is securing contracts for raising sugarbeets prior to its erection.

OUR CROPS—five to eight tons alfalfa per acre per year—potatoes three to five hundred bushels—two crops timothy and clover—wheat 20 to 30 bushels, oats 20 to 30 bushels, barley 20 to 30 bushels per acre. All fruits raised to great perfection.

Write or call on any of the following citizens of Nampa, IDAHO: R. W. Furdum, Mayor, Mine Owner; C. B. Dewey, Railways, Mines, Hotel Nampa, Development Co.; Walling & Walling, Real Estate; Stoddard Bros., Hardware; Lamson & Bates, Real Estate; Tuttle Mercantile Co.; Langdon Mercantile Co.; Robbins Lumber Co.; Central Lumber Co.; Bank of Nampa; Citizens' State Bank; Grand Hotel; Central Implement Co.; Nampa Hardware & Furniture Co.; W. L. Brandt, Real Estate; Mrs. R. E. Green, Lands; King & Wiltarding, Townsites; W. F. Prescott, Lands; Dewey Livery Stables.

## SNAKES

are not found in the SNAKE RIVER VALLEY, but here is found the most beautiful tract of agricultural land in the United States, and you do your raising, and have no failures of crops, that's irrigation. No Cyclones or Blizzards. This country needs live, wide-awake men, who wish a new home in the rapidly developing west, and offers cheap land, good church and school facilities, and a chance to make money to those who are willing to work. St. Anthony, the County seat of Fremont County, Idaho, is a bright and growing town in the very heart of a rich and growing richer country, and if you wish reliable information in regard to prices, soil, climate and our prospects, write any of the following firms: First National Bank; C. C. Moore Real Estate Co.; Wm. D. Yager Livery Co.; Murphy & Bartlett, Cafe; Commercial National Bank; C. H. Moon, Farmer; Chas. H. Heritage, Riverside Hotel; Miller Bros., Grain Elevator; Skalet & Shell, General Merchandise; Chas. S. Watson, Druggist; Gray & Ross, Townsites; W. W. Youmans, Harness Store.

with a speech full of appreciation:

Whereas, The State Board of Agriculture learns with regret that the health of its beloved and distinguished Secretary has become impaired by his long term of arduous effort directed toward the uplift of Kansas agriculture wherein during the last six months his usual duties have been doubled up by the particularly severe labor of preparing the Fifth Decennial Census of the State, therefore

Resolved, That this board hereby grants Secretary Coburn three months leave of absence in the hope that by travel and rest he may recover his health fully and return to the desk which he has made a beacon light for agriculture at home and abroad, strengthened to achieve fresh laurels for himself and to lead anew the foremost column of advance in all ways of profit and improvement for farmers.

This was unanimously adopted. It came as a surprise to Mr. Coburn, and, together with the appreciative remarks made by the members, almost overcame him.

The Kansas State Poultry Association.

Officers for 1906.

President, Prof. L. L. Dyche, Lawrence.

Vice-President, F. H. Foster, Topeka.

Secretary-Treasurer, Thos. Owen, of the KANSAS FARMER.

Directors: L. L. Dyche, Lawrence; C. C. Smith, Manhattan; A. J. Kerns, Salina; W. S. Young, McPherson; H. C. Short, Leavenworth; and Frank H. Foster, E. C. Fowler, Raymond F. Atwood, and Thos. Owen, of Topeka.

At the annual meeting a number of interesting papers were read, among them being one by Prof. Oscar Erf, of the Kansas Agricultural College, who gave some of the results of experiments conducted at that institution for the purpose of determining the influence of feed upon the nitrogenous

(Continued on page 66.)



## POULTRY BREEDERS' DIRECTORY

**S. C. B. LEIGHORNS EXCLUSIVELY**—40 pure bred cockerels for sale. \$1 each or \$9 per dozen. F. T. Thomas, Route 1, Irving, Kans.

**M. B. TURKEYS FOR SALE**—Choice young stock from 66 point tom. 92% to 96 point hens. Mrs. A. E. Harness, Speed, Mo.

**NICK BLACK LANGSHAN**—For sale cockerels, hens and pullets: \$1 each. Mrs. Geo. W. King Solomon, Kans.

**FOR SALE**—A choice lot of R. P. Rock cockerels, King Bradley and other strains. \$2 each, price of two or more. Write your wants to Mrs. Ada L. Alsworth, Emporia, Kans.

**WHITE Plymouth Rock cockerels for sale**. Pure white, yellow legs, heavy, fine shape. Write for prices. They are right. J. C. Postwick, R. 2, Hoyt, Kan.

**CHOICE R. P. ROCK cockerels and pullets**—Chillie pups: send for circular. W. R. Williams, Stella, Neb.

**WHITE AND BARRED ROCK COCKERELS** farm raised, large bodied, yellow legs, bay eyes, \$1 each. Eggs for hatching in season. 15 for 75c. D. S. Thompson, Rural Route 1, Welda, Kans.

**MAMMOTH BRONZE TURKEYS and Barred Rock Chickens for sale**. J. W. McDaniel, Cunningham, Kans.

**BARRED PLYMOUTH cockerels from first prize winners for sale cheap** if taken at once. Also a few Silver Pencilled Wyandotte cockerels. Mrs. Charles Gehorn, Emporia, Kansas.

**S. C. B. LEIGHORNS**—Closing out sale of my entire flock of hens, cocks and cockerels. A bargain. Come quick. J. A. Kanfman, Abilene, Kansas

**EGGS FOR SALE**—S. C. W. Leghorns, W. Wyandottes: \$1 per 15. W. F. F. turkeys, \$1.50 per 9. Embury geese, 75c each. W. African guineas, \$1 per 17. All guaranteed pure-bred. A. F. Rutley, Route 2, Maple Hill, Kans.

**FOR SALE**—Exhibition R. C. Black Minorca cockerels, \$2. I guarantee them. Address George Kern, 817 Osage St., Leavenworth, Kans.

**MAMMOTH BRONZE TURKEYS and Golden Wyandottes**. Young stock for sale. Address, Mrs. A. B. Grant, Emporia, Kans.

**STANDARD BRED SINGLE COMB BUFF LEIGHORNS**—Bred by first prize pen Chicago Show 1905 and took six first prizes and first pen at Newton 1904. Eggs, \$2 for 15. R. Perkins, 801 East First Street, Newton, Kans.

**S. C. W. Leghorns and Buff Rocks**. Winners at State Fairs. Eggs, \$1 per setting. J. W. Cook, Route 2, Hutchinson, Kans.

**TO GIVE AWAY**—50 Buff Orpingtons and 50 Buff Leghorns in Shawnee county farmers. Will give the chicks and eggs. Write me. W. H. Maxwell, 901 Tenth Ave., Topeka, Kans.

**BARRED AND WHITE PLYMOUTH ROCK** Eggs, \$2 per 15; \$1 per 45. Hatching and Bradley strains, hatching 92% to 94%. Mr. & Mrs. Chris Bearman, Ottawa, Kans.

**WHITE WYANDOTTES**—Choice Cockerels, Pullets or Hens for sale cheap. S. W. Arts, Larned, Kansas.

**SINGLE COMB WHITE LEIGHORNS** cockerels, \$1 each; two or more 50 cents each. Fine white, pure thoroughbred birds. Also a few Barred Plymouth Rocks, barred to the skin, fine, pure and vigorous: hens, cockerels, cocks and pullets, \$1 each; two or more, 50 cents each. All of our customers are very well pleased. We will make reductions on large lots. Meadow Poultry Farm, Chouteauville, Ill.

**PURBRED C. R. Leghorn cockerels**, 75 cents each, six for \$4. F. P. Flower, Wakefield, Kans.

**LOW PRICES** on bone cutters, clover cutters, brooders, grill mortars and poultry supplies. Free sample catalogue. Address manufacturer, Humphrey, Yale Street, Joliet, Ill.

**BUFF ROCKS**—A few good cockerels for sale at \$1 each. H. M. Stephens, Menden, Kans.

**FOR SALE**—150 R. P. R. and W. P. R. cockerels and pullets: strong, vigorous, cockerels, \$2 to \$5; pullets, \$1 to \$2.50. Exhibition cockerels matter of correspondence. Mr. and Mrs. Chris Bearman, Ottawa, Kans.

**PURE-BRED Barred Plymouth Rocks** at reasonable prices. J. A. Sawhill, Edgerton, Kans.

**MAMMOTH BRONZE TURKEYS** FOR SALE—Young toms and pullets, healthy and well-bred stock. Inspection and correspondence invited. Address J. E. Miller, Burdette, Kans.

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## Light Brahma Chickens

Choice pure bred cockerels for sale. Write or call on Chas. Foster & Son, Eldorado, Kan. Route 4

## FOR SALE.

15 varieties pure-bred chickens, ducks, geese and turkeys. Fowls and eggs at low prices. Write for catalogue. H. H. HINKER, Mankato, Minn., R. R. 4.

## Buff Orpingtons and Buff Leghorns

Cockerels for sale. Eggs in season, \$2 per 15, and infertile eggs replaced. Also breeder of squabs. Write for further information and price list to W. H. MAXWELL, 1220 Quincy Street, Topeka, Kansas

## 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, Kansas

## SCOTCH COLLIES.

SCOTCH COLLIES—Scotch Collie pups from registered stock for sale. Emporia Kennels, W. H. Richards, V. S., Emporia, Kan.

## The Poultry Yard

CONDUCTED BY THOMAS OWEN.

## Lice in the Hen House.

During the warm weather it is difficult to keep the hens and their quarters free from lice. It is a slow job to treat the hens with any of the various insecticides, but the cleansing of the hen-house is more easily accomplished. S. B. Hartman, in writing to the Michigan Farmer, explains his plan as follows:

I first clean the house thoroughly, sweeping the floor, walls and ceiling. Everything detachable, including the roosts, is taken out and cleaned. I then mix up lime water as thick as it will go through the nozzle of a barrel sprayer, sometimes putting in a little carbolic acid, and spraying the house thoroughly—floor, walls and ceiling. This takes but a few moments, about one-tenth as long as to apply it with a brush or broom, and is much more effective, as the lime is forced into all the cracks where the lice like to hide. All the things removed are sprayed on all sides and replaced, taking the precaution to dip the ends of the roosts, where they rest in the supports, in kerosene and pouring some of the oil upon them. A shallow pan with a half-inch depth of kerosene is then placed just inside the little slide door so hens entering at night must step into it, and thus cause the odor to pervade their feathers and drive away the lice.

After a week or so repeat the operation. The lice, unable to stand such proceedings, soon disappear.—Grange Bulletin.

## Poultry Notes.

N. J. SHEPHERD, ELDON, MO.

Ducks can be successfully raised with no more than the necessary drinking water. It will be found that the young ducks raised in this way are much less liable to disease than if permitted free access to water.

Finely cut straw or leaves or even sweepings from the barn floor of the poultry-house, such material as induces the hens to scratch, keeps them out of mischief and conduces to good health; such exercise is the best thing they can do.

Keeping fowls on floors or hard runs will frequently cause swollen feet and legs. They must have some loose ground to scratch over, it does them good in various ways. The dry grain should be well strewn amongst the loose earth if they are in a small space.

If your stock of fowls is pure-bred, do not breed to some other kind; for whatever benefit may be derived from the first cross will be lost in the second, for the second generation will only be mongrels, and usually lose the valuable points of their ancestors.

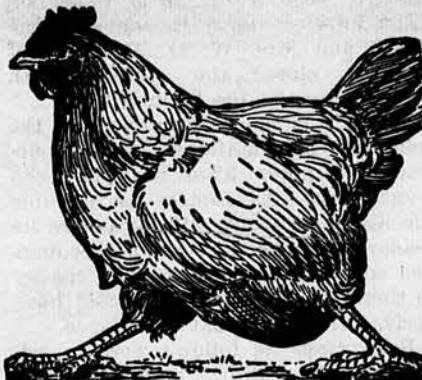
In breeding and raising poultry especially for market, size should be considered, as fowls are sold by weight and the better the weight the better the returns. Besides, a chicken of the same age weighing seven or eight pounds will always command a better price over a smaller one.

If rightly fed and cared for from the start, a chick should weigh a pound when six weeks old, and weigh two pound and be ready for market when not over three weeks old. Young birds are marketable at any time either as broilers or roasters and in many cases are more profitable when sold at ten weeks than if kept until matured.

A stunted or weakly chicken will consume more food until it arrives at a certain weight, than a fast growing bird because the fast growing bird will attain a certain size and weight in almost half the time of that of the stunted bird, and it is in a condition for sale or for home use long before the other; while a bird or animal is showing rapid growth is the best time to aid it.

It is the system of feeding and care adopted that turns the scale of profit or loss. It must be understood that

(Continued on page 68.)



## They Get Very Busy

because they can't help it. Dr. Hess Poultry Pan-a-ce-a makes hens lay. They have to lay. The fowl gets more nourishment from the food taken, and the egg-laying organs develop new egg clusters. It is upon the organs of digestion that egg-making depends. Pan-a-ce-a contains tonics that increase the digestion; it also contains iron for the blood and nitrates to expel poisonous material through the skin; it is the only reasonable way to produce eggs without stimulants that are injurious.

## DR. HESS Poultry Pan-a-ce-a

Is the prescription of Dr. Hess (M.D., D.V.S.), and besides making hens lay it cures cholera, roup, indigestion, etc. Nearly all forms of disease are due to digestive derangement or bacteria. Pan-a-ce-a has a principle peculiar to itself. It is a germicide; it destroys the minute germs of disease known as bacteria. It has the endorsement of leading poultry associations in the United States and Canada. Costs but a penny a day for about 80 fowls, and is sold on a written guarantee.

1 1/2 lbs. 25c, mail or express 40c  
5 lbs. 60c  
12 lbs. \$1.25  
25 lb. pack \$2.50  
Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK, Ashland, Ohio.  
Instant Louse Killer Kills Lice.

## Good Hatches Promised

It's a pleasure to hatch lots of chicks in a HATCH-ALL INCUBATOR. Pure air, even heat, little care, simple directions make it easy for beginners or experienced to make money on poultry. Write for free catalog to HEBRON INCUBATOR CO., Box 18, Hebron, Neb.

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

**\$7.00 Buys the Best 120-EGG Incubator**  
freight prepaid, ever made. Double cases all over; best copper tank; hot water; self-regulating. Best 100 chick hot water Brooder \$4.50. Incubator and Brooder ordered together \$11.00. Satisfaction guaranteed. Our book, "Hatching Facts" tells all about them. Mailed free. Write today. Belle City Incubator Co., Box 18, Racine, Wis.



## A GOOD INCUBATOR IS A GOOD INVESTMENT

May we send you our 1906 catalogue, which tells about the "QUEEN" Incubator? The one that has perfect ventilation. The one that is certain to hatch the eggs. The one that is cheapest—because best. The one that has taken first prize wherever exhibited. Our catalogue tells lots of things worth knowing. It is free. Write for it to-day.

**PINKERTEN MANUFACTURING CO.**  
BOX 56, LINCOLN, NEBRASKA

**PROFITABLE POULTRY**  
You can raise it and make money with our free 64-page poultry guide. It tells how to avoid mistakes and failures; tells what to breed for biggest profit; how to feed, rear and hatch successfully. Tells about Berry's "BIDDY" incubators and brooders, the kind that "run" themselves—the kind to buy. Contains plans for brooder, colony and poultry houses, yards, poultry farms. Also cuts of our pure-bred poultry with prices of birds and eggs for hatching. It's a book that will be appreciated by every one. A postal brings it to your home. Berry's Golden Rule Poultry Farm, Box 98, Clarinda, Ia.

**THE 1906 RELIABLE**  
In all the wide field of incubator making, you'll find no better hatcher than this year's Reliable Incubator. Scientifically made, simple in operation, perfectly even temperature, no draughts, no hot spots; USES ONE-THIRD LESS OIL, has double heating system, and AUTOMATIC regulation, and is sold on an absolute MONEY-BACK GUARANTEE. No other incubator offered on such liberal terms. W. H. McGowan, Columbus, Miss., says, "The machine bought from you gave perfect satisfaction."—Free catalog explains all. Eggs for hatching shipped anywhere. RELIABLE INCUBATOR & BROODER CO., Box B-22, Quincy, Ill., U. S. A.

**SOLD ON AN ABSOLUTE MONEY BACK GUARANTEE**

## FINE PURE-BRED POULTRY

Turkeys, Mammoth Bronze; Leghorns, single comb, white; Wyandottes, fine buff. Young and matured stock, farm raised. Extra quality for your money. Honest treatment. Mrs. Albert Ray, Delavan, Wis.

## SAVE YOUR CHICKS.

Use the Itamar Mite and Lice Killer, a mite and lice destroyer. Guaranteed to kill mites and lice if properly used. If not satisfied return bottle and label and money will be refunded.

**CHAS. E. MOHR,**  
Glendale Park, Hutchinson, Kansas.

**Johnson's Laying 18 Strain**  
**R. C. BROWN LEIGHORNS**

Stock for sale. Come early and get the cream. About 100 selected cockerels from \$1 to \$2 each. Reduction on four or more.

**H. M. JOHNSON,**  
Formosa, Kans.

## YOUNG STOCK.

A fine lot of White Plymouth Rock cockerels and pullets and White Wyandotte cockerels from our prize-winning strains for sale at attractive prices.

**W. L. BATES,** Topeka, Kansas.



## DUFF'S POULTRY

Barred Plymouth Rocks, White Plymouth Rocks, Buff Rocks, Light Brahma, Black Langshans, Silver Wyandottes, White Wyandottes, Silver Spangled Hamburgs, Brown Leghorns.

First-class Standard Stock of Superior Quality. Stock For Sale. Eggs in Season. Write Your Wants. Circular Free.

**A. H. DUFF, Larned, Kans.**

## 200 Barred Rock Cockerels

For Sale. Bred by the First Prize cockerel Kansas State Show 1905. If you want first-class cockerels for utility or the show room, write me at once. I can please you in both quality and price. I also have 30 yearling hens, (cockerel bred) cheap to make room. Let me make a trio or a pen for you that will give satisfactory results. Satisfaction guaranteed or money refunded.

**A. H. MILLER,** Bern, Kans.

## Take Your Own Time. Old Trusty Incubator

40, 60 or 90 Days Trial.

We want to send you the "Old Trusty" Book. You ought to read it before buying an incubator, because it has more every-day "chicken sense" in it than any catalog you have ever seen. 300 good pictures. It tells why "Old Trusty" does such good work—why it hatches so many and so good chicks—why it is so easy to operate—why it is so economical. It's sold on 40, 60 or 90 days trial, freight prepaid. Write to us.

**M. M. Johnson Co.,**  
Clay Center, Neb.

**We Pay the Freight.**





## Miscellany

### Farming vs. Mining in Colorado.

The farmer may be slow, but in the end, in his race with other lines of industry that seem to hold out brighter promises, he always seems to come out as did the tortoise in his race with the hare. The latest illustration of this comes from Colorado, a state which only a few years ago was dazzling the world with the riches of its gold and silver mines.

The annual reviews of Colorado's progress show that in 1905 the State produced the greatest amount of gold of any year in its history, a total of \$29,000,000. But in the same year, the grain and potatoes, hay and other produce from Colorado farms aggregated more than \$40,000,000 in value. Silver was higher in value than for several years, and the production of this metal in Colorado rose to \$11,000,000, but the combined product of the orchards and sugar-beet patches beat the total of silver by \$1,500,000. Five million dollars worth of lead was marketed, which is just about equal to the value of the fat lambs shipped. The whole value of the product of the metalliferous mines of the State was \$43,000,000. The products of the farms aggregated more than \$70,000,000.

More money is being invested in agricultural projects in Colorado than in the development of mines. Reservoirs and canals originally planned for placer mining have been diverted to irrigation, and the next few years seem like to see the area of highly productive farming lands in the State more than doubled. The "man with the hoe" seems to have secured a start over the man with the hammer and drill, which the latter will never be able to overcome, unless some very remarkable new discoveries of mines are made.

### Equity to Landlord and Tenant.

EDITOR KANSAS FARMER:—The renting of land is now at hand. Ought there not to be some general principles of equity between landlord and renter and what should they be?

After some years of experience in renting, it seems to me that something like these should obtain:

1. The farm should be kept in as good condition as regards fertility, buildings, and fences as when rented.
2. If any new improvements are to be put on for the benefit of renter, the owner should furnish the material and the renter do the work of construction.
3. The owner should put on the farm paying stock—hogs, cows, sheep and young cattle to use up all the rough-

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Or 15 months for only \$1  
**The Kansas Farmer**

The "old reliable" KANSAS FARMER, established in 1863, the best genuine agricultural weekly paper in the west. It solves the problems for the busy farmer. It helps and interests every member of the farmer's family. It has a regular departments. Its contributors are expert authorities. It contains 4 to 32 pages each week. Sent on trial three months free. Test it. Clip the coupon below.

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## Mc CLURE'S MAGAZINE

AUGUST 1905.



### Do You Want Your Boy to be a Lincoln?

You know it by heart—the story of Lincoln's greatness—the country boy, self educated.

But, Lincoln did not educate himself on cheap, trashy novels and the sensational story papers with which the country is flooded.

The country lads and lasses who emerge into the world to become famous are they who have been silently reaching out—for the things of the great, real world.

McCLURE'S MAGAZINE is read in the very best homes by nearly 2,000,000 readers.

Why not have it read in your home, for the entertainment and uplifting of every member of your family?

Famous authors, poets and statesmen write for McClure's. President Roosevelt, ex-President Cleveland, Gladstone, Mark Twain, Rudyard Kipling, General Miles, Walt Whitman, Bret Harte, Huxley and Robert Louis Stevenson, are only a few who have written for McClure's. This next year there will be stories and articles by Jack London, William Allen White, Myra Kelly, Booth Tarkington and others. McClure's is the greatest feast of good things literary ever offered. Now are you going to enjoy it?

## Take McClure's Magazine All Winter

### FREE As a Test

I'll send it free for three months.

At the end of that time, if you like it—if you have decided that McClure's Magazine is wholesome, educational, interesting reading for yourself and every member of your family—if you have come to feel that you just can't afford to be without it, send me one dollar, only, for a full year's subscription.

If you do not like McClure's—do not want to have it continued, just say so—drop me a line saying not to send it and telling why you do not like it. There will be nothing to pay and the three copies you will have received on trial—they will be absolutely free.

If I did not feel pretty sure you would like McClure's, could I afford to make an offer like this?

And, if you should find that you do like it, wouldn't you regret every day you had delayed asking to be put on the list?

Better ask TODAY.

Up-to-Date Farming says: "We admire McClure's and read it. It is about the only magazine in which everything is good and appeals to me, it is one, too, that will satisfy the farmer and his whole family."

It can't all be told here—fill in the coupon and see for yourself—you take no risk.

Send in the coupon, TODAY.

S. S. McCLURE, Editor,  
McCLURE'S MAGAZINE, New York City

### EDITOR McCLURE'S MAGAZINE, COUPON

I accept your offer to test your magazine. Enter my subscription for one full year. After receiving three months' sample copies, I will do one of two things—either send you \$1.00 for the full year's subscription, or write you to stop the magazine, when you are to cancel this subscription and the sample copies are to be free to me as a test.

Name .....

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State .....

ness and at least one-half of grain produced.

4. The proceeds of farm and stock should be used first to pay for all seed used on the farm and the taxes, and the remainder should be divided half and half.

5. The renter should have feed for his team from the farm.

6. The renter should do all the work and deliver the grain, when sold.

7. The renter should return at the close of lease as much value of stock in as good condition as when he entered upon the farm.

8. Both parties should have an equal say with regard to management of farm and sale of crops; and in case of dispute a third party should be called in to adjudicate the case.

9. The renter should give proper security for the fulfillment of his part of the contract.

Douglas County.

## Horticulture

### Pruning Bearing Apple-Trees.

EDITOR KANSAS FARMER:—Will you please tell me through the columns of the KANSAS FARMER something of the culture of apple-trees, especially the pruning of bearing apple-trees?

Osborn County. F. C. CLAUSEN.

We cultivate our trees for five years after planting with either a one-horse or two-horse plow, as seems best, throwing the furrow to and from alternately, beginning about May 1 and continuing to near July 15. The sixth year we seed to clover. While cultivating we grow corn.

This method might not be the best on the whole for Mr. Clausen's locality, as we have never cultivated with especial reference to the conservation of moisture. It would probably be well to quote from orchardists who have had experience in Northwestern

Kansas. One says: "I have an orchard of 300 trees. I cultivate my orchard to potatoes the first two years; after that to any kind of vines. I use the stirring plow, plowing very shallow near the trees, and deeper near the center. I grow nothing in the bearing orchard and cease cropping after five years."

Another says: "I cultivate my orchard to corn, using the stirring plow, and cease cropping after six years, but keep cultivating until the trees smother the weeds."

Again we quote: "I have an orchard of twelve acres from five to fourteen years' growth. I cultivate to corn as long as there is space enough between the rows; use two five-tooth cultivators lashed together, and cease cropping after twelve years."

Still another says: "I have 1250 apple trees, eight years planted, as fine as they can be. I cultivate very often with a five-tooth cultivator, and never quit. Every third year I plow with a one-horse, diamond plow. I raised melons for the first three years; after that, nothing."

This one says: "I cultivate as long as the trees live, with plow and cultivator, allowing them to go no deeper than three inches."

One in Norton County says: "I have an apple-tree orchard from ten to fifteen years old, trees three to six inches in diameter. I plant corn, using a stirring plow and harrow, and am still cultivating. I would plant corn or clover in bearing orchards."

The above probably represents the methods practiced by the majority of cultivators in that longitude. Secretary Barnes, in summing up reports of orchardists of this State on pruning, says: "Pruning has its advocates, but the eastern style of a long stem has scarcely a follower in our State; a great majority simply cut out watersprouts and limbs that cross or rub or are wind-broken. We think the great majority right as to the bearing orchards."

WALTER WELLHOUSE.

We are all on the hunt for happiness; one expects to find it in wealth, another in amusement, and I have seen a man whose joy all lay in having 3 dogs following him.—Billings.

## Periodic Pains.

Dr. Miles' Anti-Pain Pills are a most remarkable remedy for the relief of periodic pains, backache, nervous or sick headache, or any of the distressing aches and pains that cause women so much suffering.

As pain is weakening, and leaves the system in an exhausted condition, it is wrong to suffer a moment longer than necessary, and you should take the Anti-Pain Pills on first indication of an attack.

If taken as directed you may have entire confidence in their effectiveness, as well as in the fact that they will leave no disagreeable after-effects.

They contain no morphine, opium, chloral, cocaine or other dangerous drugs.

"For a long time I have suffered greatly with spells of backache, that seem almost more than I can endure. These attacks come on every month, and last two or three days. I have never been able to get anything that would give me much relief until I began the use of Dr. Miles' Anti-Pain Pills, and they always relieve me in a short time. My sister, who suffers the same way, has used them with the same results." MRS. PARK, 721 S. Michigan St., South Bend, Ind.

Dr. Miles' Anti-Pain Pills are sold by your druggist, who will guarantee that the first package will benefit. If it fails he will return your money. 25 cents, 25 cents. Never sold in bulk. Miles Medical Co., Elkhart, Ind.



## In the Dairy

### Dairy Farming.

A. S. WALTON, BEFORE OAK GRANGE INSTITUTE.

The subject of dairy farming is one of great importance to the farmer living near Topeka. In the brief time I have been living amongst you there has been much advancement in this line of farming. In fact, I think dairy farming is in its infancy in this country and State. The question for every man to settle who expects to adopt this particular branch of farming is, how can I make it the most profitable and at the same time conduct it in such a way that it will not become monotonous. Dairy farming is confining and exacting and requires constant attention to make the business successful. It can not be properly conducted without well-matured plans and a continuance in the business for a number of years, as it requires considerable outlay in the arranging of the farm and buildings for that especial purpose.

In the first place, the cows should be provided with abundance of pasture and good water and shelter, and there should be a place to care for the milk, which if provided in a substantial and convenient way will cost considerable outlay; but the most of us will have to make these improvements as we go along. If we do not intend to make this mode of farming a permanent business, it will probably not pay to make the improvements.

### THE FEED QUESTION.

I will consider, in the first place, the pasture and the feed question. If a farmer has wild grass, I would not advise him to destroy all of it, as a part of the season no tame grass will take its place—especially in dry weather and in mid-summer, it will be well to use it to save tramping the tame grass, especially if the tame grass is not well sodded. The kind of grass for a pasture is a debatable subject—farmers differ as to the kind of grasses to sow. I think a mixture of grasses would be best, as some will come quicker and can be furnishing pasture while others are getting a start. This also will make a continuous supply from early in the spring till late in the fall. I have sown one pasture with the following kind of grasses: Red clover, white clover, timothy, English blue-grass, Kentucky blue-grass and brome grass. I have another of alfalfa and red clover; another of English blue-grass. The alfalfa and red clover pasture I intend to sow to other grasses, especially

white clover and Kentucky blue-grass. The English blue-grass pasture I intend to plow up and sow to other grasses. It has not produced much for me and the grass is of poor quality. The cattle will not eat it if they can get anything else. I think the coming pasture for this part of the State is white clover and Kentucky blue-grass. For forage crops and hay I think alfalfa the most important, producing a number of crops in a season of the best hay for milk-production, if rightly cured and taken care of.

One of the mistakes generally made in taking care of alfalfa is in letting it stand too long before cutting. I think it should be cut as soon as it comes into bloom, and put in shock before it gets too dry. Avoid letting it lay in swath after it has partly dried over night to catch the dew on it. I believe Governor Hoard's plan a good one. It is to put it in shock as soon as well wilted and cover with hay-caps of heavy muslin 5-4 wide, and leave it in shock till sufficiently cured to put in the barn. I think every farmer will lose enough every year by doing without these to more than pay for them.

### SILAGE.

There is another subject I want to mention, and that is the making of silage out of the first crop of alfalfa—or any crop through the season—when the weather is too wet to properly cure it for hay. Every farmer who has raised alfalfa has at times had trouble to dry the first crop, and also has at other times had heavy losses; and if alfalfa will make good silage, I think the silo is the solution of the problem of profitable raising of alfalfa in this country. I would like to have this subject submitted to the college represented at this institute, as an intelligent answer of the question may be of great benefit to the dairymen of this State. Silage put up in the spring is a handy feed to supply any shortage of pasture in mid-summer and may be fed advantageously at any time in the summer when the cows will eat it, as alfalfa is one of our best milk-producing feeds. As a feed it is especially good when green and tender, and if converted into silage at that stage I should think it would be good as when in the green state.

There are other forage crops that deserve our attention as dairymen. Sorghum is one of the cheapest and best feeds we can raise, and every dairyman should provide himself every year with as much of it as he can profitably feed, and also Kaffir-corn. They make a good change and are especially good for dry cows and young stock. Corn has been in the past and probably will be in the future one of

the staple feeds, but I think we will be compelled to prepare it differently in the future to feed it profitably. Harvested in the shape of fodder, it is an expensive feed and I think the silo will be the solution of this problem. There are some difficulties to overcome in regard to silos coming into general use among small dairymen. The principle obstacle is that it requires so much machinery to harvest corn into silage that cooperation among the dairymen in the purchasing it requires so much machinery to convert corn into silage that cooperation difficulty could be overcome by the buying of machinery by several farmers together or by hiring some owner of machinery to fill the silo at stated price helping each other do the work as they do in thrashing small grain.

### THE DAIRY BARN.

Passing on from the feed question to the next thing I would like to say a few words upon a shelter for the cows in stormy and cold weather. A comfortable barn or stable is, it seems to me, a necessity to every successful dairyman. The kind to build or how to build will depend upon how you are situated and what you have already. I have never seen my ideal of a cow barn. I have seen some places I like very well. There was a plan in Hoard's Dairyman of August 18, that suits my idea of a barn very well. It was 36 feet wide and as long as needed to hold the cows you want to keep. The floor was made of cement; the ceiling was about 8 feet high, with plenty of windows on each side, and with driveway through the middle, 8 feet wide, with ditch behind each row of cows about 16 inches in depth, with feedway on each side. For some reasons, I would rather stand the cows together, but it is generally thought better for the cows to stand with heads out, so they will not take each other's breath. This barn was ventilated by what is called the "King" system, which Hoard's Dairyman claims is the best system in use, and will keep the cows in perfect health. This barn can be cleaned by driving a wagon through the center. If you stand the cows with the heads together, it can be cleaned with a manure-carrier and dumped into the wagon. I saw one of these at the Park View Dairy Farm, north of Seabrook. If any farmer is building a cow-barn, it will pay him to visit this barn and see the carrier work.

### THE DAIRY COW.

The last but most important part of the dairy farm is the cow. And to get the kind of cows you need to accomplish the best results you will need to raise them, for it is hard to buy a good cow. It is as necessary to success in dairying to breed cows for that purpose as it is to breed steers for beef. The success in both lines has been phenomenal in the last twenty-five or thirty years. The energies of the western farmers have been mostly turned to the production of beef, and for that reason the best dairy cows are hard to find in this country. Consequently, the best way is to commence with the best we have or can buy and improve them as fast as we can by using dairy breeds and making beef-production a secondary matter. It seems to me that near Topeka is one of the best places to get into the dairy business in the Middle West. The city of Topeka is naturally a good market, and the location of the Continental Creamery Company, requiring a large amount of milk, which they are unable to ship from a distance in condition for use, naturally makes our market better than at most places of the same size. Any one wishing to engage in dairy

## - 35,000 - DE LAVAL SEPARATORS

have been placed by the Beatrice Creamery Co., of Lincoln, Neb., with its patrons during the past five or six years. The Beatrice Company is the largest and most successful creamery concern in the world. Its success and growth have been nothing short of marvelous. Before the adoption of the farm separator system the Beatrice Company used from 500 to 600 DE LAVAL factory separators. Their experience with these machines proved the DE LAVAL to be the most profitable of all cream separators. When their patrons desired separators for home use they were given the benefit of this experience. The Beatrice Company realized that its success depended upon the success of its patrons. In view of this the DE LAVAL was chosen by them as the only separator which would bring about the desired result. That the DE LAVAL has come up to their expectation goes without saying. If this is the kind of experience you would profit by, write us today for new catalogue and full particulars.

THE DE LAVAL SEPARATOR CO.  
RANDOLPH & CANAL STS. CHICAGO 74 CORTLANDT ST. NEW YORK

## Don't be Hoodwinked

You Can't Afford to Make a Mistake



Don't let anybody persuade you to buy a cream separator until you have had a FREE TRIAL of the famous **OMEGA**. Don't keep it unless it proves our claims to be more easily turned, more easily washed, more durable and to produce finer quality of cream than any other. We're so sure that we'll let you try it before you buy it. Send today for catalogue and Free Trial Offer and our book "More Milk Money."

The Omega Separator Co.,  
22 Concord St., Lansing, Mich.

farming will find this a good location. I anticipate that those who follow this branch of farming will in a few years be in better circumstances and their farms will be more productive and in a higher state of cultivation than those who follow grain farming.

### Shall the Cow Have Two Months' Rest?

Writing on this subject to the Michigan Farmer, Mr. Otto L. Dobson says: "I was born on a farm, and my father was in the habit of milking his cows as long as they would give milk. Sometimes this was the year around, but more often, owing partly to a lack of care, and insufficient feed, it was not. Yet of all the scores of cows I helped milk when a boy, I can not recall one, that, under this system, ever became anything above an ordinarily good cow, while most of them failed to pay expenses. Yet I've seen one of those same cows that had been milked every day in the year for some years, sold to a farmer of less experience, who made it a point to see that she went dry at least two months of each

## The Dairy Problem Solved, and Solved Rightly.

Since man first began to milk cows, the problem of how to make the most dollars from them has been up for solving. After centuries of experiment the way has been discovered.

### An Easy Running Empire Cream Separator

will get these dollars for the cow-owner, and will get them all. This is no experiment, it is an actual fact proven by years of experience by farmers the country over.

You write to know why we want to tell you why. Write, and get our free books on dairying. Read these; then investigate the Empire. The result can only be one thing, a complete proof that our statements are true.

Empire Cream Separator Co., Bloomfield, N. J.  
Temple Block, Kansas City, Mo.

**24**  
YEARS  
WEAR  
**NO**  
REPAIRS

## SEPARATOR FACTS

**43**  
YEARS  
WEAR  
**75¢**  
REPAIRS

**Just facts—that's all you want. Facts can't hurt you nor Tubular Cream Separators.**

**Facts prove Tubulars outwear all other makes five to ten times over.**

On August 2d, 1904, we started a No. 9 hand driven Dairy Tubular, rated capacity 900 lbs. per hour, on the hardest test a separator was ever put to—an endurance test to last until the wearing parts give way. This Tubular has now run 50 hours a week for 43 weeks—and is still running. Every week of this test is equal to a year's service in a ten cow dairy. No other separator made could stand such a test.

24 Years' Work—No Repairs	43 Years' Work—75¢ Repairs
Hours run..... 1,800	Hours run..... 2,150
Pounds separated..... 1,080,000	Pounds separated..... 1,925,000
Turns of crank..... 8,155,760	Turns of crank..... 5,652,070
Turns of bowl..... 1,152,000,000	Turns of bowl..... 1,864,000,000
Oil used..... 8 quarts	Oil used..... 5 1/2 quarts
Time oiling..... About 4 min.	Time oiling..... About 7 min.
Time adjusting..... None	Time adjusting..... 10 min.
Repairs..... None	Repairs..... 75 cents

After 24 weeks, the balls in the frictionless bearing supporting the bowl showed wear. This was natural, for each had rolled over 32,000 miles. Renewing balls cost only 75 cents and ten minutes adjusting, yet made this Tubular as good as new. All Tubulars are equally durable. Catalogue P-165 tells about them. Write for it today.

**THE SHARPLES SEPARATOR CO.**

Toronto, Canada      West Chester, Pa.      Chicago, Illinois

## THE CLEVELAND

is the only **Ball Bearing Separator**. No other can run so easy. You can try it at your home without any expense or obligation to buy. Send for the new free catalogue.

**THE CLEVELAND CREAM SEPARATOR CO.,**  
34 Michigan St., Cleveland, Ohio.



**4 TO 1/2 BUTTER LOST THIS WAY**

**WHICH?**

Which way do you skim your milk? It is hard sometimes to realize just how great the loss of cream is with crocks and pans. Some people may not believe that a

**U. S. CREAM SEPARATOR**

skims enough closer than the old way to increase their butter yield one-fourth or more. But it does. Users say so. Here's an every-day example—

"ALTURAS, CAL., Sept. 1, 1905.  
"The U. S. Separator beats them all for ease of handling and clean skimming. When we got the No. 7 we were making 40 lbs. of butter per week with pans. The first week that we run the Separator we made 60 lbs. and with less work.—KELLY BROS."

For additional proofs write for our interesting free catalogue

**VERMONT FARM MACHINE CO., Bellows Falls, Vt.**  
18 centrally located warehouses in United States and Canada

year and was well fed in the meantime, the result being that such cow produced more butter-fat in 10 months than she had previously done in double that time and was able to produce 8 to 10 pounds of butter in one week."

#### The Constitution of Dairy Cattle.

J. M. DEERING, BEFORE THE MAINE DAIRY MEETING.

"We should bear in mind that we have been for the last 25 years breeding up our herds, endeavoring all the while to obtain a higher type of dairy cow, and it seems to be a fact that as we breed up the producing qualities, we breed down the constitution—or to put it in another way, if you please, the higher the type, the larger the producer, the more strain upon the constitution, and the more delicate the animal, and the more susceptible to diseases, unless we breed more for strength and constitution in connection with production. I fear our dairy herds have

struck the limit in profit to the dairymen of our State."

Mr. Deering is entirely right in his statement, if he speaks of the injudicious work of certain breeders in Maine and all other States. True it is that they have bred altogether too delicate cattle. But that was not the fault of the dairy type, but rather the fault of the men who mated the cattle.

Dauncy, the founder of the Stoke Pogis family of Jerseys, bred especially for constitution, coarseness of hair, larger bone, and large udders, and he got all he bred for.

Constitutions can be bred for as well as any other quality. But there is one more thing that is the matter with the Maine dairymen and all other dairymen of the Northern States, where cows are crowded into close, tight barns for 200 to 225 days in winter. We refer to the almost universal lack of proper ventilation.

The subject of ventilation is not studied, read, or discussed. We will venture the assertion that 99 out of every 100 herds of cows from Maine to Wisconsin, are shut up at night in stables, where the air becomes absolutely poisonous before morning. It is this sort of treatment, more than breeding to a type, that is weakening the constitution of our dairy cattle.

Most men think the quality of constitution in a dairy cow is best expressed by the ability to "rustle" for a living. Not so. It is best expressed in her ability to do large work as a dairy cow and stand up under it. But to do this successfully, she must have pure food, pure water, pure air. If the dairy farmers of Maine, or any other

State, want to see their cows look hardy and strong, we advise them to put the King system of ventilation in their stables.

Breeding rightly is a good thing, but of what use is breeding sense, if the farmer deliberately poisons his cows with foul air, and so weakens them that they can not resist disease?

### The Veterinarian

We cordially invite our readers to consult us when they desire information in regard to sick or lame animals, and thus assist us in making this Department one of the most interesting features of the Kansas Farmer. Kindly give the age, color, and sex of the animals, stating symptoms accurately, and how long standing, and what treatment, if any, has been resorted to. All replies through this column are free. In order to receive a prompt reply all letters for this Department should give the enquirer's postoffice, should be signed with full name and should be addressed to the Veterinary Department of the Kansas Farmer, Topeka, Kans., or to Dr. C. L. Barnes, Veterinary Department, Kansas State Agricultural College, Manhattan, Kans.

If in addition to having the letter answered in the Kansas Farmer, an immediate answer is desired by mail, kindly enclose a 3-cent stamp. Write across top of letter "To be answered in Kansas Farmer."

#### Horse Injured Eye.

My 2-year-old black filly got one eye injured about two months ago by getting a piece of hay or something of the sort in it; both eyes look milky all the time. There is a settling in the lower side of the eye-ball that was injured. The blood vessels of the eyes are badly congested; she seems to be gradually going blind. I have never treated her. Is there anything that can be done for her? E. C. L. Erie, Kan.

Answer:—Poulticing with hot water, even at this late date, may be very beneficial in removing the inflammation from the horse's eye. Have the horse in a single stall with a halter on it during treatment. Attach a piece of cotton, preferably the absorbent kind, to a piece of cheese-cloth, having the cotton large enough to completely cover the eye. Get the horse accustomed to using the water on the eye very hot; pour more hot water onto the cotton just as often as it gets cold. A cotton poultice can be so fastened to the halter that it will not be necessary to take the entire cloth and cotton off the halter each time it is necessary to put more hot water on the cotton. After a short time the horse can bear almost scalding hot water, especially as soon as he begins to feel the good that is being derived from the heat.

#### Tumors on Hogs.

My barrows which were castrated last September are getting small lumps or tumors. I opened some of the larger ones and washed out with carbolic acid, but it seems to do no good; now they are all affected. They get corn, salt, coal and a good dry bed; what would you advise me to do? Nortonville, Kans. SUBSCRIBER.

Answer:—It will be necessary for you to remove these tumors from the cords, cutting off the cord as high up as possible so as to get all the growth, then heal the wound again by the use of a disinfectant.

Blind Stagers.—There are a great many horses dying around here with what is called blind staggers. The horses are taken sick very suddenly and are in great agony; they generally go in a circle and run against or through anything that happens to be in the way. They generally die in from twelve to twenty-four hours. Very few get better. What is a preventive and what the treatment? Norwich, Kans. F. T. F.

Answer:—Owing to the length of the bulletin that has just been published on this trouble, will send the bulletin direct to you and to any others who desire it if they will send name and address to the veterinary department of the Agricultural College.

Mange.—I have two colts that have what I think is mange. They had the

same thing last winter but thought then it was lice and treated them accordingly. They were better during the summer; they are both thin and coats look bad. No place is denuded of hair, but the skin is rough and scabby. Would internal treatment be of any use?

Iowa City, Ia.

E. F. C.

Answer:—We have sent you under separate cover a press bulletin describing the preparation and use of the lime and sulfur dip which I think is the proper thing for you to use. Apply the dip as hot as the animal can stand it. Give about three applications ten days apart. Select a day when it is rather warm, say during the middle of the day and scrub the dip into the affected part thoroughly, using a stiff brush.

Sores on Jack's Legs. Ration for Stallion.—I have a valuable jack that has sores on his legs, worse at the joints; they water and have an offensive odor. They are worse in summer.

What is the best ration for a stallion or jack? Can get corn, oats, barley and wheat. Would it be best to mix these? Is alfalfa all right for the hay? The jack will drink milk or slop made of shorts. Would this be good during the season? T.

Amorita, O. T.

Answer:—Wash the sores with a disinfectant using about a 3-per-cent solution of one of the coal-tar products, then cover the wound with an astringent powder that is also antiseptic, made by putting together an ounce each of iodiform, boracic and tannic acid. Continue this treatment daily.

Oats are probably the best feed that you can give the jack. Would feed sparingly of alfalfa hay as it tends to too great looseness of the bowels. I would not advise mixing the above grains as the animal needs more oats than corn. A little bran might be advantageous.

Locoed Mare.—I bought a mare and colt in the fall, and when I got them home I found the mare was badly locoed. I have kept her from loco and am feeding maize and Kafir-corn fodder, also stock food twice per day. She is very thin. I keep her in the stable most of the time. I would like to fatten her so I can get some work out of her in the spring. What can I do for her? W. E. C.

Liberal, Kans.

Answer:—At the Experiment Station we have not been very successful in fattening locoed animals when they are in the worst condition. What you are doing for the animal I think is all that any one can do. They are not a very profitable animal to keep and will eventually die as a result of the disease.

Blind Stagers.—I have lost two good horses with what I think is blind staggers. When first noticed their being sick the breath seemed thick and heavy. They go blind in one eye and stagger to that side of stall; and get weaker and weaker until they fall. The breathing gets heavier in some cases; in other cases they seem to go to sleep, and others go wild with pain and knock their head against the side of the barn. These horses are sick but a short time; the longest, 30 hours. One neighbor has lost five. Twenty-five or thirty head have died from this same trouble in the north end of Rice County. What is the disease and what can be done to stop it? H. G. B.

Geneseo, Kans.

Answer:—We are sending you under separate cover a press bulletin on this trouble, as the bulletin is too lengthy to publish in this column. The bulletin will also be sent to any others owning horses that have this same trouble, if they desire it.

C. L. BARNES.

**VETERINARY COURSE AT HOME.**  
\$1200 year and upwards can be made taking our Veterinary Course at home during sparetime; taught in simplest English; Diploma granted; positions obtained successful students; cost in reach of all; satisfaction guaranteed; particulars free. **ONTARIO VETERINARY CORRESPONDENCE.**



**NEWTON'S** Hoarse, Cough, Whooping and Indigestion Cure. A veterinary specific for wind, throat and stomach troubles. Strongly recommended. \$1.00 per can, of dealers, or Exp. prepaid. **The Newton Remedy Co., Toledo, Ohio.**

## Cash for Those Who Solve This Problem

If a man milks ten cows for one year, how much profit will he make? The contest is open to all dairymen who want to make money. Whether you milk six cows or twenty cows, you can compete. There is but one way to get the correct result and that is

### Ship Your Cream to Us

You will discover not only how much profit you WILL make but how much profit you SHOULD make. You will always get the highest price, consequently will make the greatest profit possible.

You get the cash while you're solving the problem. For every shipment of cream you make, you get a check in return right away.

Write us for any information on dairying that you want. We will answer you promptly and fully.

Yours for profitable results,

**BLUE VALLEY CREAMERY CO.,**  
ST. JOSEPH, MISSOURI.



## FARMERS' WEEK IN TOPEKA.

(Continued from page 61.)

content of the egg. This association held its sixteenth annual exhibition in the Topeka auditorium during the entire week, and Secretary Owen has the satisfaction of knowing that during his first administration the association made the greatest show in its history and the greatest one that was ever held in the United States. There were some 3,000 birds, exclusive of pet stock on exhibition, and the lower floor of the auditorium was crowded to its capacity with exhibits. The association is to be congratulated on the reelection of Mr. Owen to the office of secretary-treasurer.

Kansas Swine-Breeders' Association.  
Officers for 1905.

President, M. S. Babcock, Nortonville.

Secretary-Treasurer, I. D. Graham, of the KANSAS FARMER, Topeka.

Vice-Presidents by Breeds. For Berkshires, Will H. Rhodes, Tampa; for Poland-Chinas, W. L. Reid, North Topeka; for Duroc-Jerseys, Lee Marshall, Burden; for O. I. C.'s, L. W. Alvey, Argentine; for Tamworths, C. W. Freelove, Clyde.

The Kansas Swine-Breeders' Association has its literary session in connection with the meetings of the Improved Stock-Breeders' Association, and its sixteenth annual meeting was a business session pure and simple. After the report of the secretary and the transaction of routine business, a general discussion was had in regard to the proposed exhibit of breeding swine at the American Royal, and the following resolution was adopted:

Whereas, The industrial enterprise of our stock men of the central coupled with the liberality of the Stock Yards Company, have established a great annual exhibition of horses and cattle worthy of emulation by the whole world,

Resolved, That we request the management of the American Royal Show to include breeding swine of all established breeds,

Resolved, That we appeal to the Stock Yards Company of Kansas City, which is in the very center of the stock growing section, of the United States, to be more liberal in providing the facilities for maintaining what should become the greatest exposition of livestock in the world, the American Royal.

President Babcock then announced that the Standard Poland-China Record Association would hold its annual meeting at St. Joseph, Mo., for the better accommodation of Kansas and Nebraska breeders, and requested that all breeders who should not be able to attend, should send their proxies to himself or to some other active member who should be present.

Shawnee Breeders' Association.  
Officers for 1906.

President, C. W. Merriam, Topeka.

Secretary-Treasurer, I. D. Graham, Topeka.

Director for Cattle, T. P. Babst, Dover.

Director for Horses, D. O. Orr, Topeka.

Director for Swine, J. W. Ferguson, Topeka.

This association met at the call of the secretary and directors for the transaction of certain routine business, and the planning of future sales. There was a goodly attendance of members, and after discussion it was decided to attempt to hold a sale of Shorthorn cattle, one of Poland-China swine, and one of grade horses at dates to be fixed by the executive committee, some time during the spring. The purpose of this association is to make of Topeka a sale center for pure-bred stock, and thus afford a regular and steady market for the surplus of the many breeding farms in Shawnee and adjacent counties.

It is also proposed to build a permanent sale pavilion on the State Fair Grounds at Topeka, for the accommodation of these sales, and for use by exhibitors at the State Fair. The report of the secretary showed the affairs of the association to be in good condition, and announcements of the exact dates of the proposed sales will be made in due time.

(Continued next week.)

## The First Berkshire Sale.

The first opportunity of the new year to buy at public auction large English Berkshire bred sows and gilts will be at the sale advertised by C. W. Elyea, Jewell City, to be held on February 2, 1906. The catalogue received shows a very desirable line of breeding, as the foundation stock have been selected with great care from the leading breeders of the country, and most of the females in this offering are bred to the Canadian bred boar, Durham Prince 11th. Write at once for catalogue and mention KANSAS FARMER, and if you can not attend send bids to Col. John Brennen, the auctioneer.

## Gossip About Stock.

A subscriber desires the name and address of parties who have greyhounds for sale, any one who has these dogs for sale or who knows where they can be had will confer a favor by notifying the Kansas Farmer.

The Duroc-Jersey bred-sow sale advertised as an annual event by J. B. Davis, of Fairview, will be held at his farm near town on Friday, February 2, 1906. Buyers who can not be present can send their bids after receiving catalogues, care Kansas Farmer, and they will have careful attention.

The Poland-China breeding firm of J. R. Killough & Son, has always stood for typical Poland-Chinas of the best breeding. The buyer could always be sure of getting the right kind at right prices, and honorable treatment always. Notice the new change in their advertisement and see what this firm has for ready sale. A visit to this establishment will be worth the time to any breeder or buyer. In writing them be sure to mention Kansas Farmer.

The attention of the buyers of first-class Poland-China hogs is called to the change of advertisement of W. R. Peacock, Sedgewick, Kans., whose herd is headed by Kilver's Perfection 32865 and is the sire of the show herd of 1904. The best sows in the herd are by him and are closely related to Thick Set and Keep On. Mr. Peacock also has spring boars, and gilts sired by or bred to a son of Mischief Maker or Corrector. The gilts offered will be sold bred or open as the customers may desire.

Mrs. A. E. Harness of Speed, Mo., whose advertisement of Mammoth Bronze turkeys found in these columns, has a fine lot of young stock for sale from her prize-winners at Booneville, Mo. She won five ribbons on six entries; first, on cock, hen and pullet; second, on cockerel and pullet. Young toms weigh 28 to 30 pounds; pullets 16 to 19 pounds. Birds are all large-bone and good plumage. Persons desiring good prolific breeding stock should receive her prices.

Now is the time to secure a start in Duroc-Jersey swine or to get some new blood for your herd. The quickest and easiest way to do these things is to buy some bred gilts or sows and your herd is already started. E. G. Cowee of Soranton, Kans., has a choice lot of gilts bred to a boar whose sire was a World's Fair prize-winner. This herd board is Notcher by Notcher King by Top Notcher. This blood is good enough for anybody. Mr. Cowee is very reasonable in his prices and it will pay to write him at once and get the choice of his herd.

Mr. Chas. Dorr whose Duroc-Jersey breeding farm is located near Peterson, Kans., but whose postoffice address is Route 6, Osage City, desires to extend his thanks to his customers who have bought animals from his Gold Standard herd and will try to please them better this year than ever. His business has been very good and he is now entirely sold out of boars and gilts large enough for service. He has nothing for sale at this time except fall pigs, but they are good bargains at the prices he asks for them. Wouldn't you like to own a few nice pigs by Ohio Chief, Jr., or by Royal Rob, by Chief Perfection, or by Honesty the 800 pound heard boar? If so, just write to Mr. Dorr and he can please you. See his advertisement.

J. T. Bayer, of Yates Center, Kans., was fortunate in his purchase of the great Berkshire boar Star Lee 88238 by Lord Lee 61138 who is the most successful prize-winning son of Lord Premier 50001. Lord Premier was sired by Baron Lee 4th 99446 by the great Longfellow 16835. In the purchase of Royal Star 76263 his herd-header and the careful selection of other animals. Mr. Bayer now has one of the best herds of Berkshires in Southwestern Kansas. Mr. Bayer is also a breeder of Shorthorns and his good judgment was also shown when he purchased Baron Rupert 248267 to head his herd. This bull is an Orange Blossom tracing direct to the great Roan Gauntlet and carries some of the best Cruickshank blood known to the breed. The cows in this herd are richly bred and of fashionable families that Mr. Bayer has selected from good herds in Kansas, Missouri, and Nebraska, and he is now prepared to furnish choice calves of either sex of the best Scotch-topped and bates blood. Note his advertising card on another page.

## FOR SALE

## The Two Famous Stallions, Red Cloud and Kentucky.

KENTUCKY is jet black, star and four white pasterns, has a beautiful mane about three feet long, his tail reaches the ground. He is seven years old, stands 16 hands high and weighs 1,225 pounds. He is powerful and well built. Both he and his colts show wonderful speed. A lady can drive or ride him. He was sired by Kentucky Wilkes, by Kentucky Chief, dam of sire, by Governor Wilkes (6513), by George Wilkes (519), by Hambletonian (10). His dam was by Opal, by Swigart (650), by Alexander's Norman (25), by the Morse Horse (6), by European. Opal dam was by Ethan Allen (43), record 2:15, by Black Hawk (5) by Sherman's Morgan, by Justin Morgan. The Morse (6), sired Gen. Taylor, holding the world's record for the best 30 miles. Gen. Taylor sired Controller that holds the best 20 mile record (see page 1336 Horse Review.) He shows the Hambletonian and Black Hawk Morgan strain and is a show horse. He has so far nearly always produced a breed of black colts.

RED CLOUD is a chestnut, with star; stands 15½ hands, weighs 1,250 pounds and is 10 years old. He trots or paces to a buggy or cart and single foots under the saddle. He is one of the fastest double gaited stallions in the West. He has to his credit pacing miles in trial heats of 2:10, an eighth of a mile in 15 seconds or at the rate of a mile in 2:00. He was sired by Agate 2:16, by Opal, 2:23, by Swigart (650), by Alexander's Norman (25), by the Morse Horse (6), by European, dam Thoroughbred. For further tracing see Kentucky pedigree. This horse runs back to the best thoroughbreds and is as fast as the fastest. Some of his colts have made 2:16 and better and have sold as high as \$500, \$600 and \$700 each. A lady can ride or drive him. Price \$1,500 each or the two for \$2,700 if sold soon. These horses are both clear of incumbrance and are as fine, fast and high-bred as the great State of Kansas can produce. Everything considered, they are two of the cheapest horses ever offered for sale in Kansas. They have had good care and are in splendid shape to make a big stand the coming season. They will be an honor and paying investment in any locality. If you do not want to buy them yourself, get up a company and come and buy them. If you wish a bargain, come soon. Cut this out, as it will not appear again. I am on the Quinton and Santa Fe street car line at 1820 Clay Street. HARRY G. SHORE, Manager. Topeka, Kansas.

When writing mention the Kansas Farmer.

## The Gudgell &amp; Simpson Sale of Herefords.

Read what Gudgell & Simpson say about their offering:

On May 23, 1879, nearly 27 years ago and two years prior to the organization of the Hereford Cattle Breeders' Association, we made our first public sale of registered Hereford cattle at the Stock Yards in Kansas City. This was the first auction sale of Herefords ever held at Kansas City and the first of such sales held west of the Missouri river. The veteran auctioneer, Col. J. W. Judy officiated on this occasion and closed out the offering, consisting entirely of bulls, at an average of \$256. Since this first occasion we have participated in a great many public sales at Kansas City and at other places, but always in connection with other breeders.

As our herd is now rather large numbering at present over 900 head of registered Herefords of all ages and growing rapidly, we feel the necessity of reducing stock somewhat and to this end will have a one-day auction wholly on our own account.

We began the breeding of Herefords nearly 30 years ago when we bought seven females and a few bulls from the F. W. Stone herd of Guelph, Canada. We made three importations of Herefords from England in 1880, 1881, and 1882 aggregating something over 250 head. In our second importation we brought over the two bulls, Anxiety 4th 9904 and North Pole 8946, the former from the then famous Stocktonbury herd of Mr. T. J. Carwardine and the latter from the long established and equally famous herd of Mr. A. Rogers at The Rodd. These two bulls were carefully selected with the special object in view of improving both the front and rear ends of our Herefords. The uniformity and high quality for which our herd has established quite a reputation is in the main due to the concentration and happy combination of the blood of these two bulls.

As will be observed, we used Anxiety 4th to a much greater extent than we did North Pole. In explanation of this will say that the former was a good breeder of both bulls and heifers, whereas the latter was a success only as a sire of heifers. His productions in this line however, were very meritorious and quite a number of his heifers were reserved as matrons in our herd.

With regard to the cattle entered for this sale we will say that they are the choice selections of the young things in our herd. We have nothing left in our herd of the same ages that are as good as those we enter for this sale.

Among the cattle listed will be found some show material, some herd-headers and all the very best of foundation stock for breeding purposes.

In view of the no small amount of dissatisfaction that has resulted to the patrons of public sales from the purchase of matured females that have formed bad habits and of heifers well

FREE Flower Seeds 1000 sorts, new and old, for a big bed; also Park's New Floral Guide FREE. Tell your friends. Geo. W. Park, LaPark, Pa.

**TAPE-WORM** Expelled alive in 60 minutes with head, or no fee. No fasting. Large pamphlet for 5c stamp. DR. M. NEY SMITH, Specialist, 509 Pine St., St. Louis, Mo.

**STOLL'S STAY-THERE EAR MARK.**  
The best and cheapest ear-mark made. It possesses more points of merit than any other make. Send for samples. H. C. Stoll, Seattle, Wash.

New York Valley Herds  
of Shorthorns and Berkshires

Baron Rupert 248267 at head of Shorthorns. Young Scotch-topped and Bates bulls for sale. Royal Star 76263 and Star Lee 88238 at head of Berkshires. Choice early fall boars and gilts for sale. Also a few brood sows. Telephone on farm.

J. T. BAYER,  
Route 1, - - - Yates Center, Kans.

## E. G. KINLEY, Topeka, Kans.

Manufacturer of and Dealer in  
CARRIAGES, BUSINESS WAGONS, &c.  
Buggy Tops Wholesale and Retail.  
Special Prices on Spring Wagons.  
Order Work, Repairing, and Rubber  
Tires.

Repository, 116 West Fifth Street. Factory, 424-426  
Jackson Street. Ind. Phone 699.

## HOG CHOLERA

Free remedy for 30 days. I am going to prove to the hog raiser of this country that I am offering him the remedy he has been looking for. Send me your name and I will send you a regular \$1.00 package for trial.

W. E. VINCENT,  
Prop. Elm Lawn Stock Farm,  
Hutchinson, Kans.

DRAUGHON'S  
Business Colleges

Ft. Scott, St. Louis, Kansas City, Oklahoma City and Muskogee. 26 colleges in 15 States. POSITIONS secured or money REFUNDED. Also teach BY MAIL. Catalogue will convince you that Draughon's is THE BEST. Call or send for it.

## The Old Reliable Anti-Friction

FOUR BURR MILLS.



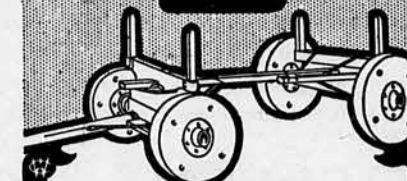
No Gearing. No Friction. Thousands in use. Four horse mill grinds 60 to 80 bu. per hour; two horse mill grinds 30 to 50 bu. per hour. We make a full line of Feed Mills, best ever sold. Including the Famous Iowa Mill No. 2 for \$12.00, also Hot Air Furnaces, Farm Bolders, etc.

Manufactured and sold by the  
Bovee Grinder and Furnace Works, Waterloo, Iowa.



C. F. STONE, Peabody, Kansas,

Breeder of  
PRIZE-WINNING HOLSTEINS.  
Young Bulls and a few young cows and  
heifers for sale.

HANDIEST THING  
ON THE  
FARMA FARMERS  
HANDY WAGON

WOOD OR STEEL WHEELS

is the handiest thing on the farm, because it is the one wagon for every farm purpose; because it does work no other sort of a wagon is suitable for; makes work lighter for horse and man; loads and unloads easier than the high-wheel wagon; runs lighter over any kind of ground; wears longer and sells at a reasonable price. Sold by dealers everywhere. 48 page catalog tells the whole wagon story. Send direct to us for a copy—you'll be interested in the story.

FARMERS HANDY WAGON CO., Saginaw, Mich.  
Branches: Kansas City and Des Moines.  
Also makers of Farmers Handy Hay and Stock Racks  
and Handy All Steel Frame Bins. Catalogue free.

MADE IN SAGINAW



advanced in calf, we have concluded that to sell the cattle when they are young will eliminate from the public sale ring all suspicions of wrong-doing on the one hand and the risk of loss by miscarriage due to shipment on the other. It is our belief that a buyer at the end of a term of say 5 to 10 years, will have much more of actual net value and satisfaction to show from an investment in yearling heifers bought at a public sale than he will from a like amount invested in matured females purchased in a similar way.

GUDGELL &amp; SIMPSON.

## Publisher's Paragraphs.

J. D. Tower & Sons Co., Mendota, Ill., received the following: "I have used your surface cultivators for the past three years, and I find on my soil, which is a light sandy one, that I can raise nearly double the amount of corn with a Tower Surface Cultivator than with any snovel plow I ever used. C. J. Nokes, Shepardsville, Mich."

For twenty-five years the King Harness Company, of Owego, Tioga County, New York, has made a specialty of selling harness by mail at wholesale prices, and as a result this company has built up a great business and a highly-prized reputation for square dealing.

The harness this company sells is not cheap and trashy, made simply to sell at a low price; it is all custom-made of oak-tanned leather and is guaranteed to give satisfaction or money will be refunded. Purchasers have the privilege of examining the harness before paying for it. It will pay every owner of a horse to write to the company for their illustrated catalogue and price list, both of which will be sent free.

## McClure's Free Offer.

It is with great pleasure that we refer to the announcement on page 63 of McClure's Magazine. Any reader of the Kansas Farmer can get it free all winter. It is well worth having. We recommend it to all of our readers. Cut out the coupon and send it to the editor.

## Would Not Do Without Them.

The Iroquois Canning Co., Onarga, Ill., write to J. D. Tower & Sons Co., Mendota, Ill., as follows: "We were able to harvest not less than fifteen cases more corn to the acre on our entire acreage of 3,300 acres than we ever did before under the very best conditions. We think so much of the Tower Cultivators that we would not be willing to attempt to do any farming without them. L. J. Risser, Prest."

## Lower Priced Separators.

There is no question but that there has been among dairymen a crying need for a high-grade separator, which could be sold at a lower price. Everybody wants a cream separator, but many have felt they could not afford to pay the high prices demanded. It remains for a Chicago separator manufacturer to meet this demand and to place a separator of the first-class on the market at a price which is within reach of even the smallest cow-owner. We refer to the Davis Cream Separator Co., of Chicago.

The high price at which separators have been sold has been due, not to the expense of manufacturing, but to the costly plan of selling. Here is where the Davis people have found opportunity to make their great cut in price. They have not cheapened the material, or reduced the capacity, or built an inferior machine; but they have adapted the plan of selling direct from their factory to the user, cutting off all State agents', jobbers' and dealers' commissions and expenses. They have found that by pursuing this policy, they are able to sell direct to users their Simple Davis Separator at a price but little more than half of what other standard machines are selling for. And it is one of the easiest running, cleanest skimming, easiest cleaned machines on the market. We believe that an investigation, both as to quality and price, will prove what we have said to be true. The way to begin is to write to the Davis Cream Separator Co., 54 O. North Clinton St., Chicago, for their catalogue. Not necessary to write a long letter; a postal will do. Just address as above and say: "Send me your catalogue No. 125." It will come promptly.

## The American Royal for 1906.

At the annual meeting of the American Royal Live-Stock Show, held at the Midland Hotel, Kansas City, Monday, January 8, Geo. Stevenson, Jr., of Waterville, Kansas, was elected president. No change was made in the other officers, all of them being reelected. The number of directors was increased from nine to eleven, the two additional directors being nominated by the horsemen.

All of the directors nominated by the various interests participating in the show were unanimously elected, as follows: Hereford breeders, Overton Harris, Harris, Mo., and C. R. Thomas, Kansas City. Shorthorn breeders, T. J. Wornall, Liberty, Mo., and B. O. Cowan, Chicago. Aberdeen-Angus breeders, H. N. Elliott, Estill, Mo., and Geo. Stevenson, Jr., Waterville, Kans. Galloway breeders, Robt. Brown, Carrolton, Mo., and A. M. Thompson, Nashua, Mo. Draft and coach breeders, William McLaughlin, Kansas City, and George R. Crouch, Lafayette, Ind. Kansas City Stock Yards Company, Eugene Rust. Messrs. McLaughlin and Crouch represent on the board of directors five associations of horse breeders and importers, each of which becomes a stock-

## 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.

## MISCELLANEOUS.

EARN FROM \$87.50 to as high as \$155.70 per month. Wanted—400 young men and sound men of good habits to become brakemen and firemen. Big demand in Wyoming, Nebraska, Kansas, Colorado and Missouri. Instructions sent by mail; stamp for reply. Northern Railway Correspondence School, Room 202 Sykes Block, Minneapolis, Minn.

LADIES—To do piece work at their homes. We furnish all material and pay from \$7 to \$12 weekly. Experience unnecessary. Send stamped envelope to Royal Co., Desk 49, 34 Monroe Street, Chicago.

WANTED—Your apples to grind. I do custom work every Saturday at my mill on West Sixth St. H. W. McAfee, Topeka, Kansas.

"THE CEMENT WORKER'S HAND BOOK" tells you how to do all kinds of cement work successfully—walls, floors, walks, tanks, troughs, cisterns, fence posts, building blocks, etc., etc. Second edition. Cloth bound. Sold in all English-speaking countries. Sent to any address for 50 cents. Address W. H. Baker, Seville, Ohio.

WANTED—Two energetic young men to learn very profitable, legitimate business. Two week's training. Must have some capital. Write for particulars. P. O. Box 176, Emporia, Kans.

AGENTS WANTED Sell \$1 bottle Sarsaparilla for 35c. best seller; 200 per cent profit. Write today for terms. F. R. Greene, 115 Lake St., Chicago

WANTED—Lady Agents \$3 to \$6 per day, introducing into every household our brand new style hat pins. Exclusive territory, success certain. Send 25 cents for sample. W. M. Judy Co., 211 W. 9th St., Cincinnati, O.

## BE YOUR OWN DOCTOR

With a case of our Twelve Tissue Remedies in the home you can successfully doctor your own family and ward off disease. These remedies are simple, reliable, effective, non-poisonous. Used by the most progressive physicians throughout the world. Put up in two sizes.

Case No. 1 (including book) by mail \$3.00  
Case No. 2 ( " " ) by express \$4.50  
Write today for an outfit and save money.

HOUSEHOLD SUPPLY CO., Morgan Park, Ill.

## SEEDS AND PLANTS.

50,000 TREES AT HALF PRICE—First-class apple, plum, cherry. Plants, shrubs at wholesale. Peach tree, \$10 per thousand. Catalog free. Seneca Nursery, Seneca, Kans.

SEED CORN—"Hildreth yellow dent easily ranks first as the best producing variety."—Bulletin 123. Won three first premiums at Topeka and Hutchinson State Fairs 1905. Write to C. E. Hildreth, corn breeder and grower, Altamont, Kans.

FOR SALE—Spring of 1906 seed sweet Potatoes, six kinds. Prices on application; also a fine lot of eating sweet potatoes. A. P. Myers, Hayesville, Ks

## POULTRY.

FOR SALE—Choice Black Langshan cockerels, \$1 each. Mrs. J. L. Parsons, Clearwater, Kans.

WHITE HOLLAND TURKEY TOMS—Pure thoroughbred birds for sale at \$3. Address or call on B. C. Uuruh, Route 1, Pawnee Rock, Kans.

FOR SALE—A few Silver Laced Hamburg and S. C. Brown Leghorn cockerels, all full bloods. H. P. Hudson, Chase, Kans.

ROSE COMB BROWN LEGHORN COCK-ERELS, from fine egg-laying strain. Bertha Gresham, Bucklin, Kans.

FOR SALE—Pure bronze turkeys, heavy boned, beautiful birds. Wm. Newcomb, Welda, Kans.

holder in the American Royal. They are the Percheron Registry Association, American Association of Importers and Breeders of Belgian Draft Horses, American Clydesdale Association, German, Hanoverian, and Oldenburg Coach Horse Association of American, and the French Coach Horse Association.

The following officers for the ensuing year were elected: President, George Stevenson, Jr.; vice-president, Eugene Rust; secretary-treasurer, T. J. Wornall; general manager, C. R. Thomas; superintendent of gates, A. M. Thompson; superintendent of publicity, Jno. M. Hazelton.

The week of October 8-13 was selected for the 1906 show. This is the week immediately following the Missouri State Fair, and the second week after the Illinois State Fair. It was stated at the meeting that the indications were good for a large swine show at this year's American Royal, but no definite details were announced.

## PUBLICATION NOTICE.

The Chicago-Topeka, Light, Heat and Power Company, William Brace, Trustee, and the Northern Trust Company, will each take notice that they have been sued in the district court of Shawnee County, State of Kansas, as defendants, by N. J. McBryer, as plaintiff; that plaintiff's petition is now on file in the office of the clerk of said court, alleging that you and each of you claim some right, title or interest in and to certain real estate in Shawnee County, Kansas, described as follows, to-wit: Lots 310, 312, and 314, Kellam Avenue, in Jenkin W. Morris Addition to the City of Topeka, under two certain deeds of trust, which instruments said petition alleges were without consideration, and are void.

Now, unless you answer said petition on or before the 3rd day of March, 1906, said petition will be taken as true, and judgment rendered against you, and declaring said instruments null and void.

P. H. FORBES,  
Attorney for the Plaintiff.  
Attest I. S. CURTIS,  
Clerk of the District Court.  
(Seal)

## HORSES AND MULES.

FOR SALE—Registered French draft and Percheron stallions, mares and colts; bays, browns and blacks. One gray stallion, 13 years old, sound and sure. Jake Howard, Hoyt, Kans.

SPANISH-MAMMOTH JACK—For sale, a grand-son of Don Carlos, coming 4 years, a good server, I am a regular breeder, and can spare and recommend him. Address G. A. Reinhart, Silver Lake, Kans.

FOR SALE—The Standard-bred stallion, Salina Boy 30649. Perfectly sound in every respect; sure breeder; broke single and double; will take small driving team in part payment. R. E. Terry, Barvaria, Kans.

STOLEN—Sept. 22, 1905, one bay driving horse, 5 years old, weight 1,100, spot in forehead, splint on each front leg, slit in ear, wire mark on right hind foot, spot in one eye. Reward, \$25. Orville Ellis, Lyons, Kans. Phone 141.

FOR SALE—One large, black Mammoth jack, 5 years old, 16 hands high, weight 1,100 pounds, black with mealy points. This jack is extra-heavy boned, good foot and ear, quick server, sure foal getter and can show colts. He has action like a road horse. He is also a show jack and comes from a show family. Malone Bros. Chase, Rice County, Kans.

STRAYED OR STOLEN from my farm, 2 bay horses, weight about 14 or 15 hundred pounds, one with blaze face, glass eyes, feet white; other, one hind foot white, patch of hair off of right jaw. Suitable reward for return. Allen Fleisch, Route 1, Garfield, Pawnee Co., Kans.

FOR SALE—The black imported Percheron stallion Bonnevall 23072, 8 years old, weight 2,000. Come and see him and his get, ranging from 6 months to 3 years of age. Munden Percheron Horse Co., Munden, Kans.

FOR SALE—The Seal-brown Percheron stallion Brilliant Junior. His breeding and colts are second to none in the state. Good reason for selling; also 1 Cleveland Bay, 1 Clyde, 1 Shire and 3 good Black Jacks. Prices right if sold before February 15. Address L. Cox, Concordia, Kans.

CROSS-BRED Percheron and Shire stud, coming 3 years old. Three imported crosses; color, size and individuality extraordinary. R. H. Mullins, Belling, Kans.

LOST OR STRAYED—Brown mare, weight 1100 pounds, white spot in forehead, barb wire out on side, somewhat sway backed. Suitable reward for return. J. W. Gillard 636 Highland ave., Topeka.

## CATTLE.

FOR SALE—Fine young D. S. Polled Durham bulls, get of Duke of Rose Pomona III X 1479 and S. H. 155625 out of Canadian Duchess of Gloster 29th. C. M. Albright, Route 2, Overbrook, Kans.

FOR SALE—Hereford bulls, choice and blocky, aged 8 months to 2 years. J. W. Tolman, Hope, Ks.

ABERDEEN-ANGUS CATTLE and Percheron horses. Stock for sale. Garret Hurst, breeder, Peck, Sedgwick County, Kans.

FOR SALE—Registered Galloways. Bulls, cows and heifers, singly or in car lots. Dean Bartlett, St. Marys, Kans.

HOLSTEINS—Bull calves, 3 to 8 months old, one yearling, extra choice. H. B. Cowles, Topeka, Kas

PEDIGREED SHORTHORN BULL—3 years old; sire Magenta, who cost \$1,100 at 8 months. Cheap. S. J. Rens, Leavenworth, Kans.

RED POLLED BULLS—Nice ones, 6 to 18 months old. Write H. L. Pellet, Eudora, Kans.

FOR SALE—25 Duroc-Jersey boars, large enough for service and 60 gilts, open or bred. Pigs strong boned and best of color. Prices low. A. G. Dorr, Route 5, Osage City, Kans.

CHOICE Registered Shorthorn bulls and heifers, cheap. M. C. Hemenway, Hope, Kans.

FOR SALE—The pure Cruickshank bull, Violet Prince No. 145647. Has been at the head of our herd as long as we can use him. An extra animal. H. W. McAfee, Topeka, Kans. (2 miles west of Kansas Ave. on 6th Street road.

WANTED—Man to milk 25 cows and separate cream. Will pay \$25 per month, steady job to the right man. Miller Bros., The 101 Ranch, Bliss, O. T.

FOR SALE—One straight Cruickshank bull, 14-months-old, dark red, extra good animal. H. W. McAfee, Topeka, Kansas.

REGISTERED GUERNSEY BULLS.—Ready for service. Also pure-bred Scotch Collie puppies. Dr. J. W. Perkins 423 Altman Bld., Kansas City, Mo.

FOR SALE—Registered Jersey cattle. Two yearling bulls. Sires. A son of Beattie Lewis, 32 lbs. butter 7 days, and "Financial Count" (Imported) grand dam held Island butter record 3 years. Sire's dam holds public milk record of 58 pounds daily, and his dam and Island winner in class for 2 years. Her 4 dams 22 to 26 quart cows, and all winners. Sayda Polo Jersey Farm, Parsons, Kans.

## SWINE.

FOR SALE—20 good, strong spring and yearling Berkshire boars that are just what the farmers want. Prices right. Address E. W. Melville, Eudora, Kans.

FORTY head of pedigreed Duroc full pigs; good color, well built. Write to Chas. Dorr, Route 6, Osage City, Kans.

THOROUGH BRED DUROC-JERSEY pigs; high grade Red Polled bull calves; prices reasonable. I. W. Poulton, Medora, Kans.

HAVE DECIDED to sell my herd boar. Corrector 3d 30129, farrowed April 20, 1902, weighs 300 pounds, can be made to weigh 600 to 700 pounds; also a few young gilts and boars. Want one? Write me. J. W. Keck, Route 23, Anburn, Kans.

FOR SALE—25 Duroc boars large enough for service and 60 gilts, open or bred; strong bone and best of color. Price low. A. G. Dorr, Osage City, Kans.

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.

BOARS FOR SALE—3 Poland - Chinas of March farrow. Select pigs reserved for sale which was postponed. Address W. L. Reid, Route 4, North Topeka, Kans. Phone 433 via Meriden.

## ANNOUNCEMENTS.

GEO. A. HURON, is a candidate for the office of Probate Judge of Shawnee County, subject to the Republican primaries.

By written request of many voters of the Thirty-seventh Representative district, I hereby announce my candidacy as representative from Shawnee county, subject to the primaries of March 10, 1906. A. E. DICKINSON.

I HEREBY ANNOUNCE myself as a candidate for the office of county treasurer of Shawnee county, subject to the Republican primaries. G. W. VEALE

## FARMS AND RANCHES.

KANSAS LANDS.—I have a choice lot of well-improved farms in Marion County, varying from \$20 to \$60 per acre. Also large list of Western Kansas lands. For full particulars, address, A. S. Quisenberry, Marion, Kans.

FOR SALE—320 acre well improved farm 6 miles from Emporia. Price, \$25 per acre. Write Hurley & Jennings, Emporia, Kans.

A 320 ACRE FARM within two miles of good town. Good new house, barn and stables, all bottom land, the best of alfalfa land, two artesian wells, one at house and one at barn; good orchard, good for any kind of crop, a good fish pond near the house with plenty of fish. J. Balmun, Arlington, Kans.

GOVE COUNTY WHEAT FARMS—\$6 to \$15 per acre, deep rich black loam yielding 25 to 50 bu. per acre. Excursion Feb. 6th to 20th. Come and go with us. Write or call and let us tell you about this country. Eastman & Lakin, 115 West 6th Ave., Topeka, Kans.

CHEAP HOMES—400 acres. 80 acres in wheat close to school, good improvements, 6 miles to town, \$16 per acre; 80 acres, half in cultivation, 5 miles to town, price, \$1,200; 160 acres, fair improvements, 5 1/2 miles to town, all fenced, 3 good springs, price, \$2,000; 160 acres, all bottom land, fair improvements, fine timber, 2 1/2 miles to town, price, \$5,000; 80 acres, small dwelling, good orchard, close to school, 3 miles to town, price, \$1,500. Write J. W. Simpson, Tecumseh, Ottawa Co., Kans.

BUY FROM OWNER—This fine alfalfa and sugar beet farm, near school and town, only 6 to 12 feet to inexhaustible supply of sheet water, a bargain for quick sale. James A. Jackson, Syracuse, Kans.

440-ACRE FARM—Close to good town, very good buildings with growing crops at \$17 per acre. Other bargains in improved farms with crops. Missouri farms for sale. California land for sale. Western Kansas land at \$2.50 to \$3.00 per acre. Write or come and see what I have in the way of bargains in city property. J. Balmun, Arlington, Kans.

FOR SALE—The Dean Bartlett ranch, consisting of 3,200 acres on the New Topeka and Northwestern railway. Near the town of Emmet, Pottawatomie county. Will sell all or a part. Address Dean Bartlett, St. Marys, Kans.

FOR SALE—80 acres Arkansas second bottom, 4 miles east of Great Bend. All in cultivation. Fine alfalfa land. Address R. care Kansas Farmer, Topeka, Kans.

GOOD BARGAINS—80 acres, half cultivated, nice improvements, family orchard; price, \$1,700; 320 acres, 170 cultivated, small improvements, \$500; 500 acres, 300 acres cultivated, finely improved, \$12,500. All sizes and kinds. Write to Salina, Minneapolis or Florence, Kansas for lists. Garrison & Studebaker

FOR SALE.—A good farm of 320 acres in Anderson County, Kansas, main line Missouri Pacific railway, R. F. D., near to school and church, American community, good improvements; \$22.00 per acre. A bargain. Address O. J. Prentice, 158 W. 4th avenue, Chicago.

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 906, Wichita, Kans.

LAND FOR SALE In Western part of the great wheat State. H. V. Gilbert, Wallace, Kans.

## KANSAS LAND FOR SALE.

Corn land, wheat land, alfalfa and ranch land. Write us for prices. Niquette Bros., Salina, Kansas.

## A CORN AND ALFALA FARM.

FOR SALE—One of the richest improved farms on Prairie Dog Creek. Soil is black loam that yields big crops every year. This year an average of 60 bushels of corn, about thirty acres in pasture; and timber, 15 acres in alfalfa, balance corn land. Good house and barn and other farm buildings. On account of change of business the owner desires to sell soon. Address

M. E. Beall, Woodruff, Kans.

## Think of It

A whole section, 640 acres, in the wheat country, only four miles north-east of Wakeeney, on the Union Pacific, in Trego Co., Kan., for \$8 per acre. Liberal terms. This is Sec. 25, T. 11, R. 23. Address at once, FRANK J. BROWN, Exclusive Agent, Topeka, Kan.

## S. M. WOOD &amp; CO.

## REAL ESTATE, RENTALS, LOANS.

Buy, Sell, or Exchange Wild Lands, Ranches, Farms, City, Property, Stock or Merchandise. Call or Write Us.

TOPEKA, KAN. 534 KANSAS AVE.

## SHAWNEE COUNTY FARMS.

160 acres, 11 miles southwest of Topeka. 65 in cultivation, balance pasture and orchard of 1387 bearing trees; 5-room house; good barn and sheds, plenty water, well fenced; \$6,800.

595 acres, fine pasture, 16 miles northwest of Topeka, \$35 per acre.

400 acres, 6 miles south of Topeka, two complete sets of improvements, fine large barns, chicken-house, tool and machinery sheds, waterworks, hydrants in yard; one of the best improved and finest lying farms in Shawnee County. We have a fine line of Shawnee County farms. Write for our lists.

EASTMAN &amp; LAKIN, 115 West 6th Ave. Topeka, Kans.

## Stray List

## Week Ending January 4, 1906.

Jackson County—T. C. McConnell, Clerk. HEIFER—Taken up by J. H. Davis in Liberty tp., on Dec. 23, 1905, one yearling heifer, red with white spots over body.

Allen County—J. W. Kelso, Clerk. STEER—One red 2-year-old steer, v in underside both ears, brush of tall white, white star in forehead; valued at \$18.

## Week Ending January 18, 1906.

Pottawatomie County—C. A. Grutzmacher, Clerk. HORSE—Taken up by J. O. Benton, in Lincoln tp. (P. O. Onaga), Dec. 27, 1905, one black filley, 3 years old, white in face; valued at \$50.

HORSE—Taken up by same, one gelding, 2 years old, black, no marks or brands; valued at \$40.

HORSE—Taken up by same, one bay filley, 2 years old, no marks or brands; valued at \$40.

HORSE—Taken up by same, one black filley, 3 years old, white in forehead; valued at \$50.



## WHITE HOLLAND TURKEYS

World's Fair Prize-winners. Also Bred Plymouth Rock chickens. Stock for sale, and eggs in season. Address  
Miss Lillian Schaal, Lexington, Mo.

## BLACK LANGSHANS

Bred by John Shank, New Cambria, Kansas  
Stock and eggs for sale. Eggs, \$2 per 15.

## C. W. LEIGHTON,

Breeder of Exhibition Black Langshans  
Rural Route 15, Tecumseh, Kans. Owner of first prize cockerel at State Poultry Show 1906.

## Silver Wyandottes, Indian Runner Ducks and Fox Terrier Dogs

Stock for sale at all times. Address  
M. B. CALDWELL, - Broughton, Kansas

## R. C. Rhode Island Reds

Winner at the 1906 Kansas State Poultry Show of 1st and 2d prizes on cock, cockerel and pen and 4th on pullet. Twenty-five cockerels for sale; also six choice White Plymouth Rock cockerels. Write for prices. H. D. WILLEMS, Inman, Kans.

## Fancy Black Langshans

G. C. MILLER, Breeder.  
Stock for sale. Fifteen eggs for \$2. Address  
546 Missouri St., LAWRENCE, KANS.

## Barred Rocks Bronze Turkeys Acme Strain

Prices on application. Telephone in residence. Address Mrs. W. B. Popham, Chillicothe, Mo.

## AMERICA'S CENTRAL

## POULTRY PLANT

Buff, Black and White Langshans, Buff Leghorns and Light Brahmans. Stock for sale. Eggs in season. J. A. LOVETT, Prop., - Route 1, - MULLINVILLE, KANS.

## SHOEMAKER'S BOOK ON POULTRY

and Almanac for 1906 contains 224 pages, with many fine colored plates of fowls true to life. It tells all about chickens, their care, diseases and remedies. All about incubators and how to operate them. All about poultry houses and how to build them. It's really an encyclopedia of chickendom. You need it. Price only \$1.50. C. C. SHOEMAKER, Box 492, FREEPORT, ILL.

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## This 230 Egg Incubator

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We Pay the Freight  
East of the Rockies.  
Here's an offer never before equalled. The famous  
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We all know—because hens are not laying now. But why do poultry owners overlook this chance to make money? It must be because they don't believe our statement that  
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**SECURITY STOCK FOOD CO.**  
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## Wonderful Hatcher

You can almost count your chickens before they hatch if you use the "Sure Hatch" Incubator. For every hatchable egg will give you a healthy chick, just as sure as you're born. The certainty of the "Sure Hatch" is what gave this famous incubator its name. You can take off 85 per cent hatches and better every 30 days with a "Sure Hatch." And there's money in chicken raising when you get it down to a certainty. When you can figure up a profit of \$12.00 to \$15.00 per month on each machine you operate. We sell our 1906 "Sure Hatches" for \$7.50 and up on 60 Days' Trial, Freight Fully Prepaid by Us. Take off two trial hatches. Count your chicks. You will find a chick for every egg except those not hatchable. No other incubator on the market will show results like that—comparative tests prove it! Write for Free Catalogue.  
**SURE HATCH INCUBATOR COMPANY**  
Box 424 Clay Center, Neb. Dept. 8 Indianapolis, Ind.

POULTRY DEPARTMENT.  
(Continued from page 62.)

chickens do not need coddling or pampering, but enough of nutritious food to keep them growing from the start. When there is no check in growth the chickens will get over their feathering easily and soon be able to forage for themselves if they have liberty, and it is a great saving of food.

## Poultry-Raising in Western Kansas.

The advantages of Western Kansas as a poultry-producing country are equal if not greater than any other sections of the State can afford. The local demands can not be expected to be as great as farther east, but in proportion to the population it appears to be greater. The Denver markets always quote good prices and yet never seem to have a sufficient supply of fresh poultry produce. It appears that considering the Denver markets alone the proposition would be a paying one.

Now as to advantage presented for the raising of the products to be supplied to these markets: The land is open and fairly level and a desirable location for the chicken houses can be easily secured. The proper way is to build the houses facing south on land sloping in that direction.

Then the thought is brought forth as to what this country gives toward the immediate benefit of the chickens. The atmosphere is warm and dry and when a rain does come, the warm winds soon remove all the ill effects it may give. Young chicks may be raised through the tender age, with less fear of fowl troubles, caused by dampness, than in the eastern part of the State. Dry weather is what growing chickens need and in the Western country this is plentifully supplied. Considerable area for the youngsters to run over is desirable, and this can be bought at a fairly cheap price. The natural green pasture food is buffalo and prairie grass, both of which contain a large supply of nourishment. Alfalfa is and can be raised so the winter's supply of green food is readily obtained. Wheat, Kafir-corn and barley are standard feeds for poultry and are cheap and plentiful.

The insects are so thick that in the summer the poultry can almost thrive, without any grain being furnished to them.

Western Kansas is an excellent place for raising turkeys. The climate is good and the range fine. The grasshoppers are a pest in the wheat fields, and turkeys ranging over the fields will destroy many of these troublesome pests. This would improve the country, the wheat, and necessarily the turkeys.

The poultry business appears to be gradually spreading to Western Kansas and now is the time for the farmer interested in this work to take advantage of his opportunities. Kansas Agricultural Review.

## Sure Remedy.

Complete repose, the doctor said,  
Would put him at his best;  
And so he ceased to advertise  
And got the needed rest.  
—Woman's Home Companion.

## After Christmas.

The Mouse—"It was very kind of you to remember me with that ton of hay. I enjoyed it immensely."

The Elephant—"Don't mention it. I must thank you for that bit of cheese you sent me. It was just what I wanted."—Woman's Home Companion.

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We will send Complete, Illustrated, Poorless Incubator and Brooder plans free, showing how to build your own machines at little cost. Anyone can do it. Also fine illustrated catalog of Incubator and Brooder Supplies. Write for both. **PLANS FREE** Dept. 23 Quincy, Ill.

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of Standard bred poultry for 1906, printed in beautiful colors, contains Fine Chromes, illustrations and describes 60 varieties. Gives reasonable prices for stock and eggs, tells all about poultry, their diseases, lice, etc. This book only 10 cents. **B. H. GREIDER, RHEIMS, PA.**

## Grange Department

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

Conducted by George Black, Olathe, Secretary Kansas State Grange, to whom all correspondence for this department should be addressed. News from Kansas granges is especially solicited.

## NATIONAL GRANGE

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

## KANSAS STATE GRANGE

Master..... E. W. Westgate, Manhattan  
Overseer..... A. P. Beardon, McLouth  
Lecturer..... Ole Hibner, Olathe  
Steward..... E. C. Post, Spring Hill  
Assistant Steward..... Frank Wiswell, Ochiltree  
Chaplain..... Mrs. M. J. Ramage, Arkansas City  
Treasurer..... Wm. Henry, 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

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Geo. Black, Secretary..... Olathe  
J. T. Lincoln..... Madison  
O. F. Whitney..... Topeka, Station A

## STATE ORGANIZER

W. B. Obryhim..... Overbrook

## Grange Notes.

Secretaries of subordinate granges are urgently requested to send to Geo. Black, Olathe, Kans., Secretary of the State Grange, the names and post-office addresses of the master, lecturer, and secretary for 1906. Send these names as soon as possible.

Our esteemed treasurer of the State Grange, Wm. Henry, and his esteemed wife, celebrated the fiftieth anniversary of their marriage on Christmas day. All of their children came home, and they received many messages of congratulation. Mr. and Mrs. Henry have been working in the grange for thirty-four years. Mrs. Henry has been afflicted with rheumatism for several years which necessitated her absence from the State Grange for the last two meetings, and in consequence the Kansas State Grange adopted resolutions of sympathy and esteem at its last meeting and sent them to her.

Mr. and Mrs. S. S. Olney celebrated their golden wedding at their home in Spring Hill, Kans., December 30. All the living members of the family were present. Mr. and Mrs. Olney have been grange workers in Johnson County for 27 years, and closely identified with the grange cooperative enterprise of that county.

One of the pleasing events in Grange circles occurred in Olathe Saturday, January 6, when Olathe Grange No. 118 publicly installed a new corps of officers for 1906. The Lecturer of the State Grange, Ole Hibner, was installing officer, assisted by W. C. Brown of Monticello.

Olathe Grange has a beautiful hall, elegantly furnished, in the Grange block in Olathe; and while they lost everything they had by fire in 1903, they have now a large and well-filled library, and all that goes to make a well-equipped Grange. There were 250 people who witnessed the ceremony of installation, which was ably rendered, after which a bountiful repast was served in the large hall adjoining. H. C. Livermore, who has been business manager of the Johnson County Cooperative Association for thirty years, tendered his resignation

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to the directors of the Association, January 6, which was accepted. It takes effect February 1, though Mr. Livermore will remain in the business until his successor is introduced into the position and becomes familiar with the business. While Mr. Livermore's successor has not been selected, it is felt that W. W. Fry, manager of the Stanley branch store, will be the man. He has been connected with the business for nearly twenty years, and has a general knowledge of the needs and business methods of the Association. Mr. Livermore resigned his position on account of ill health; he has been a sufferer for several years and his resignation has been anticipated on that account.

## HARNESS By Mail

Our plan of selling custom-made, oak-tanned harness by mail, direct from the factory at wholesale prices, is a big saving to every farmer. All harness is guaranteed. If it's faulty in any way, return it and get your money back. Write for illustrated catalogue U and price list. THE KING HARNESS CO., 15 Lake St., Owego, Tioga Co., N. Y.

New way to smoke meat in a few hours with **KRAUSER'S LIQUID EXTRACT OF SMOKE**. Made from hickory wood. Delicious flavor. Cleaner, cheaper. No smokehouse needed. Send for circular v. E. KRAUSER & BRO., Milton, Pa.

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Largest Stock in the world Government Auction Goods  
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## "How to Grow Corn"

This is a valuable book from the pen of Prof. A. D. Shamel of the Illinois Experiment Station. It is profusely illustrated from photographs, and treats Scientifically the subjects of Selection, Modern Corn Breeding, and the most effective Cultural Methods under all conditions of soil. Any farmer can Double his Corn Crop without extra labor or increasing his acreage by utilizing Prof. Shamel's discoveries.

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While the supply lasts I will send a copy of this valuable book to any farmer who will send me the names and addresses of three or more men who are thinking of buying a riding plow this season. I will include with the book a description of the labor-saving EMERSON FOOT LIFT GANG PLOW and other modern implements, which make easy the cultural methods recommended by Prof. Shamel. Make sure of a copy by writing TODAY. Address me personally, K. E. EMERSON, care of EMERSON MANUFACTURING CO., ROCKFORD, ILL.

Prof. Holden demonstrating his Seed Testing Box. (Page 17 of the book.)