



ESTABLISHED, 1863.

TOPEKA, KANSAS, JANUARY 24, 1883.

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#### Missouri Valley Horticultural Association.

This association held its first monthly meeting at Kansas City last Saturday, the 20th inst. The membership is about 50, and the society is in fine working condition. The Secretary reports:

Financially we are well off. We have been very liberal in our premiums and have taken the usual number, \$108 at Bismarek, and \$90 at Kansas City.

We have paid for the year in premiums, \$56, ten members; for the meeting, \$30. Paid for making exhibits, \$90, at Kansas City and Bismarek.

We had in hand January 1, \$193.20; received this year, \$261.05; total, \$454.25. Paid out, \$230.25. Leaving a balance of \$224.00.

We have had good success on our fruit farms this year, good crops and good prices. Everything in the fruit line has paid remarkably well for the whole year.

We received as premiums \$107, and paid as expenses \$76.10, leaving \$30.90.

It was voted to furnish the proceedings to the KANSAS FARMER and Coleman's Rural World for publication.

The Chairman of the Committee on Orchards reported, among other things, "A more beautiful year for everything I have never witnessed in any country. With the exception of cherries, we have had a most magnificent crop of fruit, both in quantity and quality."

I think we can safely estimate the number of barrels of apples shipped by rail and hauled from Platte county, Missouri, at 100,000 barrels.

Committee on small fruits said: There was not enough berries produced to supply the local market, and shippers were compelled to pay enormous prices to fill orders from their customers.

Many of our best berries were sent to Denver, the shipper paying \$6 per case, and even higher figures for choice lots. Owing to the rapid means of transportation now afforded by our western railroads, strawberries can, if properly handled, be shipped to Denver in good condition, and always command good prices. A good many strawberries are now raised in Colorado, but as they do not ripen until about the close of the season here, they will never materially interfere with the shipping interests of this section.

As this was the first meeting of the year the proceedings were deemed of especial interest as they were designed to be a review of all the work done by the society during the year 1882. There were no exhibits of fruits, the meeting being to a large extent a business review.

The meeting adjourned to meet at the same place on the third Saturday in February.

#### Improve the Home.

Editor Kansas Farmer.

There is no place more worthy of improvement, nor where its efforts bring forth more remuneration. It should be the center around which the ideal of happiness, joy and prosperity should move. Every one there should have a common interest, also an individual tie of something endearing, something prized and suitable to care for.

The weary routine of hard work with no embellishment to please the eye or satisfy the heart, becomes wearisome, and begets a desire to better things, to leave for city attractions and thus rob the country of its best element of stirring farmers.

A good beginning may be by giving to each lad a piece of land to devote to his use its products, to advise with them how and what to plant, to harvest, to feed to his animal, and to dispose of

it and to invest the proceeds to the best advantage; it may be more pleasing to another to have the care of the garden for family or market use, or perhaps more inviting to start a fruit garden with trees and small fruits between them, and have its care, the work and management in either case shall be as the proprietor of the same, yet subject to advise and assistance if neglect is shown, or the yard and lawn adornment may be the pride of one or all combined. Even the girls are interested here and lend a helping hand, they can be interested in their tree or shrub to cultivate, trim and admire. Thus beautify the home, and encourage all in its care and improvement and it will be looked back to in after years, as my home, with pardonable pride and satisfaction, and do much to better the feelings and prosperity of rural life in Kansas.

A. H. G.

#### Grafting and Planting Trees.

Editor Kansas Farmer.

Apple root grafts can be bought of reliable nurserymen for, from \$3 to \$5 per 1000, 90 per cent of these with proper care in handling, will grow, and any one that will pursue the following plan, may, in two years from next spring, have 800 or 900 two-year-old trees (the best age for transplanting) that has not cost over \$6 besides the labor of setting grafts and cultivation. Buy the grafts

of the nearest reliable nurseryman; make out your order the same as if ordering the same number of trees; don't get too many kinds.

To illustrate: A gentleman and I were talking on the subject of tree planting. Said he—"I have just been out to Mr. S's nursery and bought 50 nice, two-year-old apple trees." "What varieties did you get?" I inquired. "Oh," said he, "I don't remember; there were twenty different kinds, a nice assortment you see." Well, I thought so too. Variety is said to be the spice of life; but this was a little too much for that number of trees. This mistake of getting too many kinds is of common occurrence. If I were making an order for 1000 grafts, it would be about this way: 300 Rawle's Janet; 200 Wine Sap; 200 Ben Davis; 100 Smith's Cider; 100 Red June; 50 Maiden Blush; 50 Early Harvest.

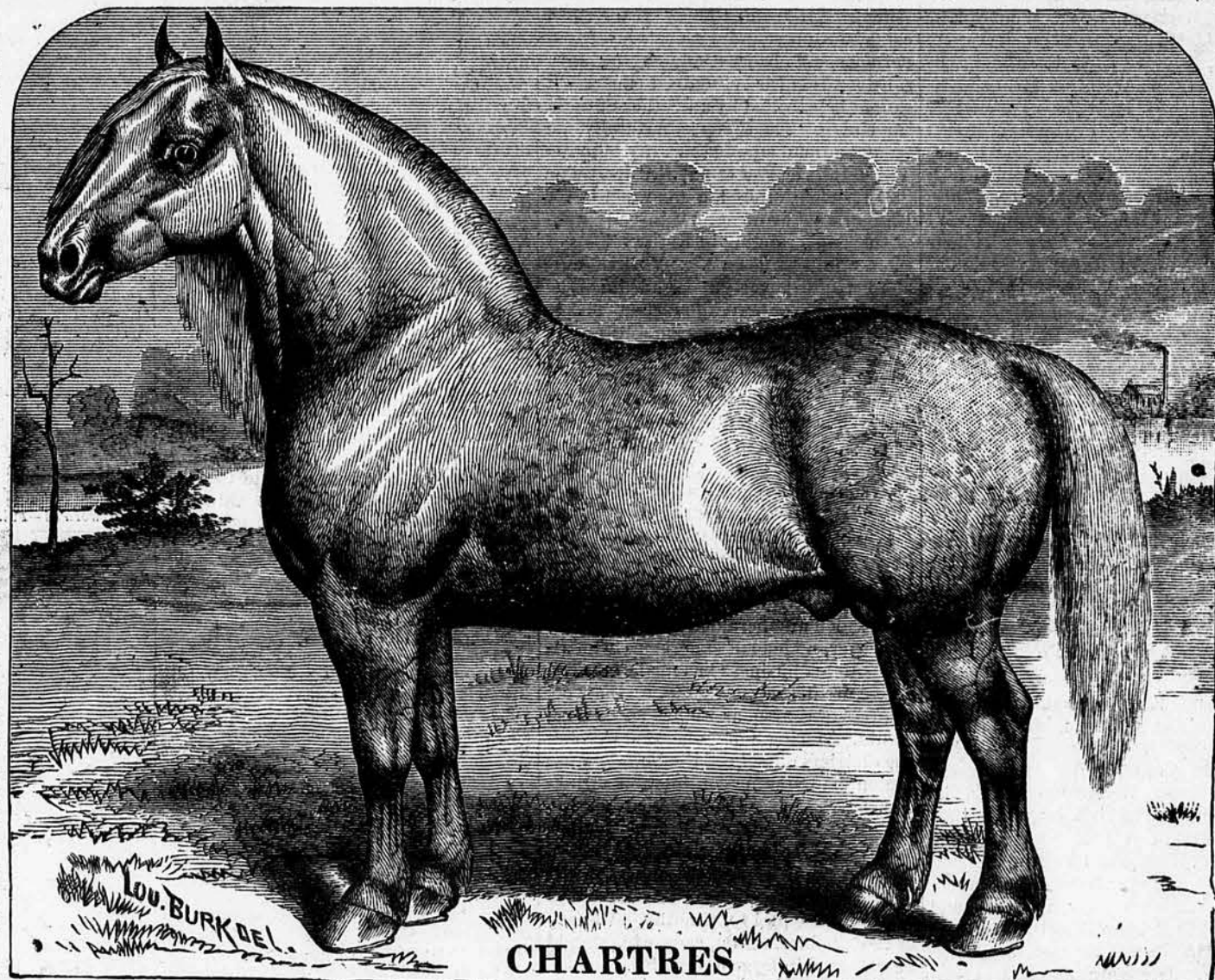
Now is the time to order grafts. Have them shipped as soon as danger of frost is over in the spring. Thorough preparation of the ground where the grafts are to be set is necessary. The grafts may be grown in rows four feet apart, 16 inches apart in the row; or if desirable the rows may be 24 to 30 feet, or whatever distance you may wish your trees to stand in the orchard; then, in transplanting leave trees every so far, for a permanent orchard.

For setting the grafts a short wooden dibble, four inches wide and 10 to 12

inches long, sharp at the point; with this make the holes, setting so that the second bud from off the graft will be at or near the surface of the ground. Boards labeled and driven in the ground between the varieties as fast as set. As each row is set tramp the soil firmly on each side of the row close to the graft; cultivate thoroughly; let no weeds grow near the young trees. When one year old, in the spring about the time the leaves begin to grow, cut the top off just as high from the ground as you wish the limbs to start. My experience is that low headed trees do the best, trunks about 12 to 18 inches long. Much depends on treatment of the tree in its growth of the second year. None of the outside limbs should be allowed to out-grow the center or leading branch. If any show such tendency, pinch the ends off. By attention at the proper time, by rubbing off such buds as are not wanted for limbs, and pinching off those that grow too fast your tree will be the shape desired.

G. W. BAILEY.  
Wellington, Kas., Jan. 4, 1883.

The owner of a farm of one acre in New York state reports that his cow gives him about 500 pounds of butter every year, but it is by good feeding and attention that she does so; and while he claims that the profit from her is large, he admits that his cow would be an expense if she were an inferior animal.



CHARTRES

Property of E. D. Hodgson, El Paso, Ill.



## The Stock Interest.

### Kansas Wool Growers.

Last Thursday the Kansas Wool Growers' Association met in Topeka. President Coddling and Secretary Ott, and the following named delegates were present:

#### LIST OF DELEGATES.

J. W. Arnold, Wamego; E. E. Austin, Defiance; Wm. Booth, Leavenworth; E. Brunson, Abilene; J. H. Bangs, Spearville; Levi Billings, Marion; J. S. Coddling, Louisville; W. J. Colvin, Larned; P. C. Cowling, Emporia; E. Copeland and H. Copeland, Douglas; V. B. Cozard, Marion; W. R. Doty, Halstead; J. C. Dewelle, Cedar Point; D. L. Snedeker, Hartford; J. C. Taylor, Douglas; C. E. Westbrook, Peabody; A. F. Wilmarth, Russell; O. Voightlander, Ellsworth; P. S. Smith, Wamego; G. H. Wadsworth, Larned; C. W. Edson, Silver Lake; A. S. Eaton, Russell; E. T. Frowe, Pavilion; David Fox, Wichita; H. O. Gifford, Russell; H. R. Hilton, Topeka; F. Holmes, Russell; C. F. Hardick, Louisville; M. P. Miller, Topeka; S. Matthews, Hutchinson; A. C. Norton, Beloit; W. B. Page, Russell; A. J. Uhl, Douglass; C. T. C. White, Eureka; C. W. Townsend, Emporia; S. Carter, Asherville; N. Barber, Larned; A. S. Eaton, Russell; H. B. Clark, Ellsworth.

In delivering the annual address, among other good things, the President said:

Another year has rolled around, with its successes and failures. A number have undertaken the business and made a failure. Others, with proper ideas of the business and with care, energy and judgment, have succeeded. Some who have acted niggardly have reaped the fruits of their folly. Oftentimes these were experiments. There is no luck in the business. There is not a single instance of failure where care and energy have been exercised. The success in the business is not due to circumstances, but to the individual.

The president stated that a number of wool growers at a distance would like to co-operate with this association, but found it impossible under the present circumstances. He recommended a visiting committee to visit, learn all they could and make a public report. The interests of Kansas and Texas were compared. Texas never failed to have a representation alive to their interests, and as a result they are getting ten sheep to our one. In Kansas the men are making money. There are about 500 members in the State. We lack nerve and enterprise. If it is the fault of the head of this association, remedy it.

The president paid a high tribute to the originator of the "Uhl Flock," but he differed with him in some respects. He depreciated the bickering spirit among the different breeders.

Wm. Booth, chairman of the committee on the revision of the constitution and bylaws reported. The report was unanimously accepted.

The committee on a Sheep Register for the State of Kansas, consisting of Messrs. Booth, Eaton and Brunson, reported.

A motion then prevailed that this report be laid on the table.

The secretary of the State Fair Association stated that the society wished to renew their proposition of last year.

The proposition last year was that this association might offer \$1,000 and \$150 for legitimate expenses. The association accepted the proposition. The \$150 covers all expenses so that the exhibit entails no expense on the association.

A resolution prevailed that the same classification for the exhibit, in connection with the State fair last year, be continued for the next exhibit.

A motion prevailed that the executive committee, in co-operation with the President, be empowered to prepare a premium list for the fair of the season of 1883.

The following officers were elected for the ensuing year:

President—J. S. Coddling, Louisville, Kan.; Vice-Presidents, E. Brunson, Abilene, Wm. Booth, Leavenworth, D. Fox, Wichita; Secretary and Treasurer, S. S. Ott, Topeka; Corresponding Secretary, H. R. Hilton, Topeka; Directors, Robert Loy, Greenwood county, G. H. Wadsworth, Larned, and H. O. Gifford, Russell.

An address on "The Possibilities of Kansas as a Wool Growing and a Breeding State" was given by E. Brunson, Abilene. He said: Three years ago I came to Kansas and with this brief experience and observation, taking into consideration the climate, I can say it cannot be excelled by any other State in the Union. The sheep is naturally an upland animal adapted to a dry climate. This is an encouraging feature. The State is well watered, a great factor for Kansas wool growing. Of three-fourths of the sheep ranging in Kansas 1,000 of them would reduce a New York or Vermont man to poverty and send him to the poor house, yet here, the farmer makes more money than in those states. He strongly denounces the idea of hanging on to Eastern associations and registers. One of the encouragements to the Kansas wool growers is the best climate, excepting no State in the United States. Our occasional blasts strengthen and give constitution. We should prepare ourselves and we can supply the South and West with rams. Cheap lands and cheap feed places us beyond competitors, unless we continue on, as many do, in the slipshod manner that causes failures which are heralded in the East. However, no man of experience who attends to his business has made failures. There are discouragements to the wool growers of course, as well as encouragements. During September and October the districts outside of the buffalo grass region, had to suffer considerable shrinkage. Rye was recommended as the crop that we would avail ourselves of. Prairie hay secured in July is worth twice as much as that made later. It should be sheltered, as in the East, and it would be equal to timothy. Variety of feed, fodder, straw, cane, etc., should be gathered in large quantities.

Our resources are great, and if we exercise the same caution and energy of eastern men, what possibilities might we not achieve? A failure of these items are some of the sources of many failures. Speaking in regard to eastern sheep, his experience proved, that with the same care and management, that they did fully as well here as there. The prospect for the future is auspicious, and ten years would make the average here equal to that of any other State. He deprecated the action of some of the Kansas breeders in reflecting upon thoroughbred breeders, and he proposed to answer and hurl back the charges to their author. The great success of the Uhl flock was owing to the good Merino blood infused; and what might not Mr. Uhl's flock have been had he bred thoroughbreds instead of grades? Pedigree and blood was earnestly advocated.

Ed. Copeland, Douglass, advocated feeding green corn to lambs after weaning.

The question of holding a public shearing seemed to be impractical and the idea was abandoned.

J. S. Coddling, Louisville, instead of following Mr. Copeland's suggestions,

fed new oats and no dry corn until winter.

The association decided that the fiscal year ended the first Monday before the third Tuesday in January of each year.

Mr. Page, of Russell, asked about feeding oil meal, and H. O. Gifford replied if not too expensive it was a first-class feed.

About forty members were added to the list, making 215 now enrolled. A collection was taken to defray expenses and \$22 secured.

Mr. Wadsworth said he had shipped 350,000 pounds of wool, and he thought the average would come much higher than the speaker gave.

H. R. Hilton said the assessor's returns gave about 1,200,000 sheep, consequently Mr. Brunson's estimate for the clip of 1882 was too small.

A motion prevailed that the secretary have printed five hundred copies of the constitution and by-laws, with a report of this meeting, and to assess members prorata for the same.

The following resolutions were passed:

**Resolved,** That we, the wool growers of Kansas respectfully request the Senators and Representatives in Congress to vote in favor of retaining the present duties on wool.

**Resolved,** Further that the President and Secretary forward copies of the above resolution to our Senators and Representatives at once.

A delegate inquired about tagging, and was recommended to tag only the manure lock, but the sweat locks belonged properly to the fleece. Tagging should be attended to prior to turning out to grass, if the flies and maggots would be avoided. This is generally practiced twice a year. In the Western and Central portions very little tagging is done, and it is rather a rare thing to be troubled with flies.

The association having completed its labors adjourned till June, the time of the semi-annual meeting.

"They who cry loudest are not always the most hurt." Kidney-Wort does its work like the Good Samaritan, quickly, unostentatiously, but with great thoroughness. A New Hampshire lady writes: "Mother has been afflicted for years with kidney diseases. Last Spring she was ill and had an alarming pain and numbness in one side. Kidney-Wort proved a great blessing and has completely cured her."

Perfect cleanliness in the stables will add greatly in the manufacture of good butter; in fact, it is impossible to make fine butter from filthy kept cows.

#### Consumption Cured.

An old physician, retired from practice, having had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure for Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints, after having tested its wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows. Actuated by this motive and a desire to relieve human suffering, I will send free of charge, to all who desire it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail by addressing with stamp naming this paper, W. A. NOYES, 149 Power's Block, Rochester, N. Y.

Farmers are Mechanics in many ways and need a Mechanical Journal. The Cincinnati Artisan is valuable, and the only 50-cent a year mechanical paper in the country. Send 10 cents for sample and club and premium rates. Address W. P. Thompson, Manager, Cincinnati.

## KIDNEY-WORT

**HAS BEEN PROVED**  
The SUREST CURE for  
**KIDNEY DISEASES.**

Does a lame back or disordered urine indicate that you are a victim of KIDNEY DO NOT HESITATE, use Kidney-Wort at once, (druggists recommend it) and it will speedily overcome the disease and restore healthy action.

**Ladies.** For complaints peculiar to your sex, such as pain and weaknesses, Kidney-Wort is unsurpassed, as it will act promptly and safely. Either Sex. Incontinence, retention of urine, brick dust or rosy deposits, and dull dragging pains, all speedily yield to its curative power.

43- SOLD BY ALL DRUGGISTS. Price 21.

**KIDNEY-WORT**

## Voluntary Tributes of Gratitude for Benefits Received.

DEAR SIR,—Please allow me the privilege of giving my testimony regarding the wonderful curative properties of your invaluable medicine, Hunt's Remedy. During the past six or seven years I have been a great sufferer from Kidney disease, and during a great part of the time my sufferings have been so intense as to be indescribable. Only those who have suffered by this dread disease know of the awful backache, and pains of all kinds, accompanied by great weakness and nervous prostration, loss of force and ambition which invariably attend it. I had all these troubles intensified, and was in such a bad condition that I could not get up out of my chair except by putting my hands on my knees, and almost rolling out before I could straighten up. I tried the best doctors, and many kinds of medicine, but all failed to help me, and I experimented so long endeavoring to get cured that last spring I was in very poor shape, and in seeking for relief my attention was directed by a friend to the remarkable cures of Kidney diseases, etc., which were being accomplished by Hunt's Remedy. I was induced to try it, and began to take it, and very soon "limbered up" as it were; my severe backache, and the intense pains I had suffered so long speedily disappeared, notwithstanding I had been bothered with this complaint so many years.

When I began to take Hunt's Remedy I was considerably run down in my general health, and suffered also from loss of appetite. Ever since I have been taking the Remedy, however, my improvement has been most marked; my former complaints, aches, pains, etc., have disappeared, and I now feel like my former self, hale, hearty, and sound in health. I shall always keep Hunt's Remedy with me, and would most earnestly recommend all those who are sufferers from Kidney or Liver diseases, or diseases of the Bladder or Urinary Organs to use Hunt's Remedy, and take no other.

Yours very truly,

HENRY H. SHELDON.

No. 280 Westminster St., Providence, R. I.

"In the lexicon of youth, etc., there is no such word as Fail." That "lexicon" is now found in the laboratory of Hunt's Remedy. It knows no such word as—Fail.



*Yours for Health*  
*Lydia E. Pinkham*

## LYDIA E. PINKHAM'S VEGETABLE COMPOUND.

Is a Positive Cure

For all those Painful Complaints and Weaknesses so common to our best female population.

A Medicine for Women. Invented by a Woman. Prepared by a Woman.

The Greatest Medical Discovery Since the Dawn of History.

It revives the drooping spirits, invigorates and harmonizes the organic functions, gives elasticity and firmness to the step, restores the natural lustre to the eye, and plants on the pale cheek of woman the fresh roses of life's spring and early summer time.

Physicians Use It and Prescribe It Freely.

It removes faintness, flatulency, destroys all craving for stimulant, and relieves weakness of the stomach.

That feeling of bearing down, causing pain, weight and backache, is always permanently cured by its use.

For the cure of Kidney Complaints of either sex this Compound is unsurpassed.

LYDIA E. PINKHAM'S BLOOD PURIFIER will eradicate every vestige of Humors from the Blood, and give tone and strength to the system, of man woman or child. Insist on having it.

Both the Compound and Blood Purifier are prepared at 233 and 235 Western Avenue, Lynn, Mass. Price of either, \$1. Six bottles for \$5. Sent by mail in the form of pills, or of lozenges, on receipt of price, \$1 per box for either. Mrs. Pinkham freely answers all letters of inquiry. Enclose 3ct. stamp. Send for pamphlet.

No family should be without LYDIA E. PINKHAM'S LIVER PILLS. They cure constipation, biliousness, and torpidity of the liver. 25 cents per box.

Sold by all Druggists.



## Out of Debt: Happy Homes

Jefferson county, Kansas, don't owe a dollar. Map, statistics, price of land, etc., free. Address Metzger & Insley, Oskaloosa, Kas.



## The Poultry Yard.

Poultry—5th Annual Report.  
Editor Kansas Farmer.

By the heading it will be seen that I have been giving to the public a regular report for the past five years. I have written at length, at different times on the subject of poultry, giving what information I could for the encouragement of others, speaking of the neglect which this part of the farm stock often receive, not so much from any intention to slight them, but from the fact that too many of our farmers have fallen into the habit of thinking the chickens can and will take care of themselves. Besides, they are often heard to say, "Well, well, they don't pay anyway and where is the use in trying to bother with them?" Now, let us see about the pay. It has been for this reason that I have given my report regularly for so long to see if I could not awaken in the farmers' of our own State at least, a desire to improve and care for the poultry as he does for his hogs, horses, and cattle. Once let the farmers look upon poultry as something that will give a handsome return for the money invested, and we have at least made one step in the right direction. I believe there is no one kind of stock that will give as large a return for the money invested as the poultry would foot up at the end of the year if a strict account were kept of them the same as kept with other stock.

Below I give my report for the past year, 1882:

Jan. 1.	To 6 doz. hens @ \$3.00,	\$ 18.00	
Jan. 21	To 2 cockerels @ \$1.00	2.00	
Jan. 10	By 2 doz. hens @ \$3.00		\$ 6.00
Feb. 4	By 1 " "		3.60
Jun. 24	By 1 1/2 " dressed hens		7.40
Jun. 24	By 1 rooster		.60
Nov. 15	By 3/4 doz. hens @ .25		2.25
Nov. 15	By 1 rooster		.50
Dec. 31	By 30 doz. young chickens sold during season		90.00
Dec. 31	By eggs sold		14.65
Dec. 31	To balance for profit	105.00	
		\$125.00	\$125.00

Now, in all my reports be it understood I have only been dealing in common or grade stock, as this nor any other report does not include my pure Plymouth Rocks of which I now have some five dozen of the best strains. Please see my advertisement.

Below I give a summary for the past five years, which closes my report for the present:

March 1, 1878, to Jan. 1, 1879, sold to profit	\$ 29.92
From '79 to '80, sold to profit	95.67
" '80 to '81 " " "	78.39
" '81 to '82 " " "	130.60
" '82 to '83 " " "	105.00

Five years, total profits \$439.78

Here are the figures and if at any other time any of the ladies desire, I will tell them how I managed to do as I have done, giving my small beginning from the first, and in the meantime I shall hope to hear from others. Good wishes for all who read the FARMER.

Mrs. J. P. WALTERS.  
Emporia, Kas., Jan. 17, 1883.

## In the Dairy.

### Creameries.

If any reader has access to the reports of the dairy product markets of Boston he may notice that Western creamery butter—the butter from the creameries in Wisconsin, Iowa and Northern Illinois—is all the time better, by several cents a pound, than the very best dairy butter of the East, even the great dairy regions of Vermont or Orange county, N. Y. How this matter of Western butter has changed within the past twenty years—yes, the last ten years! The great reason for this is that the creameries are enabled to give a uniform quality of product, while that of the private dairy is seldom uniform for many weeks, or even days, together. A few private dairies, to be sure, both East and West, in the vicinity of large towns and cities, which have their regular customers among private families, command as high, yes, even higher prices than any creamery can command; but this cannot, from the nature of the case, be true of a large district where individual dairymen

make up their cream and ship it haphazard to the general market. It is to the creamery system that the West owes its prominence, and it will hold this prominence so long as Eastern dairymen do not unite their milk product at the factory, and they of staid New England are slow to adopt Western methods of any kind of farming. So we can only look for a very gradual change to the new order of dairying, and hence the West will for years maintain its present advantageous position.—*Prairie Farmer.*

The returns of dairy manufacturers as shown by the census, (now in press), show an immense growth in that industry. The capital invested amounts to \$10,000,000. They consume materials valued at \$18,000,000 and their total products are \$26,000,000. The value of material used in condensed milk manufacturing amounts to \$1,000,000. Statistics were taken from the cheese factories, butter factories, combined butter and skim milk factories and condensed milk factories. The total number of these establishments reaches 4,000. The state of New York leads any other in the number of factories, and the amount of capital invested in this industry.

The first butter and cheese factory in the United States was established in Oneida county, New York, in 1850. Ten years later there were but forty factories in the entire country. At the present time, there are over 6,000 in the United States and the Dominion of Canada.

## DIAMOND DYES.

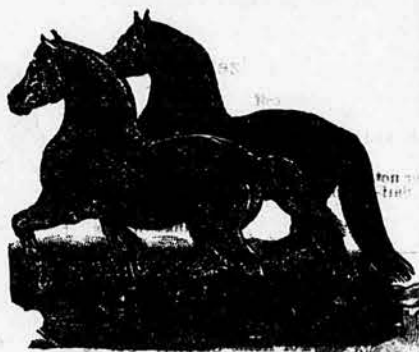
Best Dyes Ever Made.  
FOR SILK, WOOL, OR COTTON. DRESSES, COATS, SCARFS, HOODS, YARN, STOCKINGS, CARPET RAGS, RIBBONS, FEATHERS, or any fabric or fancy article easily and perfectly colored to any shade. Black, Brown, Green, Blue, Scarlet, Cardinal Red, Navy Blue, Seal Brown, Olive Green, Terra Cotta and 30 other best colors. Warranted Fast and Durable. Each package will color one to four lbs. of goods. If you have never used Dyes try these once. You will be delighted. Sold by druggists, or send us 10 cents and any color wanted sent post-paid. 24 colored samples and a set of fancy cards sent for a 3c. stamp. WELLS, RICHARDSON & CO., Burlington, Vt.

**GOLD and SILVER PAINT.**  
Bronze Paint. Artists' Black.  
For gilding Fancy Baskets, Frames, Lamps, Chandeliers, and for all kinds of ornamental work. Equal to any of the high priced kinds and only 10c. a package, at the druggists, or post-paid from WELLS, RICHARDSON & CO., Burlington, Vt.

## Short-horn Bull Calves

FOR SALE.

Thirty extra fine red thoroughbred Short-horn Bull Calves for sale. Will sell on time to farmers, or close out in one lot to ranchmen at a bargain. Address: G. W. GLICK, Atchison, Kas.



## FRENCH AND ENGLISH DRAFT HORSES.

Imported and Graded Stock of all ages. Call and see stock and get prices.  
We have first class stock at moderate prices. Come and see and judge for yourself. Catalogue sent. GEO. W. STUBBLEFIELD & CO.  
104 South Madison St.  
Bloomington, Ills.

### Common Sense

Applied to numbers, or the Word Method of Addition. This is a simple classification of the nine digits into arithmetical letters, syllables and words, which, when learned, enables a person to find the sum of a column of figures as easily as he can read an English sentence of the same length. The system is not more difficult to learn than the multiplication table. The system is endorsed by the leading mathematicians in the United States and is in use in the Department at Washington and in many business colleges and counting rooms. Also short methods in other arithmetical computations. Edited by R. B. Welch, A. M., late President of the State Normal School at Emporia. Price 50 cents, with a 2-cent stamp for postage. The money must accompany the order. Address: KANSAS FARMER CO., Topeka, Kansas.



## DIPHTHERIA

**CROUP, ASTHMA, BRONCHITIS.**  
JOHNSON'S ANODYNE LINIMENT will positively prevent these terrible diseases, and will cure nine cases out of ten. Information that will save many lives, sent free by mail. Don't delay a moment. Prevention is better than cure. I. S. JOHNSON & CO., BOSTON, MASS.

## GRAPE VINES, CATTARH.

Low Prices. Mailing a Specialty. WATER FOWLS. Free Catalogues. GEO. S. JOSSELYN, Fredonia, New York.

Sufferers cured permanently by the only rational method of treating Catarrh, Asthma, Bronchitis, Consumption, and all throat affections. New remedies, new methods of application; failure impossible if directions are followed. Also, special attention to Nervous Debility, Epilepsy or Fits, and the removal of Tape Worm. Send stamp for treatise, particulars and testimonials to J. W. BATE, M. D., 50 N. Clark St., Chicago, Ill., or P. O. Box 242.

Dr J F Cook, formerly Professor of Materia Medica in "Bennett Medical College," Chicago, Ill., writes as follows:  
DR J W BATE, CHICAGO, ILL., Oct 26th, 1881.  
Dear Sir:—I have tested your Catarrh treatment for many of my patients, with success. I therefore cheerfully recommend it, believing all you claim for it in Catarrhal and Pulmonary diseases. J F COOK, M. D.  
Mr C F Fairbanks, editor and proprietor of the Farm, Field and Fireside, says:  
DR J W BATE, BLUE ISLAND, ILL., Oct 25th, 1881.  
Dear Sir:—It affords me great pleasure to publicly testify to the efficacy of your Inhalation Remedy for Catarrh. In my own case it has effected a cure in a marvelously short time, and I give this tribute to its good qualities the more readily, since I had tried several 'specific' and 'remedies' procured of druggists, previous to testing yours, all of which were worse than useless. Hoping that your efforts may meet the success they deserve. I am your obedient servant, C F FAIRBANKS.

From the Christian Statesman, Milwaukee, Wis., Dec 16th, 1881.  
Dr J W Bate, of 59 North Clark street, Chicago, has invented a very simple but effective inhaler for the cure of catarrh and bronchial diseases. By this instrument the vapor made from oils, balsams and cordials is taken to the throat, lungs and nasal passages. The aroma from this vapor is very pleasant and agreeable, and is very beneficial in its effects on the mucous membrane of the various passages. Any one can use the inhaler, and every one can at once see the philosophy of it, and why its use should be beneficial. The inhaler is also very useful in cases of colds or for pains in the head, and most people comparatively well would be benefited by its use. We advise all who are affected with asthma, catarrh or any bronchial disease to write to the Doctor for his Inhaler and medicines.

DR J W BATE, MANITOWOC, WIS., Dec 20th, 1881.  
Dear Sir:—The medicine you sent me for Tape Worm was received and given as you directed, and I am pleased to say that in four hours after a Tape Worm was passed with the head; it measured 56 feet. Thanks to your medicine. JACOB TESLOF.

When writing name this paper.

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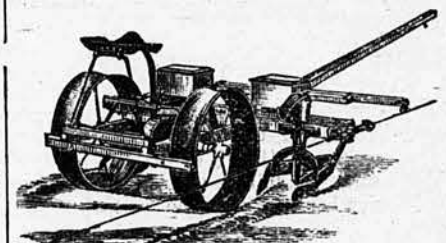


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Will drill 1 grain at a time 12, 16 or 20 inches apart. Will plant 2, 3 or 4 grains in a hill. Send for Circular.

**FARMER & DEUSCHER,**  
Hamilton, Ohio.



## Correspondence.

J. W. Chappel, Great Bend, sends a description of Johnson grass, and asks that it be published in the FARMER "to call out the experience of those who have tested it." Col. Killebrew, in his valuable work on Grasses of Tennessee, thus describes it: "It rises with a stem from four to twelve feet high, according to the soil on which it grows; erect, smooth, leaves linear, flexuous, graceful, curling down at the ends like corn; flowers in a panicle at the top, at first green, changing gradually to brown. It not only thrives well on bottoms, but it will grow just as well on upland, and, though on poor upland it will make but little hay, it makes fine pasture. It likes dry, hot weather, and while all other grasses seem to feel the effects of the hot sun, this retains its deep, rich green color, being but little affected by the drouth. This is because of its long roots, which, like clover, run deep for moisture, often reaching two or three feet below the surface. Breaking up the land every few years gives it all the culture needed, while a liberal top dressing of stable manure, or some good fertilizer, rewards the grower abundantly."

The same writer wants to know if Bermuda grass has been tested by Kansas farmers and with what result.

Adviser says: If the present legislature shall fail to deal effectually with this transportation problem, it will be because of lack of intelligent conception of the evils to be remedied, and knowledge of the success attained under various methods in other States.

As I view it, the great evil is, the disposition of the railroad men to insist on a lion's share of the profit arising from every transaction in which their services are required. This was unquestionably determined in the course of the investigation prosecuted by the Hepburn committee in New York some years ago. The employees of transportation lines were, by persistent cross-examination driven into an admission that rates were based, not on what the roads could profitably carry for, but on "what the traffic would bear." This policy was brazenly manifest in the increase of rates on wheat about the opening of the last harvest season.

Whatever else is done this winter, I trust the law which shall be agreed upon will compel the railroad companies to furnish the necessary data for calculating the real value of their services based on the actual cost. They have no right to exact anything more.

Mr. Ramsey, Solomon City, says: In the columns of the FARMER we all meet on one common level. Here we tell our joys, our sorrows, our griefs, our failures and our success, give advice and receive advice—a sort of high school for farmers. This is what we need; the day of plodding and haphazard farming is passed. As a nation we are traveling with the speed of a cyclone. Forty years ago we got word from England in two weeks; now we receive yesterday's Liverpool market report this morning before breakfast. Thirty years ago fat cattle in Iowa were driven on foot to Philadelphia or Buffalo; now, behold the change! So in everything else pertaining to farming. Thirty years ago those who fed cattle bought steers from four to ten years old; now we produce as large steers at two past, and they feed out just as well as older ones. What is true in regard to cattle is equally true of sheep and hogs.

The success of the farmer of to-day depends largely on his success as a breeder, and to be successful as a breeder of any kind of stock we must pay close attention to the laws of reproduction, reserving only the best, keeping constantly in view his ideal of perfection.

The wolves have destroyed more or less lambs for me every year, this year to the amount of about \$100. If any of the readers of the FARMER can tell me where I can get a pair of blood hounds I will be under obligations.

I would like to get about 1000 cuttings of the Russian mulberry to plant for timber as well as fruit.

The mulberry tree is not hardy enough for northern latitudes, hence the silk industry must mainly be confined to mild climates.

A Young Farmer, Glen Grouse, Cowley county, says: I want to know more about listing corn. Would like to know how it is done and how to "prepare the ground. I never saw or heard of listing until I saw something about it in the FARMER.

I would like to know where I can get sorghum seed, and what variety is best for seed. Have seen it recommended in the FARMER. I am feeding about 2,000 sheep this winter on prairie hay and corn and find it rather expensive feed but the sheep are doing well on it.

[Any prominent implement dealer can give information about the Lister. On seeing it any good farmer will understand its method of operating. Amber cane seed is most popular in Kansas. It is planted and cultivated like corn. If you want cane for sugar or syrup, plant about as thick as you do corn; if you want feed only, then plant thicker. Exercise judgment and keep the cane ground clean.—Editor FARMER.]

G. C. Weible, Whiting, Jackson county, after referring to "force of habit" in this paper says: I have been here since the spring of '69, and have learned from experience, that grass seed, to do well when sown, must be covered. As soon as the clover is sown it should be harrowed. If sown on winter wheat, all right, harrow it well; it will improve the wheat, and a good "catch" of clover is assured, if the season is favorable. If any farmer is not ready to risk the harrowing on wheat, let the land be rolled, after the clover has been sown. It is folly to sow grass seed until the spring rains have well set in. If that occurs in March, sow; but if one of those dry and windy springs that we occasionally have, is upon you, keep the clover seed in the sack till next year. But be sure and sow clover; it is nourishing food at both ends.

### Small Fruits.

It has taken a good many years, and a good deal of trial and experiment, to demonstrate that the smaller fruits can be successfully grown in Kansas. There are thousands of farmers who have not tried; there are many others who believe they have tried, though unsuccessfully; and, together, these two classes have unwisely influenced many against the planting of small fruits. But the successes of men in different portions of the state in the past five years leave no doubt in the minds of the masses that the smaller fruits may be as abundant as apples.

We have varieties tested and unfailing, and if anything lacks (as it surely does) it is because men do not sufficiently apply themselves to small fruit culture. When this is done, as it surely will be in the near future, multiplied homes will delight in new-found luxuries.

In selecting varieties, unless one is an amateur, the fewer the better. Of strawberries, plant Charles Downing first. It has more to commend it than any other berry. Downer's Prolific, Crescent Seedling, Cumberland Triumph and Captain Jack are tested and will give satisfaction. Strawberries, as a rule, should be planted in early spring. Summer and fall planting is all a delusion and a snare unless the plants are pot grown. Plow the ground deep; you cannot plow too deep; make surface smooth with harrow; open furrows with a one horse plow five inches deep and four feet apart. In planting spread the roots fan shaped, draw the soil over the roots and press the dirt firm against the plant. Clean and constant culture should follow throughout the season with cultivator and hoe. When the ground first freezes, cover with prairie hay or straw, loosely, one or two inches deep. Be patient; do not move until the coming May, when you can gladly gather your generous reward. To insure annual success, annual plantings should be made.

Of black-cap raspberries, choose Doolittle, McCormick and Gregg, red raspberries, Turner and Brandywine. Plant early in the fall or early in the spring; prepare the soil as directed for straw berries. Set the plants in rows six feet apart and three feet in the row; open the furrow with the hoe and press firm with the foot. Keep clean with the cultivator and mulch the second year.

The best blackberries to plant are the Kittatany and Snyder, plant the same as raspberries only lay off the rows ten feet apart. Every farmer in this country can have an abundance of these luscious fruits if they only will.

The above is a synopsis of the able report read before the State Horticultural Society

J. W. ROBSON.

### Table Poultry.

The chicken question, says the Home and Farm, presents an anomalous condition in this country. Wherever we go, north, south or anywhere, we find farmers, merchants, mechanics, and sometimes even sailors, breeding poultry, contending at fairs, advertising through the papers, and raising a general hue and cry in behalf of their pets,

and all on account of nothing on earth but the feathers. One would think from all the fuss that those people were breeding ostriches instead of chickens; that feathers were of more value in the market than flesh; that the American people preferred to wear feathers on their bodies rather than put flesh in their stomach. Nothing finds favor with these chicken fanciers, except the so called blooded or thoroughbred fowls that are simply bred to the feather. The size of the Brahma is sacrificed to the correctness of the tail and hackle markings. The Dorking has lost his breast in the struggle to preserve the flesh color of the legs and the uniformity of the feather markings. How far this craze has gone in England, we are not informed, but we know that some of the best table fowls known to the trade were originated there.

In France not only are fine breeds of table fowls originated, but according to all reports, they are still bred with an eye singly to table qualities; and not only this, but methods of feeding to the end of quick maturity, economy of flesh production and perfection of flesh quality are chiefly practiced and experimented with. The French seem to understand this question as a practical one, and go at it in a way to make fowls not only a pleasure to breed, but a profit to handle. Chick food that is wasted by the ton in this country, as dead horses, stale bread, etc., is carefully husbanded and turned to the finest kind of chicken food in France. Our people are fearfully squeamish about such things, that, while they can stand and see the hen eat worms and carrion at her own sweet will, and chop her head off the next hour to put her in the pot, they will not hear of such a thing as feeding her carrion as a business. The lady who eats the oyster from the shell is horrified at the Italian who does the same with the snail.

It is a wonder to many people how Americans can succeed so well with fancy fowls, and yet meet with repeated and unvarying failure when they attempt to raise fowls for the market. In one they succeed, with the other there seems to be no profit. It looks as though the American character was built upon too large a scale to make a profit with fowls unless he can get from three to ten dollars apiece for his cocks and hens. No one seems able to reduce this thing to a purely business basis. It has been our pleasure to examine the equipments of many farms where it was intended to raise poultry on a grand scale, and generally, from the elaborate and costly fixture, one would think the purpose was to raise children rather than chickens. It is very much to be doubted if a large establishment can ever be made a success from the start. Just as large oaks from little acorns grow, a large establishment must grow out of a small beginning that has developed a capacity in the owner for conducting a large business. We hope some day to see this, but not until the craze about color markings has somewhat subsided.—Exchange.

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I will say that as the last and only way of informing those who wish to learn what I have, that if they will send me their address on a postal, assuring me that they will take a copy of the work as soon as published, that as soon as four hundred names are received I will get one thousand copies printed to start with.  
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Or CHILLS and FEVER.

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The genuine SMITH'S TONIC SYRUP must have DR. JOHN BULL'S private stamp on each bottle. DR. JOHN BULL only has the right to manufacture and sell the original JOHN J. SMITH'S TONIC SYRUP, of Louisville, Ky. Examine well the label on each bottle. If my private stamp is not on each bottle do not purchase, or you will be deceived.

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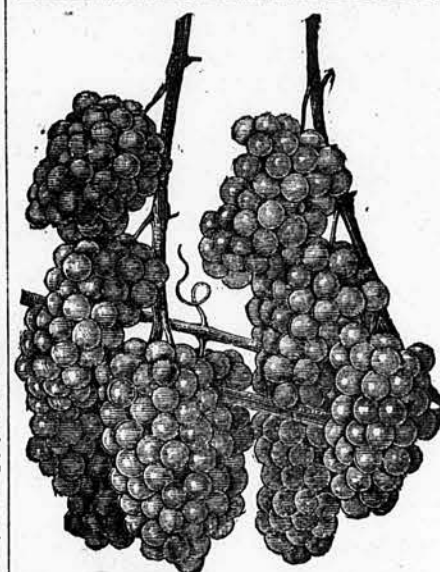
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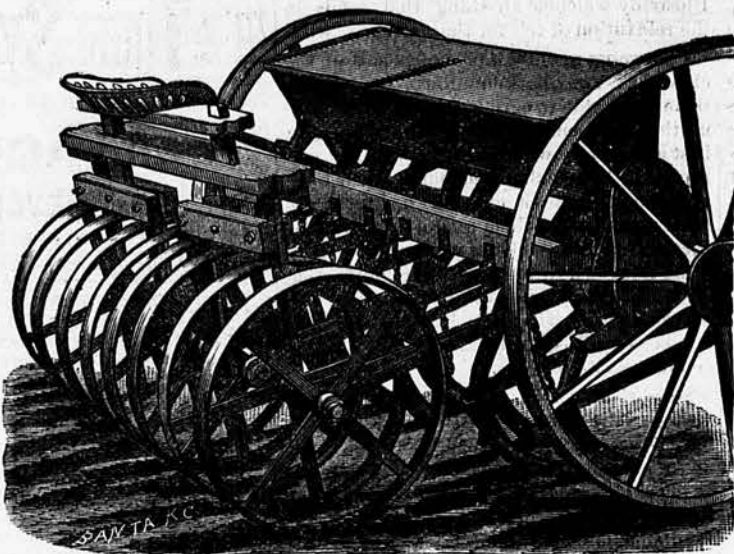
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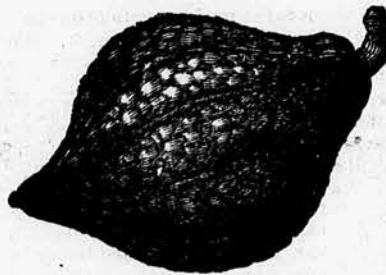
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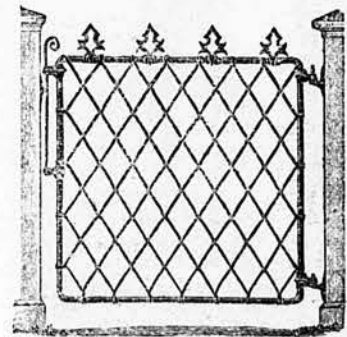
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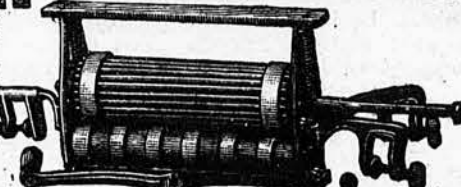
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## New Importation of 100 NORMANS

Arrived July 29, 1882.

Have now on hand over 300 head; as fine a show as can be found in the world. All imported animals selected by members of our firm in person. Illustrated catalogue of stock sent free on application. All imported and native full-bloods entered for registry in the National Register of Norman Horses. Come and see us. We can interest any lover of a good horse.

## CONSUMPTION.

I have a positive remedy for the above disease; by its use thousands of cases of the worst kind and of long standing have been cured. Indeed, so strong is my faith in its efficacy, that I will send TWO BOTTLES FREE, together with a VALUABLE TREATISE on this disease, to any sufferer. Give Express & P. O. address. DR. T. A. SLOOUM, 181 Pearl St., N. Y.



## Ladies' Department.

### Fiction Continued.

Some of the correspondents of this department pitch into me as though I was guilty of some misdemeanor, twit me of being a person of very contracted views, and one has even gone so far as to give as her opinion that I am very hard hearted, etc. and why? Because I have accepted the kind invitation of the editor to express my views in print through the columns of the KANSAS FARMER. I don't ask any one to take them for any more than they are worth. I don't expect that my opinions will be worth any more to others than their opinions are to me. I read other people's writings the same as I work over old rags for carpet—utilize such as I can and throw the balance in the waste. If others will do the same it will save them the trouble of abusing strangers in print. I haven't the least desire in the world of compelling any one to avoid fictitious reading. Each person is his or her own free agent. Because I say any one is foolish to allow themselves to become slaves to any vacuous habit, it doesn't necessarily follow that I am going to compel all or even one to stop such habit.

And when I say there is more instruction to be gained from good, substantial reading than from fiction, I don't want the ladies to get frightened and think that I am going to deprive them of their novels. No, no, my dears; go on reading your love stories; but I do wish if any of you at any time chance to come across the natural history of the common house fly in any of those works of valuable instruction you would just give me the name of the work, for I have been hunting for said history for several years and have never yet seen one.

One lady wants a change of diet, literary as well as physical. With all my heart that is just what I want. Let us have some bread and butter; we have had pie and cake and sweet meats until we are a nation of mental as well as physical dyspeptics. Even our little ones that are just beginning to talk are treated to stories of Old Bluebeard, Jack and the Bean Stalk, Aladdin and the Wonderful Lamp, etc., etc., and when brave little Benny wants to plant a bean so that he can climb up to the old giant palace and kill him like Jack, the Giant killer, you must tell him "oh, that is all a story; that never happened," and then to convince him that to kill is wicked. He very naturally thinks it strange that you would give him a book that is all a lie. So, make the best of it, you have sowed bad seed in that little boy's heart. Now, I know this by experience. When my two oldest boys were six and four, I got one a picture book for Christmas, containing the story of Red Riding Hood, Puss in Boots, and Old Mother Hubbard, and the other a book similarly bound telling of the Wedding and Death of Cock Robin and the story of Three Little Pigs. Of course they were delighted. The books were bound in blue and gold, and had twenty-four colored plates, and I read them for the children; but when they commenced questioning me and telling what they were going to do, I found those books were apples of Sodom. I'll never again buy books of that kind for children.

The next books I bought for my boys were illustrated books of birds and animals, and they have never caused me any trouble, although the children have always liked them far better than the others, and because they can believe them. And now, if I say anything to my oldest boy about reading any certain article the first thing I hear is, "Is it true?" I sometimes ask them what difference it makes. The answer is, "If it ain't true I don't want to read it." Children as a general rule don't want to read lies, and if they were furnished scraps of natural history and sketches from the sciences they would relish it better, and we would be molding their young minds in the way of truth rather than deception and fraud.

I have read novels ever since I was a child, and I have yet to read the first novel without a black side. A bad character is just as essential in a novel as a good one. I have often heard the remark that it was hard to get a child to take up with anything good but that they naturally took to evil. But I think there is more evil than good presented to them, and even if they are so prone to

evil there is all the more reason to be careful of the literature we give them.

There have been several flings at me in regard to GERALDINE. If you, Mr. Editor, will allow me, I will now make a few criticisms on that story. I will be as concise as possible and begin with GERALDINE. There we have a portrayal of a noble woman, and commencing with her childhood she is represented as a sweet, shy maiden of ten; highly endowed with womanly affection, as shown in her attempt to caress Joe's horse at the toll-gate. The writer then follows her onward to the full development of her powers when she displays great strength of character and force of will, but her affections have grown with her growth and strengthened with her strength until she can saddle a horse and mount him and away as on the wings of the wind, pistol in hand, for the rescue of her husband. Surely that woman's name wasn't Frailty. Then, when the man who pledged himself to provide for and comfort her has fallen; when all his manly qualifications lie in the ashes and ruin of dishonor, she is still there to comfort and succor him who should have been her support. Here is a picture for the contemplation of those anti-female-suffragists who claim man is the natural protector of woman. That speech of GERALDINE before the jury when her husband was on trial for his life never came from the lips of a clinging defenceless female, not one of those women who have to do just as "my man" says. There is the independent ring of free thought in that. Then again, the story makes a splendid hit in regard to educating children; shows up the evils of drinking and its attending vices; gives all of those who have the power of voting some good hints; and in short, is a very good social, moral and political story, and if written from the heart shows the author to be a temperate and moral man, opposed to monopolies, in favor of woman suffrage and addicted to the use of tobacco. Showing some egotism in the author by making himself the hero of his story, for which reason I can't form a correct opinion of said hero.

### PRACTICAL.

As you ladies have been discussing the woman suffrage question so much I want to have my little say about it, which is not very much. I do not want the law to allow the women to vote; for I think if women are bad they certainly will not do any good at the polls; and if a woman is true to herself she can mold the world at her own fire-side without making herself so public. But I am so disappointed that the women are not going to live up to so good a law as the prohibition law after it has gone as far as it has. Are the good men of Kansas going to sit down, fold up their arms and let the whisky men run things and set the law at defiance? Must we fathers and mothers bring up our sons to meet a saloon at every corner and our daughters for drunkards wives? I hope and pray not. Saturday my husband went to Chanute and he was told (yes, I say told, for he never goes into a saloon) that there were three saloons opened up, and he saw one man that was knee-sprung and two others that acted as though the sidewalk was on a raise or the buildings were going to fall over.

Practical, I think you are a little too strong against Fiction. I want you to please do me a favor, that is read these books: Bunyan's Pilgrims Progress, Milton's Paradise Lost, also Pollock's Course of Time, and when you have read them give your opinion in the FARMER. Mrs. Brown, I dress my baby as you do yours, even to the safety pins in the stockings, except the leggings.

### GYPSIE.

### Encouraging the Little People.

For two mortal weeks no KANSAS FARMER has entered our home. Do you wonder that I feel almost like an inhabitant of a hermitage, and this sense of isolation prompts my dilatory spirit to action. We always manage if possible, to have the paper act an important part as entertaining guests on Friday evening, even if we are compelled to saddle the old gray mule and send our little girl after it.

Our friendly postmaster at Putnam is keeping closed doors just now; even the mails are not disposed to intrude; the reason he is contending with the small pox. And our neighbors at Great Bend have been hav-

ing serious trouble with the same dread disease.

One of our enterprising Grangers, J. A. Purviance, is making preparations to start a creamery soon, thus you see, the spirit of progression is still advancing westward, and I heartily welcome anything that tends to the relaxation of toil for the farmer's wife.

I am going to enter a plea on behalf of the children. You all know how it delights them to be able to earn a few dollars. Admitting that poultry raising is one of the best avenues by which a farmer's wife can replenish her exhausted purse, then I say give the little ones a chance; fix them up some nests and let them raise a few birds for themselves. By so doing we can teach them some things; how to raise their birds successfully, also habits of industry and how to use judiciously what they have earned. My chickens realized me for the month of December, \$53.75 for eggs.

Some sister wants an expression of our views on the suffrage question; but really I dare not give mine this time for fear of that awful chasm—the waste basket; and another reason, every time I raise my eyes, I am reminded that my breakfast dishes demand my immediate attention. So I will close, hoping soon to welcome the FARMER in its new attire.

### Don't Want to Vote.

Why women should want to vote has always been a mystery to me. I cannot see what benefit it would be to them or to society. There would be the same political parties and the votes divided as now, some voting for one party and some for the other, and I fail to see any good accomplished. I think if we attend faithfully to the duties God has given us, we will find plenty for hands and hearts to do. Political life isn't all pleasure as you would all know if you had seen as much of it as I have. I do not know of a woman that would vote if she had the right. And I don't think one woman in a thousand would ever think of voting unless she reads an article on the subject, and then only while reading it. Woman has it in her power to improve men's morals in an easier and surer way than by voting. If we would treat drunkenness and immorality in a man as we do in one of our own sex, we would soon see a difference in society. I hope that the right to vote will never be given to woman; and I think we could find something more interesting to discuss. We are all more interested in our homes than in outside affairs.

Since writing this I have read "Homespun's" article. I am glad that some of the sisters think as I do. I am pleased with the FARMER in its new dress. It is so easily read, the type being so plain and clear. I hope the young folks will take an interest in their department. I know the editor will do his part to make it interesting for them.

WYBEL.

### Florian is Here.

I have long thought I would like to write something for your excellent paper, and so become acquainted with the kind ladies who contribute so many suggestions for our benefit; but conscious demerit has kept me silent. The FARMER has been a weekly visitor in our home for several years, and I want to congratulate you on your new dress. You have changed your form but have not altered your value. Of course I always read the Ladies' Department the first thing, but I read the whole paper, and I can tell "how to raise calves, and about ensilage, and the profit of feeding chopped feed, and how to feed chickens, &c.," most of which I have learned from your valuable paper.

Ladies, may I join your literary society? I am only a farmer's girl, and I told a neighbor the other day how to cure hog cholera, and gave him a copy of the KANSAS FARMER; but I never use slang, and I desire to learn something every day.

I quite endorse what one writer says about pies and doughnuts. Yes, dear mother, please do not feed those precious children clammy pies and fatty doughnuts, but give instead good sweet bread and butter and milk, with all the fruit you can afford, and vegetables in abundance.

One lady asks why her spiced fruit does not keep good? I think it is because the vinegar is not good; if you had pure cider vinegar I think you would have no difficulty.

FLORIAN.

Meriden, Kas., Jan. 15, 1883.

Straw fed to sheep, a little at a time, will keep them in good condition if they are fed corn regularly.

### A Boon and a Blessing Beyond Price.

If Compound Oxygen never effected a radical cure of any disease, but only retarded its progress, and made the invalid life more easeful, gave refreshing sleep to the sleepless, a new sense of vitality to the weak and nervous, freedom from pain to those who suffer, bringing sunshine and cheerfulness into sick rooms—it would be a boon and blessing beyond price. That it does all this and more, we have the grateful acknowledgement of thousands who have come under our treatment. Our Treatise on Compound Oxygen, its nature, action, and results with reports of cases and full information, sent free.

DRS. STARKEY & PALEN,  
1109 and 1111 Girard St., Philadelphia, Pa.

Almost any good soil will produce potatoes abundantly, but that best adapted is a rich sandy loam, or a rich clay loam, with a good sprinkling of sand in it.

### Youthful Vigor.

Is restored by Leis' Dandelion Tonic when everything else fails. It contains all the elements necessary to repair nervous waste.

The English Garden says that the Frankenthal is the best variety of the Black Hamburg, suitable alike for forcing for the amateur and the market grower, and adds the true Frankenthal is easily distinguishable by the hammered appearance of its berries.

### You who lead Sedentary Lives

will find great relief from the constipation with which you so often suffer by taking Simmons' Liver Regulator. It is a simple, harmless, vegetable compound, sure to relieve you, and can do no injury. Genuine prepared only by J. H. Zeilin & Co.

Corn, like the leguminoid plants, does not seem to be dependent on an artificial supply of nitrogen, like most of the other cereals, but is able to gather its own; and hence it is believed that corn is really not an exhaustor of the soil to anything like the same extent as the other cereals.

Sydney Smith being ill, his physician advised him to "take a walk upon an empty stomach." "Upon whose?" asked Sydney. Still better steps to take would be the purchase of Dr. R. V. Pierce's "Golden Medical Discovery" and "Pleasant Purgative Pellets," which are especially valuable to those who are obliged to lead sedentary lives, or are afflicted with any chronic disease of the stomach or bowels. By druggists.

Sorghum yields well on land too poor to grow corn. This shows that the sorghum derives more from the air, as its sweet juice, largely carbon, would indicate. The soil for sorghum must, however, be in fine tilth, as its small seeds are more impatient of clods than the larger corn grains.

### To Consumptives,

or those with weak lungs, spitting of blood, bronchitis, or kindred affections of throat or lungs, send two stamps for Dr. R. V. Pierce's treatise on these maladies. Address the doctor, Buffalo, N. Y.

Near any large city a pond of clear water is worth more for its crop of ice than the rental value of the same area of average farm land. The value of the ice crop is likely to increase, as its use is extending far beyond the increase of supply. Large quantities of ice are now brought to Southern cities from Canada and Maine.

### Catarrh of the Bladder.

Stinging, smarting, irritation of the urinary passage, diseased discharges, cured by Buchu-palpa. \$1, at druggists. Kansas Depot, McPIKE & FOX, Atchison, Kansas.

The use of coal ashes has not been recommended by agricultural chemists, but practical tests show that they have more value than is popularly supposed, especially on heavy soils. Probably as good a use of them as can be made is to throw in the hen house or the vault. They will absorb the ammonia instead of liberating it, as is the effect of wood ashes.

### If Nearly Dead

after taking some highly puffed up stuff, with long testimonials, turn to Hop Bitters, and have no fear of any Kidney or Urinary Troubles, Bright's Disease, Diabetes or Liver Complaint. These diseases cannot resist the curative power of Hop Bitters; besides it is the best family medicine on earth.

It is easier to keep flesh on animals now than to put it on in March. Do not spare feed, but do not waste any.

No woman really practices economy unless she uses the Diamond Dyes. Many dollars can be saved every year. Ask the druggist.

Demand it, and take no other iron preparation except Brown's Iron Bitters. It is the best.



## The Young Folks.

### Mother's Wee Man.

Two violet eyes, intent and wise,  
This great world view with a grave surprise;  
Gaze at it, master it, rule, if you can!  
That is the problem—mother's wee man.

Two sensitive ears, with unknown fears,  
Turn at each sound the darling hears;  
'Tis a strange great world, but love is its plan,  
There is no danger—mother's wee man.

Each tiny pink fist, but fit to be kissed,  
Waves hither and thither, wherever they list;  
The right 'gainst the wrong, strike a blow  
when you can!

That is the battle—mother's wee man.

Two delicate feet, all dimpled and sweet,  
To walk this rough earth seem strangely unmeet;

Yet tread the path boldly, it is but a span,  
Life's little crossing—mother's wee man.

### A Rival for Yosemite.

Another valley, rivaling the Yosemite in beauty and sublimity of scenery, has been disclosed to the public by the San Francisco Chronicle. It has the very unpoetical name of Hetch-Hetchey, and is situated on the main branch of the Tuolumne river, and only sixteen miles north of the Yosemite. The valley is about four miles in length, and varies in width from 150 yards in the center to about half a mile midway of either end. It is much smaller than Yosemite, and, unlike that valley, its attractions are so grouped that nearly all may be seen in one panorama.

The majestic peaks of the upper valley are the highest, yet less remarkable than those of the lower, being more slanting and less peculiar in shape. The highest has been named the "Great Eastern," owing to its remarkable resemblance of a steam ship in full sail. Its height above the valley is upward of 4,000 feet. Just below is another cliff of nearly equal height, known as "Chimney Rock." Directly opposite is another cliff of fully equal height.

The bases of the central and narrowest part of the valley are but 150 yards apart; their heads, separated by scarcely more than a quarter of a mile of air, tower two cliffs. On the south, and pushing its almost vertical front boldly out into the valley, rises a monument of solid granite 2,400 feet in height. It springs directly from the valley, without debris worthy the name, and impresses the beholder as does no other cliff about the valley. This is known by the Indians as Ko-lo-nah Rock, and is the most prominent feature of Hetch-Hetchey. It slightly resembles, in position and contour, Sentinel Rock in Yosemite, but it is a far more wonderful formation. Opposite Ko-lo-nah a sloping cliff rises 2,000 feet, from the summit of which springs upward a smooth granite dome, lifting its hoary head 3,200 feet above the meadow and river below.

Its waterfalls are three in number, besides numerous ephemeral torrents which slide and leap down the cliffs in the early spring or after heavy showers. At the upper end of the valley the canon divides, as in Yosemite, the Tuolumne coming down the right fork. Here enters what is known as Rancheree Creek. Both river and crestate crossed by narrow sheep bridges, and we set out on a half-mile scramble up the rocks overlooking the Rancheree Cascades. Any one wishing to gain a clear and perfect idea of pandemonium should visit these falls. The Rancheree Creek, a stream forty feet in width, enters a narrow gorge with vertical walls from seventy-five to 175 feet in height. Down this gorge it plunges for nearly half a mile, making five distinct falls.

Meerschaum is obtained chiefly from near the city of Eski-Scheir, in Asia Minor, where it was mined on a large scale even before the time of the Turks. The city is surrounded by a basin, or depression, which was in all probability a large lake, now dried up. All around the borders of the basin are found masses of meerschaum mixed with pebbles and bowlders in a sort of red earth.

The average days work for a bricklayer is 1,500 bricks on outside and inside walls; on facings and angles and finishing around wood or stone work, not more than half of this number can be laid.

### Newfoundland Dogs.

The man who thinks that Newfoundland dogs of noble mein and build troop in droves through the country is, in our Yankee phrase, a good deal "off." The Newfoundland dog is not only, like the traditional prophet, without honor in his own country, but there are very few of him at all. The pure breed is almost extinct. We find any day in New England towns better dogs of the Newfoundland type than I have seen during a week's stay in the city of St. John's. The streets are filled with mongrels, big dogs, small dogs, spaniels, esquimaux, and mastiffs, but almost all low curs of vile breed and pattern. Well-informed Newfoundlanders smile satirically when you extol their famous dogs, and go so far as to deny that the animal originated in the island at all. As a rule, the big black Newfoundland dog is a much-abused dog.

He is sought out more for strength than beauty, kept on low diet, used in winter to draw heavy sledges of wood, and is made anything but a household divinity. His temper is good up to five years old, when he is apt to become snappish. The water is his natural home and he will steal away at night and travel long distances for his bath. The tests of his purity of breed and general merits are thick webbed foot, good bushy tail, the comely shape and poise of the head, and deep black color on the roof of the mouth. His degeneration is charged to the abuse of him as beast of burden and to one of the island's old laws to protect sheep, which has given a policeman fifty cents for shooting dogs found at large—a statute under which many fine dogs have been ruthlessly slaughtered.

The earliest records of the Island show that the aboriginal dog of the country was a tempered creature of great size, and so strong that he could draw from the water seals weighing hundreds of pounds. He had a passionate fondness for the sea, lived on raw fish, and was a skillful fisher, swimming rapidly under water and catching his prey by the mouth. A case is cited where one of these dogs was seen catching fish for sheer sport, heaping them up on the shore, and then plunging in for others. The same records prove, however, that this dog was of an extinct species, very different from the present Newfoundland, though the latter, in this latitude, is very fond of raw fish.

### A Way to Discover Ages.

The following arrangement of figures will afford pleasant pastime in discovering ages or any numbers that may be found in any one or more of the columns. For instance: Ask Lizzie in what column or columns may her age be found. She replies: In the second and fifth columns. Then you add the numbers at the head of those two columns and you have 18—her age. If father says his age may be found in the 1st, 2d, 3d, 4th and 6th, you will find the numbers at the head of these columns make 47—his age. So any number up to 63 may be found. Here is the magic table:

member and act on our rule, that we keep no accounts on subscription. Money must accompany every order for the FARMER.

The Seed and Implement House of Rumbull, Reynolds & Allen, Kansas City, Mo., is, in our opinion, worthy of public confidence. We have found them courteous, liberal, fair and honest.

Mr. S. A. Sawyer, whose card appears elsewhere in this paper, is an experienced live stock auctioneer. He is commended by competent persons as successful salesman.

The problem of self-help among women is the theme of Mr. Howell's story, "A Woman's Reason," begun in the February Century.

The Floral Cabinet is a first-class monthly devoted to the culture and

The Gothard tunnel in the Alps mountains is  $9\frac{1}{4}$  miles long, 26 feet wide and 19 feet high. The number of tunnels on that line of railroad is 56, of an aggregate length of 23 miles.

The average weight of western men is said to be upwards of 150 pounds, and of eastern men about 141.

### Answers to Questions.

Question No. 2.—Let a quarter of an inch, (or any other short measure) represent an inch. Mark off on paper a figure 13 measuring and five measures wide, making all the corners right angles—that is square corners—65 square inches. Then draw a line from any corner diagonally to the opposite corner, and cut the paper (on that line) in two pieces. That gives two 3-cornered pieces (triangles) each 5 inches wide or high and 13 inches long on the base line. Now, make a point on the base line (of both these triangles) 5 inches from the square corner and 8 inches from the point, and cut square across. This gives us four figures—two of them 3-cornered, and two 4-cornered. Lay the 3-cornered pieces together joining the diagonal lines so as to make a rectangle 8 by 3. Then, on one side of that rectangle place one of the 4-cornered pieces, resting it on its shortest side, with square corner even with the corner of the rectangle; then fit in the other piece to correspond, and you have an exact square 8 inches to the side—64 square inches.

Since our last issue we have received several more answers to Question No. 1. Nellie E. Smith gives 121, using plurals and several improper words, as sut, tyrant, aint. Frank Squires gives 55 without plurals.

Question No. 3 is answered by Cora Bender, Seymour H. Ayres, Bert Ramsey and Stella Beach. We give correct parts of every one as follows:

London; population 3,814,000; The occupation of its people is cotton and woolen manufacturing and commerce; English language; on the Thames river which empties into the North Sea and is in England.

Question No. 4 is answered by Cora Bender as follows: I have seen 33 different kinds of birds in Kansas. Blue, Bee, Red, Robbin, Black, Jay, Martin, Swallow, Mocking, Humming, Canary, Snipe, Wood-pecker, Galout, Buzzard, Bullbat, Crane, Snail, Crow, Cookoo, Hawk, Cat, Sea, Plover, Meadow Lark, Yellow, Snow, Owl, Chip, Hanging, Gildee, Pee-wee and Rice bird.

Seymour H. Ayres gives 25 and in the list he has Kildare, Pumpsucker and Whippoorwill.

### Questions to be Answered.

Question No. 8.—What is dew; and how is it formed?

Question No. 9.—Why are fruit trees on high ground more secure against frost than those on low ground?

Near Macon, Miss., is a remarkable pigeon roost. It embraces an area of forty acres, in a valley surrounded by precipitous hills. A creek runs through it, or rather spreads over it, covering most of the surface with water from one to five feet deep. There is all over it a thick growth of cane, vines, bushes and saplings, which, with the quicksands, muck and water, constitute it an absolutely impenetrable morass. It is a wonderful instinct that prompted the birds to select this, the most secure and safest of all places in the whole region, for their lodging house. Between sunset and dark pigeons come in from all quarters in immense numbers, darkening the heavens and producing a roaring noise that can be heard two or three miles.

In one of the large Chicago shops recently, the electric lights suddenly went out, and in looking under the dynamo for the cause, a large rat was seen with one leg raised as if about to take another step, motionless. It had leaped or stepped first on one of the copper conductors underneath the brush, and on stepping on the other closed the current so that it passed through its body, killing it instantly. The machinery was stopped, the rat taken off, and then everything was all right again.

It is stated that paper made from strong fibres—such as linen—can now be compressed into a substance so hard that it cannot be scratched by anything but a diamond. In view of this fact, it is thought that before long a great variety of house furniture will be made of paper instead of wood.

A looking-glass has been invented which enables a woman to see her heels and face at the same time, and she must look out, or she will step on her chin.

If every tree is known by its fruit, what kind of fruit does an axletree bear?

Fertilisers supplied by fine-ground phosphates, super-phosphates, and potash salts, do better for corn than the highly-nitrogenized or ammoniated mixtures.

Thousands saved from death by Dr. King's New Discovery for Consumption. Trial Bottles free.

On a cranberry farm at Hyannis, Mass., \$49,000 worth of cranberries have been sold this season, and \$7,000 paid out to pickers, at the rate of one and-half cents to two cents per quart.

S. B. Prentiss, M. D., a prominent physician of Lawrence, Kas., certifies that he has carefully observed the effects of Leis' Dandelion Tonic, and he regards it an excellent alterative tonic well adapted to the climate of Kansas and the West.

The necessity for a greater quantity of manure is each year becoming more urgent, and everything that will add to the manure heap to increase its value should be carefully saved to enrich the soil and compensate for the fertility abstracted in the growth of crops on our farms.

### Plain Words are Best.

We learn that certain people find fault with W. E. Clarke, of Providence, R. I. for not "writing up" his great kidney medicine, Hunt's Remedy, in more flowery style. It is not Mr. Clarke, but his critics, who are foolish. What does a man who is threatened with Bright's Disease, or any disease of the kidneys, bladder, liver, or urinary organs, most require—fine words or a cure? In Hunt's Remedy, the great kidney and liver medicine, he gets the cure—a sure cure.

In the culture of corn Prof. W. J. Beal states that from actual experiment he finds the upper ear more valuable than the lower ear for seed. In every case where planted the ears were longer from the seed of the upper ear than from the seed of the lower ear.

### Wrecked Manhood.

Victims of excessive indulgence or youthful indiscretions and pernicious solitary practices, suffering from Premature Decay or old age, Nervous Debility, Lack of Self-confidence, Impaired Memory, Loss of Manly Powers, and kindred symptoms, should send three stamps for large illustrated treatise, giving means of certain cure, with numerous testimonials. Address World's Dispensary Medical Association, Buffalo, N. Y.

All kinds of roots in the cellar will keep better if a little fresh dirt is thrown over them. For beets and turnips this is very important, these roots drying up or becoming tough and tasteless if exposed to the air. It is not too late to get some sods in the cellar during mild days in mid winter.

### Brain and Nerve.

Wells' Health renewer, greatest remedy on earth for impotence, leanness, sexual debility, etc. \$1, at druggists. Kansas Depot, McPIKE & FOX, Atchison, Kansas.

The size of the kernel of different varieties of oats varies considerably. Assuming, however, that medium oats require 660,000 grains to a bushel, then three bushels to the acre would give forty-five seeds to the square foot,  $8\frac{1}{2}$  bushels, fifty-two seeds and four bushels to the acre would give sixty seeds to the square foot.

### "Rough on Rats."

The thing desired found at last. Ask druggists for "Rough on Rats." It clears out rats, mice, roaches, flies, bed-bugs. 15c boxes.

The 415 street railways in this country and Canada run 18,000 cars and more than 100,000 horses are in daily use. Calculating that the average life of a horse in street railway service is four years it makes the consumption of horses 25,000 per year. To feed this vast number of horses requires annually 150,000 tons of hay and 11,000,000 bushels of grain.

### Bright's Disease, Diabetes.

Beware of the stuff that pretends to cure these diseases or other serious Kidney, Urinary or Liver Diseases, as they only relieve for a time and make you ten times worse afterwards, but rely solely on Hop Bitters, the only remedy that will surely and permanently cure you. It destroys and removes the cause of disease so effectually that it never returns.

The question whether birds are the friends of the farmer is still an open one. Some undoubtedly are; but the fact that some varieties live mainly on insects is not conclusive until we know what kind of insects they prefer. The farmer has as many friends among insects as enemies. In fact, the potato beetle alone has no less than twenty insects preying upon it.

\*For the delicate and complicated difficulties peculiar to women, Lydia E. Pinkham's Vegetable Compound is the sovereign remedy.

It will not pay to allow hens to "sit" so early. Give the broody ones a few pills of castile soap and sulphur, and let them have no warm food for a few days.

Make yourself healthy and strong. Make life happy by using Brown's Iron Bitters.



## THE KANSAS FARMER,

Published Every Wednesday, by the  
KANSAS FARMER CO.

H. C. DEMOTTE, President.  
E. E. BROWN, Treasurer and Business Manager.  
H. A. HEATH, General Business Agent.  
W. A. PEFFER, Editor.

## TERMS: CASH IN ADVANCE.

**Single Subscriptions:**  
One copy, one year, \$1.50  
One copy, six months, 1.00

**Club Rates:**  
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Ten copies, one year, 13.20  
Fifteen copies, one year, 18.40

Any one wishing to secure a free copy for one year, may do so by sending in, at one time, the number of subscribers named in any one of the above three clubs, accompanied by the corresponding amount of cash.  
REMEMBER—The club must be FULL and the cash must accompany the order. If you wish the FREE COPY, so state in your order.  
KANSAS FARMER COMPANY.

Ohio and California produced about one-fourth part of the wool crop of the United States in 1882.

Oliver Ditson & Co., 449 Washington St., Boston, Mass., have our thanks for samples of their sheet music.

We have some good letters on special subjects—sheep, hogs, poultry, horticulture, grass, etc., filed for next week's paper.

If the plowing and manuring of gardens were neglected in the fall, take advantage of the first opportunity to have the work done. Freezing and thawing will do good work in the soil.

The North American Review for February opens with a symposium in which six prominent theologians, representing as many religious denominations, give expression to their views upon the question of the "Revision of Creeds."

Snow storms have prevailed quite generally throughout the country the past week. Weather was very cold here, though not much snow has yet fallen. Reports from different parts of the State are in, but we have not heard of any losses of stock because of the storm.

Senator Ingalls has introduced a bill in the United States Senate providing for the appointment of a railway commission to investigate and report upon the general subject of transportation among the States, to the end that a law may be passed governing the matter from a national standpoint.

Senator Plumb's speech on the bill to make the Commissioner of Agriculture a Cabinet officer, was one of the best efforts he ever made. He seems to understand the situation well, and says that when agriculture employs more than half the people, it ought to have some representation in government counsels.

Five dollars for an ounce of silkworm eggs is all the capital needed to begin the business of raising silk. Osage orange plants will do for feed until mulberry can be raised. Silk-raising will soon become general in all the milder latitudes of our country. After learning how to raise the silk, then a reel may be purchased for \$15 to \$18.

Some of our readers are asking for reports of experiments in Kansas with ensilage and silos. We have been promised at least one such report, and this is to remind Mr. Mathews that the court is ready to hear him. We would be very much pleased to have reports from every one who knows anything practically about the matter.

Plants received by mail or express need much care when the weather is cold. Unwrap them in a warm place, and immediately immerse them in soft earth and let them remain there until they are needed for planting.

## The Sorghum Sugar Industry.

Inquiries from our own and other states are coming to this office concerning the growing of sorghum cane and the manufacture of syrup and sugar from it in Kansas. Now lying before us is a letter from Parsons inclosing a newspaper clipping on the subject. The writer wants further information; and in replying to him we answer many others as well.

That Kansas, and especially the Southern half of the state, is well adapted to the growing of sorghum, is an established fact. When this state was the Territory of Kansas, the writer of this article raised sorghum in Southwestern Missouri near the Kansas line and made syrup from it equal to the best produced anywhere, and some of that syrup made itself into a fair article of brown sugar, needing only a little draining. Similar soil and climate exist in Kansas, and the best syrup has been made here every year that it has been attempted by careful persons. Sorghum syrup is now regularly quoted in Chicago, St. Louis, Kansas City, Topeka and Denver market reports.

There has been much difficulty in getting rid of a certain wild taste; but it may be truthfully stated that there need be no further trouble on that account. Experiments have been in progress some years, and now experienced manufacturers do not fail to produce a good article every time.

The acid in the juice was the obstacle in the way of granulation. That, also, is now overcome, and a beautiful white sugar is made from sorghum cane with as much certainty as it is made from ribbon cane in Louisiana. We have seen samples of sugar so made, and have reliable reports from different places telling the same story. The success attained at Champaign, Ill., was published only a few weeks ago in this paper. An agent of the Agricultural Department at Washington, having visited Kansas to look after this matter says that during the past year the obstacles in the way of making sugar from sorghum have been greatly overcome.

The Rio Grande Sugar Company, of Cape May county, New Jersey, made 319,000 pounds of sugar and 40,000 gallons of molasses last year from sorghum cane. The company had 958 acres of land in Amber cane, 25 acres in Linke's Hybrid, 23 acres in Early Orange, 2 acres in Honduras—1008 acres in all. The Amber ripened first, and was being worked up when up when a committee visited the works October 12. The committee say: "For the week ending the day of our first visit 656 tons of cane were crushed, yielding 115 barrels of sugar of 88 degrees, and 89 barrels of molasses of 47 degrees. The first sugar, though equal to 63 pounds to the ton of buildings crushed."

The Champaign Sugar Compostrong (Champaign, Ill.) report as these do me per acre of their crop: tons of cane crushed and topped 124; sugar 790 pise Lost, molasses 1164 gallons. The sugar when ed as extra yellow "C" and sold union in at the factory at 84 cents per pound, my baby lots of five barrels.

In a committee report, recently to the Academy of Sciences, it is that the results of these extensive ations in Illinois and New Jersey put to rest any doubts as to the pite. tion of sugar on a great scale in a FARM- climate with a commercial pi wonder

The KANSAS FARMER, during t ment of a polati on year repeatedly called attention to the growing industry, and again last We personally know enough ab We al- and its value in Kansas to justify e paper urging farmers to raise it for syrup, guests gar, feed and flour.

Sugar making is an established fact. All our farmers have to do in relation to it is, to study and learn the best way of doing the work. We believe, and have often said, that sugar and syrup making in Kansas will yet be a leading industry. When our readers want details, let them ask for them.

## A Woman's Suggestion.

In our Ladies' Department this week is a short letter from "Wybel" on woman suffrage, in which the writer touches on a method of curing drunkenness and other immorality in men. She says that if women would treat men who are guilty of such vices in the same way that they treat their own sex in similar cases, the influence of such treatment would soon show itself in society at large.

That thought contains a volume of good sense. It is worthy of serious consideration by all persons, and especially by women. Men may play all sorts of meanness; they may drink, gamble and cheat; they may defraud the living and rob the dead; they may be hideous in character and rotten in life, yet, if they are only bold and brazen about it; or if they only dress well, though their apparel be woven with heart-strings, there are many women who will lend them encouragement. Young women will often chat and laugh, and dance in the perfume of a drunkard's breath, and would rather drop flowers in his path than have him driven from the room as a filthy beast. Wretches—murderers of wives and children, have bouquets and dinners carried to them in prison cells by hands that would tremble in scorn and contempt if a woman should drop in the march.

Ah, yes, woman! Treat wicked and filthy men just as you do wicked and filthy women, and the world would change like a scroll. Let men once feel the power of your scorn as your own weak ones know the influence of your relentless loathing, and the lever of your forces would be stronger than all the ballots in christendom.

## A Word About Advertising.

We had hoped that when we got more room, we would not have to apologize any more for the extravagant amount of our advertising; but the case grows no better very fast. The KANSAS FARMER is sought after by advertisers even in New England. They know the paper is read by a great many people, and hence they want to use its columns.

But we feel that if our paper were to be all the time as full of advertising as it is now, justice to our readers would demand a greater enlargement or the regular issue of a supplement. But this is the busy season for advertisers, and we expect that in a few weeks they will shorten up, and we will average fairly. The rush, we think, will soon be over; and when the year has passed, we believe we have long thought I would like that something for your excellent paper, they in become acquainted with the kind la contribute so many suggestions for fit; but conscious demerit has kept. The FARMER has been a weekly vicea- our home for several years, and I hard congratulate you on your new dresit any have changed your form but have no two your value. Of course I always rearpridies' Department the first thing, but an be the whole paper, and I can tell "ho,rozen, calves, and about ensilage, and the feeding chopped feed, and how with chickens, &c.," most of which I have solidly from your valuable paper.

Ladies, may I join your literary nches I am only a farmer's girl, and I told and all bor the other day how to cure hog n the and gave him a copy of the KANSAS F ma- but I never use slang, and I desire e top, something every day.

I quite endorse what one writer sp must pies and doughnuts. Yes, dearstraw. please do not feed those precious wish. Three feet is wide enough. In this you can raise lettuce, radishes and other early plants for use in first days of spring, and you can have tomato, cabbage, beet, and other plants ready for setting out in the garden before you would sow the seed in the out-door bed.

## About Raising Wheat.

Our readers remember that some weeks ago we called their attention to a field of wheat belonging to P. H. Smith that we had seen growing from less than half the usual quantity of seed. We explained the method of seeding—narrow iron rollers following the drills, pressing the earth compactly down on and about the seed, and leaving little furrows about four inches in depth for the wheat to grow in, so that when the drouth and winds and frost come the plant is protected. We also gave Mr. Smith's experience in wheat growing on the same plan, and his conclusion that half a bushel of seed to the acre is too much.

Mr. S. is so thoroughly satisfied that he has made a discovery of great value to farmers that he is going to manufacture his roller attachments for sale. His first advertisement appears in the KANSAS FARMER this week. What we desire particularly to say about it is, that we approve his theory and have seen its practical working. We believe his philosophy is good, and therefore heartily recommend it to the farmers of Kansas.

This thing of recommending is not common with us. We often mention things, but we want to know what we are talking about before we recommend anything. We don't want our readers to invest a dollar in this attachment merely on the strength of our opinion; but we do ask them to study Smith's theory and practice of seeding wheat. We believe them better in every respect than anything in that line ever followed. It seems to us there need be no doubt of success, and if generally adopted in this state it would save vast quantities of seed, besides insuring heavier and more certain yields of matured grain.

The attachments consists only of an iron wheel about two inches wide to follow every drill hoe, and so constructed as that every roller accommodates itself to the inequalities of the surface. It follows the drill into hollows and over ridges independently of the other rollers. Each roller has a pressure of 75 to 80 pounds. They press the earth down on the seed, crushing clods and filling up all the little air-chambers near the seed and leave furrows in which the plant receives benefit instead of injury from winds and frost. In dry weather this method has the same advantage that listing corn has. It is down where the moist earth is if there is any. Wheat may be planted by this method in weather that would be too dry for the ordinary way of seeding, because the earth about the seed is pulverized and pressed together making available what little moisture there is and putting the earth in condition to retain it as well as to receive more from the atmosphere. The furrows catch and hold the drifting dust of windy days, so that earth gathers around the growing plant instead of being blown away from it; and when frost heaves the ground, as it softens and falls it drops in about the wheat. Wheat thus planted will neither blow out nor freeze out; and if the seed is drilled thin enough an ordinary farmer may save seed every year sufficient to supply his family with flour.

Mr. C. L. De Randamie, who has been recently appointed to a clerkship in the State Auditor's office, is an intelligent, energetic and reliable man. His habits and character are good. Mr. McCabe has done himself credit in this, the only change he has made in the clerical force of the office as it was under Mr. Bonebrake's administration.

F. D. Coburn, Esq., of the Kansas City Live Stock Indicator, delivered an interesting address on swine before the National agricultural convention at Chicago last month. The address was published in full in the Swine Journal.



### The Legislature.

Up to yesterday noon, the number of bills introduced in the Senate was 134 and in the House 238. Among those of special interest to our readers are one by Mr. McPherson to prohibit minors from carrying pistols (Senator Funston and Mr. Ryan have charge of similar bills) Mr. Crichton, a bill to protect birds, and one to punish drunkenness; by Mr. Scott, a State veterinary surgeon; by Mr. Winner—act relating to diseased sheep; by Mr. Montgomery to provide a uniformity of text books; by Mr. Lowe, providing a commission to audit claims for damages to brewers and distillers on account of the prohibitory liquor law; by Mr. McAfee, asking Congress to legislate on contagious diseases of cattle; by Mr. Orner to prevent the publication and circulation of obscene literature; by Senator Hackney to submit the question of woman suffrage to the women of the state over 21 years of age; by Senator Collins to amend the stray law so as to have notice published in the official paper of the county instead of in the KANSAS FARMER as now; by Senator Everest to repeal the prohibition amendment; by Mr. Green to appropriate \$2,400 to each of the three charitable institutions at Leavenworth.

This last named bill ought not to become a law. Such things in time become barnacles on the treasury. It is as proper for the state to pay the expenses of a farmer's private fish pond as it is for it to pay expenses of these institutions.

Senator Collins' bill is an unwise move, unless it includes a section with a penalty prohibiting animals from straying more than five miles from home or in extreme cases ten miles, but never outside of the county where their owners reside. A proviso might also be attached requiring them to leave a card at home stating their probable course and destination.

One important resolution is passed; important because there is no authority for it. It authorizes the purchasing of ten dollars worth of postage stamps for every member of both houses, requiring an expenditure of upwards of \$1,600 of the people's money. It is strange that candidates for the legislature never know the pay is too small. The average member does not need one dollar for that kind of matter. But the whole thing is out of order. It is taking just that much money out of the public treasury unlawfully.

One good thing done is a resolve that all bills relating to railway legislation be printed for the use of the railroad committee. A bill prepared by Mr. Hart, of Dickinson county, a prominent farmer, is now before the committee. But it seems strange that after all the noise and commotion on this subject less than a dozen railroad bills have been introduced. We gave in our last issue all that had been presented up to that time, and there have been only four introduced since, two by Mr. McCleverty, one (Hart's bill) by Mr. Hoffman, and one by Senator Brown.

### Farmer's Institute.

Arrangements have been made by the Faculty of the State Agricultural College for holding Farmer's Institutes as follows: At Belleville, Republic Co., Feb. 1st and 2nd, Professors Ward, Sheldon and Walters will attend and give lectures. At Hiawatha, Brown Co., Feb. 8th and 9th, where President Fairchild and Professors Shelton and Failyer will give addresses.

A considerable number of County Clerks have sent us clubs of subscribers. They have our thanks, and we hope they will not weary in well-doing. Every farmer in the State ought to have this paper.

### Inquiries Answered.

Our favorite potatoes are—early, Early Rose; late, Peachblows.

Branch Valley Nursery, Peabody, Kas., advertises Russian mulberry cuttings.

Orchard grass seed may be had from any one of several houses advertised in the FARMER. Sow it when the earth is in good condition in early spring.

Four to five pounds of onion seed drilled is an average per acre; the yield is 400 to 800 bushels; Silver skin white, Wethersfield large red, and Bloomsdale extra early red are good varieties. Any soil that will produce good corn or cabbage is fit for onions.

A lister is a double-mouldboard plow, throwing earth to both sides. Attached to the plow, and so as to run in the furrow is a corn planting device, tearing up the bottom of the furrow, planting corn seed there and covering it with pulverized earth. The earth between the furrows is cultivated as the corn grows, and the surface is level when the last working is done.

We found potatoes to do better on fresh breaking (sod) than any other crop. Corn and sorghum both do well if the breaking is deep enough and the season is fair. Pumpkins and squashes also, sometimes do well. If we wanted to plant any crop on new breaking, we would plow deep enough (with narrow furrows) to allow a covering of loose earth to be made with harrow and roller. If the breaking is only to kill the grass, two inches is deep enough; but if for a crop, we would prefer at least six inches.

During the presence of Kansas wool-growers in Topeka last week, a considerable number of them called to shake hands with the FARMER folks. They, the sheep men, are a jolly, good-humored and good-looking set of men. They scolded us for not devoting more of our attention and space to the sheep industry. We will try to profit by their counsel, and run a little more to sheep hereafter.

To cure earache, some one gives the following: "Take one drop of watchmaker's oil and drop it in the ear; if that is not to be had, a pinch of black pepper put on a small piece of cotton batting and dipped in sweet oil, placed in the ear, and a bandage tied around the head, is said to give almost instant relief.

Persons acting as agents for this paper will oblige us and save themselves inconvenience and postage if they will remember and act on our rule, that we keep no accounts on subscription. Money must accompany every order for the FARMER.

The Seed and Implement House of Trumbull, Reynolds & Allen, Kansas City, Mo., is, in our opinion, worthy of public confidence. We have found them courteous, liberal, fair and honest.

Mr. S. A. Sawyer, whose card appears elsewhere in this paper, is an experienced live stock auctioneer. He is recommended by competent persons as a successful salesman.

The problem of self-help among women is the theme of Mr. Howell's story, "A Woman's Reason," begun in the February Century.

The Floral Cabinet is a first-class monthly devoted to the culture and care of flowers. We value it highly.

Iron filings or scraps of iron placed in the earth about the roots of pear trees, are said to have a good effect.

Paper put in the insides of barrels and boxes is a protection to fruit in cold weather.

### Gossip about Stock.

At a recent meeting of the Kansas City Fat Stock Association a liberal schedule of premiums was adopted for the show of next fall, amounting to \$2,625 on cattle, \$395 on sheep, \$490 on swine, and \$100 on poultry; total, \$4,425. The time fixed for this meeting is the first eight days of November, all animals must be on the ground by October 31. The various classes and the premiums offered on each, are practically the same as those at the Chicago shows; the premiums on cattle ranging from \$20 for single animals to \$100 for car lots, and the same for general sweepstakes. Further information may be obtained by addressing "Secretary Fat Stock Association," Kansas City, Mo.

Texas Live-Stock Journal says that Messrs. Stone & Dickey have bought 46 sections of the Houston & Texas Central railroad lands, situated in Archer, Wichita and Baylor counties. This firm has a large pasture, between 250,000 and 300,000 acres in process of enclosure and expect to have it completed by the first day of next March. In a previous issue we stated that Messrs. Stone & Dickey had purchased the Robertson county school lands, which was an error, as the lands were leased for five years.

Carefully prepared statistics of the public sales of Short-horns in the years 1881 and 1882, show a marked increase in the price the last year, being about \$34 per head. The sales in 1881 averaged \$158 per head, and this year \$192 per head. This is encouraging for breeders.

During the year 1882 stock receipts at Kansas City were as follows: Cattle, 439,671; hogs, 963,036; sheep, 80,724; horses, 11,716. Those of cattle and sheep were greater, and those of hogs and horses, less than in 1881.

C. F. Hardick says that blood will tell, and he is not afraid to show thoroughbred against grades anywhere, and he favors letting them compete everywhere.

The State Fair Association, this year, will offer \$500 for premiums on poultry in the Pet Stock department—American standard of excellence.

The number of sheep represented by the delegates at the Kansas Wool Growers' meeting was 57,277. Of this number, 2,603 were pure blood.

I. F. & D. L. Snediker, Hartford, Kas., were offered \$5 each for all their graded ewes, and \$500 for two rams.

### Grapes.

Editor Kansas Farmer.

In reply to an inquirer for a grape for north-central Kansas.

The Concord can be planted anywhere with assured success. Many others have been offered and tried that are worthless, yet in the number worthy of a place, the Goethe is very desirable, its large fruit of excellent quality, beautiful color and late ripening makes it desirable for the table or market. The Telegraph or Christine for very early is hardy, productive; better quality, more compact bunches and smaller berries than Concord. The Elvira is a white grape with similar bunch and berry of Christine, a strong grower. The Dracut Amber is a healthy grower and productive, but is only good for jelly, for which it excels all dark grapes, and for that reason a few of them should be grown. The above may be increased in number, but none are better that have been well tried here.

There have been many new varieties offered lately with high colored praise, some of which are likely to prove an acquisition. I have many of them planted on trial and shall fruit them next season when the result can better be told than now.

Lawrence, Kas.

A. H. GRIESA.

Farmer C., in reply to Farmer K., on liquor legislation says: And again Farmer K. says as there is no express provision for getting evidence, how can it be enforced against opposing sentiment? We answer, just the same as any other law. All laws are opposed by the evil doer; but is that a valid reason why all laws should be repealed? Wherein is the present law arbitrary? What! are we to remunerate men for carrying on a business, or rather going out of it that ruins men, and is of no benefit to any one but the one who engages in it, and that to fill his own coffers at the expense of the peace of families and putting in the gutter otherwise good men? Evidence can be obtained without an express provision, and if the officers of the law are honest and do their duty, the law as it is can be enforced and will be.

Fruit and vegetables ought not to be stored in the same apartment in a cellar.

## THE MARKETS.

By Telegraph, January 22, 1888.

### Chicago.

The Drovers' Journal reports:

CATTLE Receipts 2,000. Market steady. Export steers 6 00a 35; good to choice shipping 5 35a 90; common to good 4 20a 10; butchers 2 25a 4 30; stockers and feeders 3 30a 65.

HOGS Receipts, 10,000. Market 5 to 10c higher. Common to good Mixed 5 85a 30; heavy 6 10a 70; light 5 75a 26.

SHEEP Receipts, 600. Market steady. Common to medium 2 25a 35; good to prime 4 65a 75;

### Chicago Grain Market.

WHEAT Feb. opened at — noon \$1 03½; March opened at — noon \$1 04½c. Corn—Feb. opened at — noon 57½c; March opened at — noon 57½c. Pork—Feb. opened at — noon \$17 57½.

### St. Louis.

CATTLE Receipts, 1,300, shipments none, steady and in fair demand for all good grades; common not wanted; export steers 5 75a 00; good to choice shipping steers 5 00a 50; butcher 5 50a 5 50; light 4 40; stockers and feeders 3 50a 4 20.

SHEEP Receipts 2,000; shipments none; steady and in good demand; medium to fair muttons 3 75a 50; good to choice 4 60a 25; fancy 5 50a 00.

### St. Louis Produce Market.

WHEAT Noon. Red winter, Jan. 1 04½c. CORN Jan. 51c. Feb. 51½c.

### Kansas City.

The Live Stock Indicator Reports:

CATTLE Receipts 887; market steady; native steers averaging 1,194 to 1,441 pounds sold at 4 60a 5 30; stickers and feeders, 3 75a 35; cows 2 75a 3 75.

HOGS Receipts, 4,714; market firm and 5c higher; lots averaging 204 to 331 pounds sold at 6 05a 40.

SHEEP Receipts, 10, market quiet and unchanged.

### Kansas City Produce Market.

Price Current reports:

WHEAT No. 3, cash, 82c; No. 2, 90c. CORN No. 2 cash, 44c. OATS No. 2 cash 34c. RYE No. 2 cash 49c. BROOM CORN Common 2a3c per lb.; Missouri evergreen 4a4½c; Hurl 5c. FLAX SEED Quoted at \$1 09a 10 per bus. CASTOR BEANS Quoted at \$1.18a 1.20 per bu. WOOL We quote: Missouri and Kansas tub washed, 30a32c; unwashed, choice medium, 20a 21c; fair do at 17a19c; coarse, 16a18c; New Mexico, 14a18c.

### Arrears of Pay and Bounty

To Union soldiers reported on rolls as deserters. Act of August 7th, 1862. Increase of Pension. Thousands entitled under new laws, which are more liberal. Send stamps for blanks to Stoddard & Co., 413 G street, Washington, D. C. Pension and Bounty Claims a specialty.

### Organs for Only \$43.00.

The special offer made in this paper by Daniel F. Beatty, the world renowned organ and piano man, places a first-class organ within the reach of all. An advantage in ordering of him lies in the fact that the house is of long standing, perfectly reliable, and Mr. Beatty will do exactly as he promises; and he promises to take back the organ, after one year's use, if not perfectly satisfactory, and refund all money paid him, with interest from the day on which it is sent.

Send postal card, with name and address plainly written, to H. C. Davis, Ass't General Passenger Agent, St. Paul, Minneapolis & Manitoba R. R., St. Paul, Minn., for full particulars and sectional map of North Dakota Country. See advertisement headed "320 Acres Free."

### Patents Secured

H. K. JOHNSON & CO., patent agents, Washington, D. C. References: Hon J A Logan, Hon W B Allison—Send for circular.



### Improved Stock. Editor Kansas Farmer.

The Short-horn Breeders' Convention to be held in Topeka is attracting considerable attention in the State as it should do. The time has fully come when the scrub stock of eastern and central Kansas should be superseded by a better class of cattle. The time has passed when cattle will live on the prairie winter and summer; and when we have to feed grain and tame hay to stock during the winter season it then is a question of vast importance to have a class of cattle that will return the largest gain for the quantity of food consumed. From the many tests made by practical feeders in various portions of the State it has been fully demonstrated that grade Short-horn cattle will return one-third more pounds of beef for the amount of grain consumed than any of the native cattle found in the west. When the Short-horn cattle are tested by all the feeders the demand for good stock will increase and a ready market will be found for all the good stock that can be grown. No breeder should be hesitating about the results. The Herefords and Polled Angus breeders will find a market for their stock, but it will principally be in the western portion of the State and Texas. That class of cattle will do well on the plains; but for the production of beef where grain is fed, the Short-horn cattle have no equals. But breeders should be careful to send out none but good specimens of the breed. It is far better to sell inferior Short-horn cattle for beef than to sell them as breeders at a low price; for such stock will do vast harm both to the herd from where they came as well as to all breeders of Short-horn cattle.

Some parties attempt to establish a herd of fine cattle and hired hands attend and manage the stock while they live in the city and carry on some business there. If a successful breeder can be hired to see to the stock it would do; but few practical men can be hired as they could soon secure a herd of their own. Inexperienced hands would soon lose the reputation of a good herd. No business requires more close attention than the breeding of fine stock.

H. WARD.

Burlingame, Kas.

**KIDNEY-WORT**  
**THE GREAT CURE**  
FOR  
**RHEUMATISM**  
As it is for all the painful diseases of the  
**KIDNEYS, LIVER AND BOWELS.**  
It cleanses the system of the acid poison  
that causes the dreadful suffering which  
only the victims of Rheumatism can realize.  
**THOUSANDS OF CASES**  
of the worst forms of this terrible disease  
have been quickly relieved, and in short time  
**PERFECTLY CURED.**  
PRICE, \$1. LIQUID OR DRY, SOLD BY DRUGGISTS.  
WELLS, RICHARDSON & Co., Burlington Vt.  
**KIDNEY-WORT**

**SEEDS** Our Large GARDEN GUIDE  
describing Cole's Reliable Seeds  
is mailed Free to All. We  
offer the Latest Novelties in  
**SEED POTATOES**, Corn, Oats  
and Wheat, and the Best Collection of Vegetable,  
Flower, Grass and Tree SEED. Everything is tested.  
Address: COLE & BRO., Seedsmen, PELLA, IOWA.

**MAGIC LANTERNS**  
And stereopticons. All prices. Views illustrating every  
subject for public exhibition etc. \$2. A profitable busi-  
ness for a man with small capital. Also lanterns for  
home amusement. 116 page illustrated catalogue free.  
McALLISTER, Mfg Optician, 49 Nassau St., New York.

**Spalding's Commercial College**  
LARGEST, CHEAPEST-BEST  
KANSAS CITY, MO., J. F. SPALDING, PRES.

**SPLENDID!** 50 Latest Style chromo cards, name,  
10c. Premium with 3 packs.  
E. H. Pardee, New Haven, Conn.

## STRONG FACTS!

A great many people are asking  
what particular troubles BROWN'S  
IRON BITTERS is good for.

It will cure Heart Disease, Paral-  
ysis, Dropsy, Kidney Disease, Con-  
sumption, Dyspepsia, Rheumatism,  
Neuralgia, and all similar diseases.

Its wonderful curative power is  
simply because it purifies and en-  
riches the blood, thus beginning at  
the foundation, and by building up  
the system, drives out all disease.

### A Lady Cured of Rheumatism.

Baltimore, Md., May 7, 1880.  
My health was much shattered by  
Rheumatism when I commenced  
taking Brown's Iron Bitters, and I  
scarcely had strength enough to at-  
tend to my daily household duties.  
I am now using the third bottle and I  
am regaining strength daily, and I  
cheerfully recommend it to all.  
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## KATIE DARLING, OR, LIFE IN WESTERN KANSAS.

BY ONE WHO HAS BEEN THERE.

### CHAPTER I.

"So you are going to Kansas are you Tom? You'd better think the matter over twice, before leaving the old folks and little Lucy, I'm afraid you'll regret it."

"There's no use of talking Dick, I've made up my mind, it's 'Kansas or bust' with me."

"And I fear it will be 'bust,' said Dick Rogers, with a forced grin on his honest face."

"Just think, Tom, you've all you can make on the old farm here, and you and Katie can settle down as snug as mice."

"O, yes! and follow the same old ruts to mill and to town, and plow the same fields the rest of my life. No adventure, nothing to break the monotony. I tell you Dick, I want to go to Kansas and begin on the wild prairies, and carve me out a home to suit my notion. I shall feel like a monarch there, with Katie as my queen."

"I'm afraid the war spoiled you, my dear fellow, but it did more for me; I have felt like a fish out of water ever since we got our discharge and came home."

"Shouldn't wonder," said Tom, with a mischievous twinkle in his blue eyes, "it's my opinion the daughter of an old Reb down in Missouri played the mischief with your peace; it wasn't the discharge, mine didn't hurt me a bit!"

"At any rate," said Dick, "it wasn't the discharge which sent me home!"

"O! that's it, is it, old fellow? I give it up. So if you go to Kansas you can go and bring her. You'd never want to live in that nest of Rebels after fighting them three years."

"All right then. When shall we make our exit? In October? We want to get there in time to knock up a shanty, and go into winter quarters." Said Dick.

Dick Rogers was a brave fellow, and prided himself on a straightforward way of doing everything, so we must pardon him if he digressed in this one instance. He told Tom it was "under a pressure of circumstances," but he was in earnest, as much so, as when following Grant in Missouri, he had been detailed as scout, had fallen—wounded by a treacherous bullet from a bushwhacker. Tom had begged to go and find him, dead or alive, but they were moving, and it was not granted. Long days of suspense and sorrow they were to Tom, until one morning, just at the call of roll, Dick turned up, fresh, and in excellent spirits. The boys all shouted until they were hoarse, and made Dick tell his story, while they all sat around the camp fire. But Dick made a "mental reservation," as the Rebs called it when they took the oath of allegiance. This "reservation" was for Tom alone to hear.

The two boys had grown up together, under the same social and religious influences, but were different in temperament and disposition, Dick was the lymphatic type, while Tom was nervo-bilious, warm-hearted, impulsive and excitable. He needed Dick's calm thoughtfulness to keep him balanced.

So they parted, to meet a week later. Dick mounted his horse and rode toward home, while Tom, running his fingers through the shining jetty mass of curls on his head, that "stood every way for Sunday," covered them with a broad brimmed hat and sauntered leisurely down the woodland path, whistling—"They did tell me thou wast false, Katie, darling."

Passing through the woods he came to a meadow through which he made his way toward an orchard, just back of which rose the irregular roof of an old farm house lending, in its turn, a quiet beauty to the rustic scene. But Tom did not see anything, not even the high fence which he placed his hand on mechanically, and leaped over, where all around, the old apple trees were bending with fruit, and the birds twittering in the branches. Tom was wondering how to tell Katie. Anxious, lest she should refuse to leave the old home with all its sweet associations; mother and father, too; still, with a settled determination that she should do so.

Suddenly, Tom's hat flew off and fell with an apple to the ground. When a merry voice rang out, clear as the notes of a lark.

"What made your hat 'secede,' Tom?"

"The apple, I guess! I suppose a woman and apple were at the bottom of all the trouble man ever had!" Said Tom, as Katie approached.

She was a medium sized girl, dressed in a pink calico, with a neat white apron tied around her waist, bare-headed, her sun-bonnet on her arm, her long brown curls flowing around her head and face, held back from a full broad forehead by a quaint old-fashioned round comb. And that was "Katie, darling," as Tom always called her.

"What made you so sober, Tom? Did I spoil your hat, or your dream? Come, I like a rarity," said she, perching herself on the bent form of an old apple tree.

"See?" and upholding her bonnet she disclosed a half dozen beautiful ripe apples.

"Have an apple, Tom?" and she poised a Golden Pippin in her little brown hand.

"I wonder," said Tom, as he took the apple and opened the knife to peel it, "I wonder if Eve wasn't tempted with something like this?"

"No." Said Katie. "'Twas nothing but a crab apple. Don't you know that the Horticulturists say all our apples originated from the Crab?"

"But!" said Tom gravely, "it may have degenerated since the origin. In the beginning, all things were good and beautiful. Some people go far enough to say it was no

apple; but none of them ever could give any reasonable substitute, to my mind. We know the Bible says it was desirable, which means beautiful and attractive, or tempting, and that furthermore, when tasted, it was pleasant, or what you and I call good. This doesn't by any means correspond with the wild crab."

"It had also," said Katie, "the quality of imparting to those who ate of it a 'knowledge of good and evil.' They did not only recognize evil, but were thereby enabled to discern evil from good, right from wrong. It is hard for us sometimes, to do that, with all our boasted knowledge."

"And harder still," said Tom, "to do the right when we know it. I'm always doing wrong and then having to be sorry for it. The trouble is, I don't do the thinking till too late, so Dick tells me."

"I know it, Tom," said the mischievous girl, "but you don't go very far until you do think, and as you grow older you won't be so impulsive. So you really think the original apple was better in every respect than this?"

"I do candidly. I don't believe it reasonable that man could ever improve the works of the master workman, he may restore, but it is presumption to say he can excel the excellence of the fruit of Paradise fresh from the hands of the maker. I believe, Katie, that man will increase in knowledge, discerning and uprooting evil, and improving the productions of Nature, increasing their beauty and usefulness until the earth is restored to its primitive loveliness and perfection. I desire to be a factor in that great work of restoration. I long to go to the wild untrodden plains, and from the hand of Nature carve out for myself a paradise of my own. I can imagine a lovely cottage on a sloping lawn, where all manner of beautiful flowers are growing, and trees and shrubs, orchards where all manner of fruits are grown to perfection, pastures where herds of cattle and sheep range beside running waters, groves and fields of waving grain, and all this to be ours, Katie, darling."

"O, Tom! How beautiful!" And in her admiration she forgot her apples, and they rolled down in the grass at her feet.

"I believe you'll be a preacher some day." "Not a bit of it." Said Tom. "I am to be an agriculturist on a grand scale. I'll never bind myself to teach any code of man-made theories, for bread and butter. I mean to make this picture a reality, Katie!"

"How? When?" Said Katie. The drift of Tom's words slowly resolving themselves into shape.

"Now." Replied Tom, carefully weighing the effect of each word, as the soft brown eyes rested on his face with a questioning, earnest look. "With the talent God has given me, the labor of these hands, guided by skill, and prompted by an unwavering resolution."

"Where?"

"In Kansas! In the glorious west! The grand paradise and grand central State of the Union. I believe that away in the future, when the western wilds have been reclaimed, that the seat of Government will be removed to Kansas. It will finally become the grand center of civilization, and from it will go out influences that will control the commerce, the social and moral elements and the financial interests of the United States, if not the civilized world. I mean to be a pioneer in the great work, foremost in the ranks to till the virgin soil, fresh from the hands of Nature. There's inspiration in the very thought. Is there any one who dares deny it? I pause for a reply."

"He had taken a position under an apple tree, opposite Katie, in true oratorical style. Looking around upon the apple trees, he concluded. 'I thank you, ladies and gentlemen, for your courteous attention,' and just then an apple fell. Placing his hand quickly on his head he laughingly said, 'the products Mother Nature lavishly bestows on my ungrateful head!'"

Katie, here broke into a peal of laughter and partly fell, as she clambered down from her perch on the old tree.

"Katie!" came a well known voice.

"Coming." Answered Tom.

"But, do you really want to go west, Tom?"

"Earnest! Katie, I mean every word."

"O Tom. How could I ever leave mother and the old home? How could I, Tom?"

"Easiest matter in the world," Said the artful Tom. "I'll take you, Katie, darling."

"Aye, you're there, are you, Tom? I'm glad. There's no one here to help Katie milk, so—"

"Give me the bucket," said Tom, "I'm used to that job."

Mrs. Brown turned toward the kitchen, telling them to "hurry up, supper is most ready."

"See, Katie, what a good clown I'd make?" said he, balancing a bucket on his head with one in each hand, but down came the bucket and in the effort to catch it, he dropped both the others. Katie, laughingly, helped him gather them up, and they proceeded to the barnyard gate, and there, quietly chewing in a meditative way, were White-face, Brindle and Daisy. Yes, Daisy. The beautiful snowy white, dark-eyed daisy—the pet of the barnyard.

Katie wistfully gazing at her, felt a throb of pain at the thought of leaving her dark-eyed beauty.

"We'll take her with us, won't we, Tom?" A quiet smile lit up Tom's countenance as he thought "I've won."

Was Tom artful? Or was he enthusiastic, or both? Who can read the human heart? Few of us know our own.

"Now," said he, "we will endeavor to take all our treasures with us. But see! Those calves are getting more than their share of

the milk. Why don't you feed them as the people do back east?"

"O, its mother's notion. She says there's very little cream in the first milk, and it saves work to let them help themselves. Besides, they are better calves for having the milk fresh and sweet."

Happy Tom and Katie! Their morning sky was bright with the dawning of their day star—the star that guided them to the west.

The old cat sat statuesque-like on the gatepost; Old Billy, the goat, stood gravely looking on; the sheep were resting in the adjoining pasture, and the old farm horses were neighing for their evening meal. The tinkling of the bells and the sweet, fresh breeze laden with the music of the evening, all were engraven on the memory of the girl, ever to be remembered through the years to come. Even the walk back to the house, the straining of the milk and putting it away in the dairy, the drink at the well where they washed their hands and face, talking all the time of the meeting that was to come off in the Watson's grove next Sunday, and how they should go there. And then, the old kitchen where father and mother were waiting at the table for them; and the blessing asked in that soft, kind voice, which evoked a vibrating cord in their breasts; and the white flaky bread, the golden butter, the honey and baked apples, the sliced ham, the tea, who could ever make it just as good as mother did? These were never forgotten and in the years to come, when far in the west, that supper was recalled in lieu of the dainties which were minus; and Katie and Tom, in imagination, have often eaten that supper over again. Who shall say that the time did not add new sweet to the honey and bread that mother made?

[To be Continued.]

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## Female Weaknesses.

—IT PREVENTS—  
Malarial Poisoning and Fever and Ague,  
And is a Specific for Obstinate

## CONSTIPATION.

PRICE \$1.00 PER BOTTLE; SIX FOR \$5.00  
SOLD BY DRUGGISTS EVERYWHERE.

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## BAKING POWDER

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This powder never varies. A marvel of purity, strength and wholesomeness. More economical than the ordinary kinds, and cannot be sold in competition with the multitude of low test, short weight, alum or phosphate powders. Sold only in cans. ROYAL BAKING POWDER CO., 106 Wall-st., N. Y.

## BLUE VALLEY HERD.

MANHATTAN, : : KANSAS,

Offers for sale at fair and reasonable prices some very fine Thoroughbred Short-Horn Cattle—recorded animals—Cows, Heifers and Bulls.

Also High Grade Cows, Heifers, Bulls, and one and two-year-old steers, and a few good horses, mares and mules.

The proprietor has been eight years in the business, and is prepared to show the public some good stock. Correspondence and a call at the Blue Valley Bank is respectfully solicited.

WM. P. HIGINBOTHAM,  
Manhattan, Kansas.



Dana's White Metallic Ear Marking Label, stamped to order with name or name and address and number. It is reliable, cheap and convenient. Sells at sight and gives perfect satisfaction. Illustrated Price-List and samples free. Agents wanted.  
O. H. DANA, WEST LEBANON, N. H.



## Lyon County Wool Growers.

This county has now 30,000 fine woolled sheep and about 50 growers. The majority of the flocks are free from the scab. The regular meeting of this association was held at Emporia last Saturday. Several members were chosen to represent the county at the State Wool Grower's Association, and the following resolution was adopted:

*Resolved*, That the proper handling and preparation of wool for sale is a matter of vital importance to the welfare of wool-growers, and it should be one of the prominent objects of this association to enlighten wool growers as to their duty in this respect, and to expose without fear or favor the deliberate introduction of refuse matter into fleeces prepared for sale.

The time was devoted to an interesting and general discussion upon the different features of the industry. Kansas would take the lead as to profit with sheep were it not for scab. The best remedy is good feed and proper care. Experience showed that cane is a superior feed, not only for sheep but for all live stock, the entire stalk, leaves and seed can be utilized. A ton of millet is worth three of prairie hay. The prospect for the crop of wool next spring is good and bids fair to be heavier and of a better quality. The wool this season was a disappointment in eastern markets. It was agreed that much education is needed, in the matter of putting up wool for market intelligently and honestly. This new association which we organized will be a valuable faction for the industry in this county.

English landlords as well as English farmers have discovered that in their climate it is not possible to grow low-priced produce on poor land by high-priced labor.

**Established in 1868.**



## RIVERSIDE FARM HERD.

## Poland and Berkshires.

I warrant my stock pure bred and competent for registry. I have as good hogs at head of my herds as the country will afford, and defy competition. Parties wishing Pigs of either breed of any age, or sows ready to farrow, can be accommodated by sending orders. I send out nothing but FIRST-CLASS STOCK, and warrant satisfaction. Give me a trial.

J. V. RANDOLPH  
Emporia, Kansas.



**THE BATCHELLER**  
Barrel Churn; the Cheapest and Best. No iron rim in top for butter or cream to adhere to. All sizes made up to 300 gallons. Lever and Roller Butter Workers Also all sizes Box Churns for Creameries. All goods warranted as represented. Dairy churn at wholesale price where we have no agent. Send for circulars to H. F. Batcheller & Son, Rock Falls, Ill.



Duke of York and Antocrat strain. We solicit your patronage and guarantee a square deal.



**Queen of the South**  
PORTABLE FARM MILLS  
For Stock Feed or Meal for Family use.  
10,000 IN USE.  
Write for Pamphlet.  
Simpson & Gault Mfg. Co.  
Successors to STRAUB MILL CO.  
CINCINNATI, O.

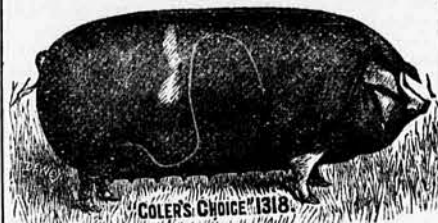
## HAZELWOOD Poultry and Egg Farm

DAVIS & NYE, - LEAVENWORTH, KAS.

Forty varieties of the leading Land and Water Fowls, including Brahmas, Cochins, French, American, Plymouth Rock, Hamburgs, Polish, Leghorns, Spanish, Dorkings, Langshans, Guineas, Bantams, Ducks, Geese and Turkeys.  
Our stock exhibited by Wm Davis at St Jo, Bismark, Kansas City and the great State Fair at Topeka this fall (October, '82) won over 200 1st and special premiums.  
Will issue fine catalogue and price-list in January, 1883.

P.S.—As we wish to retain as many hens and pullets as possible until March, we offer for sale at low prices for the quality of the stock, a large lot of cockerels of all the leading varieties, either for choice breeding or to grade up your common fowls. Price according to quality.

## Riverside Stock Farm.



MILLER BROS., Proprietors.

Breeders of Poland China Swine, Shepherd Dogs and Plymouth Rock Fowls. Our Spring pigs are by our boars Brag 1870; Sandburr 1951; Roderick Dhu 1921, and the young boar Blackfoot by Amron 1241; Dam LXL 4th 3210, and are coming of fine quality. Send for circular and price list. We have reduced rates by express. P.O. Address, Junction City, Kas.

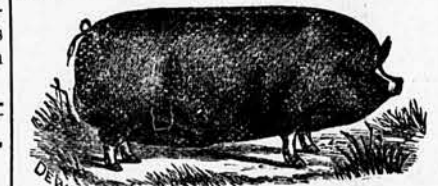
## MERINO PARK STOCK FARM.

Winchester, Jefferson Co., Kansas.

WM. BOOTH, Proprietor. Leavenworth,  
FRANK L. GIBBS, Manager, Winchester.

## Breeders of REGISTERED MERINO SHEEP.

None but the very best stock that money and experience can produce or procure are used for breeders. A few choice Rams for sale, ready for service this fall.



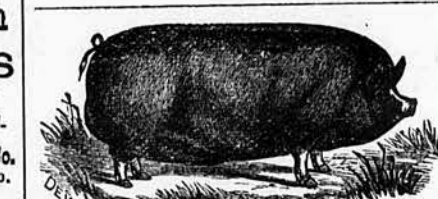
WM. BOOTH, Leavenworth, Kas., Breeder of Thoroughbred Berkshire Swine. I am using three Boars this season, at the head of which stands Gentry's Lord Liverpool No. 3615, sire Lord Liverpool No. 221. I am breeding twelve as fine Sows as the country can produce. Most of them Registered, and eligible to registry. Stock for sale and satisfaction guaranteed. My stock are not fitted for the show ring, but for breeding only. Send for prices.



## Poland China and Berkshire Hogs.

We have the largest herd of pure bred hogs in the state. For ten years past we have been personally selecting and purchasing, regardless of cost, from the leading Poland China and Berkshire breeders throughout the United States, choice animals to breed from and breeding them with much care. By the constant introduction of new blood of the best strains of each breed we have brought our entire herd to a high state of perfection. We keep several males of each breed not of kin that we may furnish pairs not related. Chang 263 and U. S. Jr. 781. American Poland China Record; and Peerless 2135 and Royal Nindennere 3317. American Berkshire Record are four of our leading males. We have as good hogs as Eastern breeders, and have a reputation to sustain as breeders here. We have over \$10,000 invested in fine hogs and the arrangements for caring for them, and cannot afford (if we were so inclined) to send out inferior animals. We intend to remain in the business and are bound to keep abreast of the most advanced breeders in the United States. If you want a pig, or pair of pigs, a young male or female, a mature hog, or a sow in pig, write us.

RANDOLPH & RANDOLPH,  
Emporia, Lyon Co., Kas.



## J. J. ATHERTON,

EMPORIA, : KANSAS,

Breeder of POLAND-CHINA and BERKSHIRE SWINE.

Seventy five choice young Berkshires ready for sale; also, Buff and Partridge Cochins, Light Brahma, and Plymouth Rock poultry eggs in season. Terms reasonable. Write.

## Red Cedars and Forest Tree Seedlings.

We have the largest stock in the West of Red Cedars, Forest Tree Seedlings, Hardy Catalpa, Strawberry and Raspberry Plants. Write us for price-lists.

Address  
BAILEY & HANFORD,  
On Ill. Centr'l R. R. Makanda, Jek'sn Co., Ill.

## SHORTHORN CATTLE

## AND BERKSHIRE SWINE.

## COTTONWOOD FARM,

Four miles east of Manhattan, Kas.

J. J. MAILS, Proprietor.

Breeder of Short-Horn cattle and Berkshire swine. Young stock always for sale. My Short-Horns number 32 head of well bred animals, including 10 head of young Bulls.

My Berkshires are all recorded or can be in the American Berkshire Record, and are bred from noted prize-winners, as British Sovereign II 533; Hopewell 3337, and Imported Mahomet 1979; and from such sows as Queen of Manhattan 836; Sally Humphrey 4282; Kello's Sweetmeat 7422, and Queen Victoria 7356. Correspondence solicited.

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## THOS. B. WALES, Jr.,

IOWA CITY, IA. Herd was established in Massachusetts in 1870 and now numbers over 80 head, all represented in the Holstein Herd Book. Many animals we personally selected in Holland.

## NO ONE SHOULD PURCHASE

Holsteins without visiting this herd. Send for new Illustrated Catalogue.

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Incorporated under the Laws of the State of Kansas. Capital Stock, \$100,000.

We have constantly on hand, and for sale, Thoroughbred and Imported

STALLIONS, JACKS, JENNETTS, MULES, SHORT-HORN CATTLE, sucking and yearling colts. We have the mammoth Jacks "TIGER" and "JOHN S." bought in Kentucky, also "TRAVEISO,"

a fine Jack imported from Spain. We are now through with, and will sell "TOM O'LINCOLN," an imported English Draft Stallion, price \$1,000. The best bargain in the state.

Correspondence, or inspection of our stock, invited.

F. E. SAGE, Pres.,  
LARNED, KAS.

## THE LINWOOD HERD SHORT-HORN CATTLE.

Linwood, Leavenworth Co., Kas., is on the U. P. R'y, 27 miles west of Kansas City. The herd is composed of Imported VICTORIAS, VIOLETS, and others from the celebrated herd of A. Cruickshank, Scotland Also,

GOLDEN DROPS, LADY ELIZABETHS, YOUNG PHYLISSES, RO E OF SHARONS, YOUNG MARYS, ETC., ETC.  
Imp. BARON VICTOR 42824, bred by Cruickshank, and 10025 GOLDEN DROPS HILLHURST 39130 head the herd. Inspection invited. W. A. HARRIS, Lawrence, Kas. Farm joins station.

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The Chicago and Montana Live Stock Co. desire cattle dealers and others having young heifers for sale to send the number, age, quality and price per head, delivered at Union Stock Yards, Chicago, Ill. Address J. R. WICKERSHAM, Sec., Room 4, Metropolitan Block, Chicago, Ill.

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Used COLD at all seasons of the year. Ticks, Red Lice, Borers and Tapeworms destroyed. Sore Eyes and Fly-blows cured. No CARBOLIC; non-poisonous; harmless when used either externally or internally; improves quality and quantity of wool more than cost of two dippings every year. Send for price list, testimonials and directions.

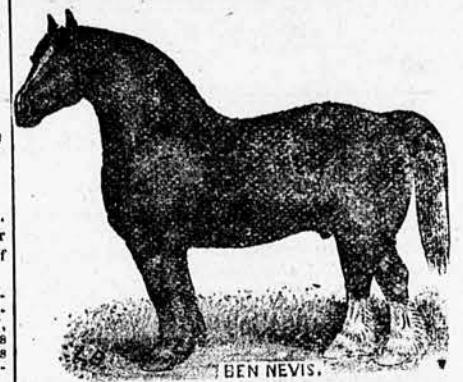
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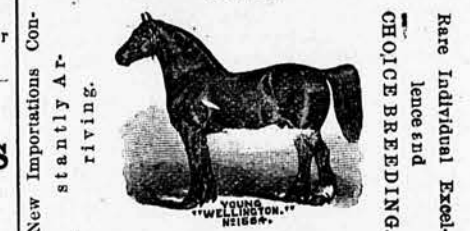
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Importers and Breeders of  
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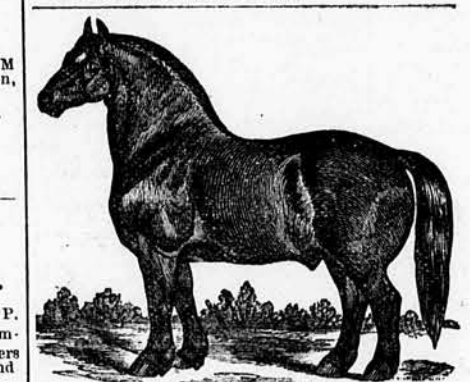
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Trotting-Bred Roadsters, HOLSTEIN AND DEVON CATTLE. Our customers have the advantage of our many years' experience in breeding and importing, large collections, opportunity of comparing different breeds, low prices, because of extent of business, and low rates of transportation. Catalogues free. Correspondence solicited. POWELL BROTHERS, Springboro, (Crawford Co.,) Pennsylvania. Mention the KANSAS FARMER.

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Importer and Breeder of Pure-Bred  
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Carefully selected in France by myself, aided by experienced French experts. My last importation consists of 30 large and vigorous Stallions which are now thoroughly acclimated and in prime condition. I am offering this magnificent exhibition of fine Normans for sale and will warrant each horse. All inquiries cheerfully answered.

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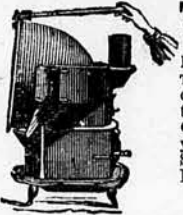
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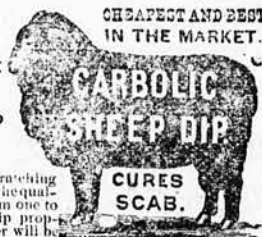


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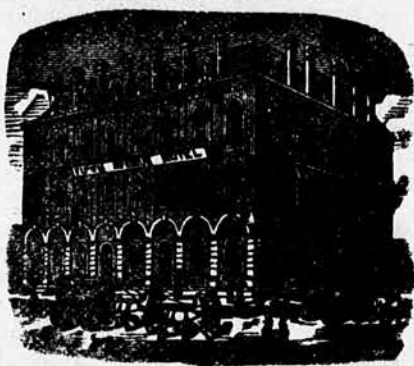
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**SALICYLICA** is known as a common-sense remedy, because it strikes directly at the cause of Rheumatism, Gout and Neuralgia, while so many so-called specifics and supposed panaceas only treat locally the effects. It has been conceded by eminent scientists that outward applications, such as rubbing with oils, ointments, liniments, and soothing lotions will not eradicate these diseases which are the result of the poisoning of the blood with Uric Acid.

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ASK YOUR DRUGGIST FOR IT.

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Hannibal & St. Joseph R. R., Missouri, Kansas & Texas R. W.,  
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**VIRGIN & COMPANY,  
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We Have More Prize Winners than any Stud in the United States.

We took Six First Premiums, including Sweepstakes on all ages at the Illinois State Fair, Sept., 1882. Have made Four Importations in the past year.

Have Horses and Mares, all ages, For Sale.  
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We are raising over 800 pigs for this season's trade. Progeny of hogs that have taken more and larger sweepstakes and pork-packer's premiums than can be shown by any other man on any other breed. Stock all healthy and doing well. Have made a specialty of this breed for 34 years. Those desiring the thoroughbred Poland-Chinas should send to headquarters. Our breeders will be registered in the American Poland-China Record. Photograph of 25 breeders, free. Swine Journal 15 cents. Prices to suit the times. Two shipments made to Hamburg, Germany, in 1881; one order for 1882 to fill from same parties. Certificate of purchase with each sale and pedigree when required.

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Only Double Ring Invented.

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At the Marshall Fair Grounds, at Marshall Sa line county, Mo., on the C. & A. R. R. 80 miles east of Kansas City, and 200 miles west of St. Louis, Wednesday, Feb. 21st, 1883, I will sell my entire herd, consisting of about 100 head of Short-Horn Cattle: Oxford Barlington 2d (10309 S. H. R.) at the head of the herd; seventy females and twenty-seven bulls, consisting of Wiley Duchesses, Craggs, Bracelets, Cambrias, Agathas, Dairy Maids, Primroses, &c. The cows are sired by the 14th Duke of Thorndale (827.) 3d Duke of Oneida (1773.) Duke of Woodland (64 S.) 5th Lord Oxford (766.) Oxford Brigand (9049.) Kirklevington Duke 2d (10121.) 1st Cam ridge Rose Duke (440.) 2d Cambridge Rose Duke (4841.) Oxford Roan Duke (9059.) Duke of the Roses (8477.)

There will be no postponement of the sale on account of bad weather as all will be conducted under shelter. Catalogues will be ready by the first of February, and can be had by applying to me at Marshall, Mo.

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H. D. AYRES.

Terms Cash.

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Mixes perfectly with Cold Water. Safe to use in Coldest Weather. It is a sure cure for all skin diseases and insect Pests of domestic animals. Every farmer should keep it. For the various uses of the Dip see our paper of January.  
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## Nothing Short of Unmistakable Benefits

Conferred upon tens of thousands of sufferers could originate and maintain the reputation which AYER'S SARSAPARILLA enjoys. It is a compound of the best vegetable alteratives, with the Iodides of Potassium and Iron,—all powerful, blood-making, blood-cleansing and life-sustaining—and is the most effectual of all remedies for scrofulous, mercurial, or blood disorders. Uniformly successful and certain, it produces rapid and complete cures of Scrofula, Sores, Boils, Humors, Pimples, Eruptions, Skin Diseases and all disorders arising from impurity of the blood. By its invigorating effects it always relieves and often cures Liver Complaints, Female Weaknesses and Irregularities, and is a potent renewer of waning vitality. For purifying the blood it has no equal. It tones up the system, restores and preserves the health, and imparts vigor and energy. For forty years it has been in extensive use, and is to-day the most available medicine for the suffering sick.

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**THE CHICAGO COMBINED PATENT**  
**Flexible Harrow and Grain Cultivator.**

 *All steel teeth.* Best implement in use. Unequaled as a sod harrow and pulverizer. Works equally well in growing Wheat Potatoes or young Corn. Adds 5 to 10 bushels per acre to the yield. 25 to 50 acres per day cultivated by one team. Will pay for itself in one year. Send for Illustrated Price List.

**H. A. Streeter, Sole Proprietor and Manufacturer,**  
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**\$83.00**  
**FOR ONLY**  
**\$59.00**

**WEIGHT**  
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# BEATTY'S PATENT

## Regular Price

**24 STOPS.** 1-Cello, 8 ft.  
8 ft. tone, 4  
ft. tone, 6-Saxophone, 8 ft. tone,  
ft. tone, 8-Viola Dolce, 4 ft. tone,  
8 ft. tone, 11-Harp, 25  
15-Icelandic, 8 ft. tone, 1  
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cello, 4 ft. tone, 21-Cello  
23-Grand Organ Kneeb  
25 This Organ is a  
**VERY BEAUTIFUL IN**  
**OUT.** The Case is of  
hand-carving and ex  
is of the most beautif  
the millionaire's parlor

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New Style No. 1815.—Height, 73 ins. Depth, 44 ins.  
Length, 44 ins. Weight, boxed, about 600 lbs.

**Regular Price \$83.00** Without Stool,  
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**24 STOPS.** 1-Cello, 3 ft. tone, 2-Melodia, 5 ft. tone, 3-Clarinella, 8 ft. tone, 4-Mantol Sub-Bass, 16 ft. tone, 5-Bourdon, 1 ft. tone, 6-Saxophone, 8 ft. tone, 7-Viol di Gamba, 3 ft. tone, 8-Diapason, 4 ft. tone, 9-Viola Dolce, 4 ft. tone, 10-Grand Expression, 11-French Horn, 8 ft. tone, 12-Harp Aeolian, 13-Vox Humana, 14-Echo, 8 ft. tone, 15-Dulciana, 3 ft. tone, 16-Clarinets, 8 ft. tone, 17-Flute, 8 ft. tone, 18-Flute, 15-Dulciana, 13-Viola, 4 ft. tone, 19-Grand Coupler Harmonique, 20-Orchestral Cello, 4 ft. tone, 21-Grand Organ Kneep Stop, 22-Right Organ Kneep Stop.

This Organ is a triumph of the Organ Builders Art. It is VERY BEAUTIFUL IN APPEARANCE, and EXCELLENTLY LIKE THE REAL THING. It is profusely ornamented with hand-carving of the most beautiful design extant. It is deserving of a place in the millionaire's parlor, would ornament the boudoir of a prince.

**FIVE SET REEDS.** Five Octaves, handsome appearance. It will not take up more room than a single reed. It contains the Sweet VOIX CELESTE Stop, the famous French Horn Solo Combination, New

A circular seal with a serrated, sunburst-like outer edge. Inside the seal, the text "DANIEL F. BENTLEY" is written in a large, serif font along the top arc. Below this, "WASHINGTON" and "NEW JERSEY" are written in a smaller serif font, separated by a five-pointed star. At the bottom, "U.S.A." is written along the arc. The entire seal is set against a dark background.

**If you will remit me \$59 and the annexed Coupon within 10 days from the date hereof, I will box and ship you this Organ, with Organ Bench, Book, etc., exactly the same as I sell for \$83. You should order immediately, and in no case later than 10 days. One year's test trial given and a full warranty for six years.**

Given under my Hand and Seal this  
24th day of January, 1883.

Daniel F. Beatty,

Letter, Express, or Registered, to accept this coupon for \$24, as part payment on my  
date of receipt. I hereby agree to accept this coupon for \$24, as part payment on my  
dated 24 Sept 1935 Parlor Organ, with Bench, Book, etc., providing the cash  
balance of \$59 accompanies this coupon; and I will send you the cash balance  
for \$59, and box and shipping charges, if you so desire, fully warranted for  
six years. Money refunded with interest from the date of remittance if not as repre-  
sented after one year's use.

(Signed), DANIEL F. BEATTY.

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**1883 NORTH STAR SEED FARMS 1883**  
GO TO HEADQUARTERS FOR  
EARLY MINNESOTA SWEET CORN

Edicated and practical growers now assent to our motto: "Plant the further North Seeds are sown the earlier their product will be." We offer this year a full line of Standard Potatoes, true to name, grown on dry upland; Scotch Fyre and Blue Stem Wheat; White Fyre and Scotch Fyre, big, sage, safe to eat; Yellow Dent and Early Corn; our North Star Yellow Dent Corn still takes the lead, and for fodder is equal to any; of onion seed, tomatoes, carrots, peas, &c., &c., a full line and large crop, all 1893 grown on our own fair and fertile soil, all ponded always in pure spring or Fall sowing.

Write for our Catalogue. Free. T. M. MEYER, SEED GROWER, Importer & Jobber, St. Paul, Minn.

**SAVE MONEY!** Every Farmer should know that 8 cts. per bushel can be saved on Corn, 25 cts. in Wheat, and 2 cts. per

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## THOMAS SMOOTHING HARROW

Also manufacture the Perfected PULVERIZER which contains 72 sharp steel blades, covering 14 feet at each sweep. Warranted the most powerful Pulverizer ever invented. For pamphlet containing illustrations of both machines at work, and hundreds of names of those who use and recommend them, address THOMAS HARROW CO. Geneva, N. Y.

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 Name neatly printed in pretty type  
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**FLORALS**, name covered by hand and flowers, 25c. Send 25c. for New Album of Samples for Agents. Reduced Price Lists &c. **200 NEW DESIGNS** added this season. Orders promptly filled. **BLANK CARDS** at wholesale. **STEVENS BROS. & CO.** Northford, Conn.

January, contains full description of  
and Flower Seed, Seed Grain  
etc; also Garden Drills, Cultiv  
for growing and how to get our Seed

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D. H. MOORE.

**ESTABLISHED 1845.**

## Our Annual Catalogue,

January, contains full description and prices of **Reliable Vegetable, Tree, Field and Flower Seed, Seed Grain, Seed Corn, Seed Potatoes, Onion Sets** etc; also **Garden Drills, Cultivators, Fertilizers, etc.**, with full information for growing and how to get our Seeds.

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Nos. 812 & 814 N. 4th St., ST. LOUIS, MO

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## KINNEY'S PATENT TUBULAR FOUNTAIN ENCLOSURE,

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The Fountain Enclosure is constructed of pipes, which, when filled with water, serve not only as an enclosure, but vases are attached in which flowers, plants, and vines may be placed.

These are supplied with moisture caused by evaporation of water from the pipes through the vases.

The Fountain Enclosure is made in any size and supplied with marble tablets for the inscription and in connection with the Tablets, it is fast superceding the ordinary hear stones.

For circulars and terms, write to

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Office with Fernald Bros. at Topeka Marble Works, 159 Quincy St.

# LANDRETH'S PEDIGREE SEEDS

**SEEDS** For the **MERCHANT** on our New Plan  
**SEEDS** For the **MARKET GARDENER**  
**SEEDS** For the **PRIVATE FAMILY**  
**SEEDS** Grown by ourselves on our own Farms

Handsome Illustrated Catalogue and Rural Register FREE TO ALL.  
MERCHANTS, SEND US YOUR BUSINESS CARDS FOR TRADE LIST.  
DAVID LANDRETH & SONS, SEED GROWERS, PHILADELPHIA

**BEAUTIFUL**

**Flowering Plants, Shrubs, Roses, Hauls,**  
Climbing Vines, including 25 kinds of the  
New Clematis, a full assortment of both  
Flower and Vegetable SEEDS. Apple,  
Pear, Plum, Peach, Cherry, Grape,  
and all other FRUITS. **Our**  
**choice**  
all labeled, as fol-  
lows: 12 Puschias,  
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**12-12 BEAUTIFUL**  
**Ever-Blooming ROSES,**  
12 Tuberoses, 12 Gladioli, 30 pk's Choice  
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Beautiful Catalogue of about 100 pages, Jr.  
The famous Kieffer Hybrid Pear, \$1.5  
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**WEEDS AND GRASSES DESTROYED BY EVERYTHING**  
**FOR ANY SEVEN SETS** 8 by express.  
 my new and rare. Safe arrival guaranteed.  
**HARRISON CO. LARK CO.**



# THE STRAY LIST.

## HOW TO POST A STRAY.

BY AN ACT of the Legislature, approved Feb 27, 1886, section 1, when the appraised value of a stray or strays exceeds ten dollars, the County Clerk is required, within ten days after receiving a certified description and appraisal, to forward by mail, notice containing a complete description of said strays, the day on which they were taken up, their appraised value, and the name and residence of the taker up, to the KANSAS FARMER, together with the sum of fifty cents for each animal contained in said notice. And such notice shall be published in the FARMER in three successive issues of the paper. It is made the duty of the proprietors of the KANSAS FARMER to send the paper free of cost, to every county clerk in the state to be kept on file in his office for the inspection of all persons interested in strays. A penalty of from \$5.00 to \$50.00 is affixed to any failure of a Justice of the Peace, a County Clerk, or the proprietors of the FARMER for a violation of this law.

## How to post a Stray, the fees fines and penalties for not posting.

Broken animals can be taken up at any time in the year.

Unbroken animals can only be taken up between the 1st day of November and the 1st day of April, except when found in the lawful enclosure of the taker-up.

No persons, except citizens and householders, can take up a stray.

If an animal liable to be taken, shall come upon the premises of any person, and he fails for ten days, after being notified in writing of the fact, any other citizen and householder may take up the same.

Any person taking up an estray, must immediately advertise the same by posting three written notices in as many places in the township, giving a correct description of such stray.

If such stray is not proven up at the expiration of ten days, the taker-up shall go before any Justice of the Peace of the township, and file an affidavit stating that such stray was taken up on his premises, that he did not drive nor cause it to be driven there, that he has advertised it for ten days, that the marks and brands have not been altered, also he shall give a full description of the same and its cash value. He shall also give a bond to the state of double the value of such stray.

The Justice of the Peace shall within twenty days from the time such stray was taken up, (ten days after posting) make out and return to the County Clerk, a certified copy of the description and value of such stray. If such stray shall be valued at more than ten dollars, it shall be advertised in the KANSAS FARMER in three successive numbers.

The owner of any stray, may within twelve months from the time of taking, prove the same by evidence before any Justice of the Peace of the county, having first notified the taker up of the time when, and the Justice before whom proof will be offered. The stray shall be delivered to the owner, on the order of the Justice, and upon the payment of all charges and costs. If the owner of a stray fails to prove ownership within twelve months after the time of taking, a complete title shall vest in the taker up.

At the end of one year after a stray is taken up, the Justice of the Peace shall issue a summons to three householders to appear and appraise such stray, summons to be served by the taker up; said appraiser, or two of them shall in all respects describe and truly value said stray, and make a sworn return of the same to the Justice.

They shall also determine the cost of keeping, and the benefits the taker up may have had, and report the same on their appraisal.

In all cases where the title vests in the taker up, he shall pay into the County Treasury, deducting all costs of taking up, posting and taking care of the stray, one-half of the remainder of the value of such stray.

Any person who shall sell or dispose of a stray, or take the same out of the state before the title shall have vested in him shall be guilty of a misdemeanor and shall forfeit double the value of such stray and be subject to a fine of twenty dollars.

## Strays for week ending Jan. 10, '88.

### Osage County—C. A. Cottrell, clerk.

HORSE Taken up by J W Hollis in Junction tp. Dec. 1, 1 light bay horse, 7 years old, star in face, left fore and hind foot white; valued at \$30.

STEER Taken up by O C Whitford in Arvonia tp. Dec. 16, 1 white yearling steer, no marks or brands; valued at \$12.

COW Taken up by Alexander Rush in Burlington tp. Dec. 22, 1 red and white cow, 5 years old, branded D on right hip, notch in left ear; valued at \$25.

COW and CALF Taken up by Thomas Black in Dragoon tp. Dec. 11, 1 red roan cow and calf, 11 years old, no marks or brands; valued at \$25.

STEER Taken up by T J Griffith in Arvonia tp. Dec. 5, 1 blue-roan steer, 2 years old, unknown brand on left hip and slit in right ear; valued at \$20.

HEIFER Taken up by Martin Luby in Burlington tp. Dec. 16, 1 red 2 year old heifer, notch under both ears; valued at \$15.

HEIFER Also by same, 1 small dark 3 year old Jersey heifer, white under belly; valued at \$15.

STEER Taken up by H B Halliwell in Dragoon tp. Dec. 2, 1 red and white yearling steer, crop off both ears; valued at \$15.

COLT Taken up by F H Jeffries in Elk tp. Nov. 12, 1 black mare colt, 2 years old, no marks or brands; valued at \$35.

HEIFER Taken up by Basil Hardesty in Elk tp. Dec. 1, 1 dark red yearling heifer, no marks or brands; valued at \$50.

STEER Taken up by W Lee in Junction tp. Dec. 1, 1 red and white yearling steer, spots in face; valued at \$15.

MARE Taken up by G Walter Goss in Junction tp. Dec. 1, 1 black 3 year old mare, star in face and spot on nose; valued at \$50.

MARE Also by same, 1 bay 3 year old mare, star in face; valued at \$35.

HORSE Also by same, 1 bay 2 year old horse, star in face; valued at \$20.

### Crawford county—A. S. Johnson, clerk.

MARE Taken up by George W Jamison in Baker tp. 1 black mare, about 5 years old, white star in forehead and almost blind; valued at \$25.

HORSE Also by same, 1 bay horse about 5 years old white star in forehead; valued at \$50.

HORSE Also by same, 1 bay horse about 5 years old, white star in forehead, heavy set and pony build; valued at \$50.

### Atchison county—Chas H Krebs, clerk.

COW Taken up by William Intfan in Shannon tp. Nov. 8, 1 red and white cow, 9 years old; valued at \$12 accompanied with a 5 months old calf.

COW Taken up by J M White in Shannon tp. Nov. 18, 1 red and white cow, both tall, left horn partly broken off, 5 years old; valued at \$16.

HORSE Taken up by Barney Langan in Shannon tp. Nov. 4, 1 chestnut-sorrel horse, bald face, 3 white feet, branded L on both shoulders, 6 years old; valued at \$30.

BULL Taken up by James A Page in Grasshopper tp. Nov. 14, 1 yellow-spotted bull, 2 years old; valued at \$15.

COW Taken up by J Stickler in Lancaster tp. Dec. 7, 1 brind cow, left horn broken down, 8 years old; valued at \$15.

COLT Taken up by Mrs Matilda Plummer in Grasshopper tp. Nov. 1, 1 light iron-gray mare colt, left hind foot white, white stripe in face, 3 years old; valued at \$45.

### Woodson county—H. S. Trueblood, clerk.

COLT Taken up by Karl Weis in Liberty tp. Dec.

6, 1 sorrel colt, 2 years old, 13 hands high; valued at \$20.  
STEER Taken up by Charles Welele in Liberty tp. Dec. 6, 1 red steer, 3 years old, white spot in forehead, branded on right horn with letter B; valued at \$30.  
HEIFER Taken up by T H Davidson in Center tp. Nov. 23, 1 small yearling heifer, red and white with white spots on forehead; valued at \$12.  
STEER Taken up by E J Demond in Eminence tp. Nov. 27, 1 yearling roan steer, no marks or brands; valued at \$15.  
COW Taken up by Wilson Totman in Perry tp. Nov. 30, 1 brind cow, 7 years old, valued at \$22.50.  
STEER Taken up by George W Allen in Liberty tp. Nov. 19, 1 red and white steer, hole and slit in each ear; valued at \$20.

### Linn county—J. H. Madden, clerk.

STEER Taken up by J M Slight Potot in Nov. 24, 1 red yearling steer, white belly, branded with cross or star on left hip; valued at \$13.  
HEIFER Taken up by M P Melindy in Potot in Dec. 2, 1 red yearling heifer, white in forehead and on belly, no marks or brands; valued at \$15.  
HEIFER Taken up by G E Lanning in Liberty tp. Dec. 18, 1 dark red heifer, 2 years old, outer edge of ears frozen; valued at \$15.  
STEER Taken up by D Honn in Potot in Dec. 12, 1 dark red steer, crop and underbit in right ear, underbit in left ear.  
HEIFER Also by same, 1 small red 2 year old heifer crop off one ear and crop and swallow fork in the other; valued at \$35.  
STEER Taken up by I N Bannister in Potot in Dec. 4, 1 small red 2 year old steer, point of left ear either cropped, frozen or bitten off; valued at \$18.  
STEER Taken up by A J Campbell in Blue Mound tp. Dec. 2, 1 pale red 2 year old steer, crop off left ear, underbit in right, branded O on right hip; valued at \$18.

HEIFER Taken up by S S Shumaker in Blue Mound tp. Dec. 2, 1 red and white yearling heifer, no marks or brands; valued at \$12.

### Greenwood county—J. W. Kenner, clerk.

STEER Taken up by I B Horton in Pleasant Grove tp. Nov. 3, 1, 2 or 3 year old steer, white spot in forehead, no marks or brands; valued at \$16.

HEIFER Taken up by E A Burr in Janesville tp. Nov. 1, 1 yearling heifer, roan with red neck, no marks or brands; valued at \$15.

STEER Taken up by Fred Stuber in Fall River tp. Nov. 16, 1 red and white spotted steer, unknown brand on right hip, supposed to be 3 years old; valued at \$30.

HEIFER Taken up by Dennis D O'Connor in Shell Rock tp. Nov. 22, 1 yearling heifer, red, belly and hind legs white, white on tail, sharp horns turned out, no marks or brands; valued at \$15.

STEER Taken up by J W Davidson in Eureka tp. Nov. 24, 1 red and white or speckled roan 2 year old steer, no marks or brands; valued at \$25.

STEER Taken up by M P Osborn in Lane tp. Nov. 24, 1 yearling steer, red with some white spots, white in forehead, no marks or brands; valued at \$16.

STEER Taken up by N D Durham in Fall River tp. Dec. 4, 1 red 2 year old steer, branded with letter H on right hip, swallow fork in left ear, half crop in right ear; valued at \$25.

STEER Taken up by Thos Nelson in Fall River tp. Nov. 27, 1 red and white yearling steer, white on belly, white feet up to knees, white in forehead; valued at \$18.

STEER Taken up by O L Worley in Janesville tp. Nov. 20, 1 pale-red 2 year old steer, white spot in forehead, white on belly, shoulders flanks and tail, branded W on right side; valued at \$20.

STEER Taken up by Wm B Werford in Janesville tp. Nov. 14, 1 red 3 year old steer, underbit out of each ear, crop off right ear, valued at \$30.

STEER Taken up by F G Thrall in Janesville tp. Nov. 2, 1 small dark red yearling steer, branded on left hip, not distinguishable; valued at \$20.

STEER Also by same, 1 large red and white yearling steer, no marks or brands visible; valued at \$20.

HEIFER Taken up by A R McKean in Janesville tp. Nov. 20, 1 roan spotted heifer, hole in left ear, brand on left hip unknown, supposed to be 2 years old; valued at \$20.

STEER Taken up by F M Keeler in Salt Springs tp. Dec. 4, 1 small red yearling steer, white in forehead and on belly, branded V on right hip; valued at \$15.

COW Taken up by Timothy Boyer in Lane tp. Nov. 20, 1 roan cow, white back, dim mark on left hip, about 8 years old; valued at \$20.

HEIFER Taken up by John B Matlock in Quincy tp. Nov. 21, 1 red-roan heifer red head and neck, white spot in face, no marks or brands visible; valued at \$16.

STEER Taken up by J N Carpenter in Quincy tp. Dec. 2, 1 black brown and white yearling steer, no marks or brands visible; valued at \$18.

MARE Taken up by John R Whitlock in Quincy tp. Dec. 11, 1 bay mare, supposed to be 8 years old, badly scarred on both fore legs, left leg worse than right one, no other marks or brands visible; valued at \$25.

HORSE Taken up by J B Moss in Eureka tp. Sept. 20, 1 black horse, left hind foot white, collar and saddle marks; valued at \$30.

STEER Taken up by N McGilvray in Jonesville tp. Nov. 20, 1 red yearling steer, white spot in forehead, some white on flanks and tail, underbit on left ear, no brands; valued at \$18.

HEIFER Taken up by Chas Dehlinger in Lane tp. Dec. 13, 1 red yearling heifer, white spot on left shoulder, white on belly, hole in right ear.

HEIFER Taken up by C S Hall in Eureka tp. Dec. 12, 1 dark roan and brindle heifer, 1 year old, no marks or brands; valued at \$15.

HEIFER Taken up by John Willis in Eureka tp. Dec. 12, 1 light roan yearling heifer, red ears, no marks, blotch brand on left hip; valued at \$15.

HEIFER Taken up by T R Bailey in Eureka tp. Dec. 7, 1 red yearling heifer, some white on belly, crop off left ear, indistinct brand on left hip, no other marks or brands; valued at \$15.

### Shawnee county—J. Lee Knight, clerk.

MARE Taken up by James M Hughes in Dover tp. Nov. 1, 1 brown 2 year old brown mare, white spot in forehead, white hip; valued at \$20.

COW Taken up by Wm Amy in Williamsport tp. Dec. 20, 1 red cow, spot on forehead, 8 years old, white spot on flank; valued at \$20.

STEER Taken up by Hiram Whitlow in Tecumseh tp. Dec. 19, 1 red yearling steer, ring in left ear; valued at \$12.

### Nemaha county—Joshua Mitchell, clerk.

HEIFER Taken up by Patrick Corny in Granada tp. Nov. 25, 1 red heifer white strip between horns, some white on belly, marked with smooth crop off each ear, 2 years old; valued at \$15.

HEIFER Also by same, 1 white 2 year old heifer, no marks or brands; valued at \$15.

HEIFER Taken up by C E Vanamburgh in Wetmore tp. Nov. 17, 1 red yearling heifer, a little white on belly and on inside of left hind foot, crop off left ear; valued at \$15.

STEER Taken up by D R Thomas Harrison tp. Nov. 7, 1 pale red yearling steer, no marks or brands, valued at \$16.

COW Taken up by Peter Villman in Neuchatel tp. Nov. 24, 1 gray cow about 6 years old, no marks or brands; valued at \$25.

COW Also by same, 1 red and white spotted cow about 7 years old; valued at \$25.

COW Taken up by Paul Junod in Neuchatel tp. Dec. 1, 1 white cow, about 7 years old, branded M on left hip; valued at \$20.

FILLEY Taken up by Edward Flaherty in Red Vermillion tp. Nov. 17, 1 bay filly, rather small in size, 2 years old, 3 white feet, 2 hind feet white to pastern joint, left fore foot white to pastern joint, a white spot in face and nose, a little white in forehead, no other marks or brands; valued at \$25.

STEER Taken up by R A Brown in Harrison tp. Nov. 14, 1 deep red yearling steer, white on belly and end of tail; valued at \$16.

STEER Taken up by T D Webster in Harrison tp. Nov. 8, 1 red yearling steer, white in flank and shoulder; valued at \$20.

BULL Taken up by John Radford in Harrison tp. Nov. 27, 1 roan yearling bull, white on flank and shoulder; valued at \$16.

MARE Taken up by W N Brownlee in Granada tp. Nov. 22, 1 iron-gray mare, 4 years old, 1 fore foot almost white, harness marks; valued at \$65.  
COW Taken up by C F Liebigh in Granada tp. Dec. 1, 1 red cow, 5 years old, white spot in forehead, mark on left hip that must have been made with dope, paint or tar; valued at \$18.  
HEIFER Taken up by P A Wright in Gilman tp. Nov. 28, 1 white heifer, 2 years old, branded on left hip with letter M; valued at \$20.

### Biley county—F. A. Schermerhorn, clerk.

HEIFER Taken up by A G Larson in Fancy Creek tp. Dec. 20, 1 brown yearling heifer, some white on belly and bush end of tail, and of left ear cut off, no other marks or brands.

### Franklin county—A. H. Sellers, clerk.

COW Taken up by W J Kelley in Ottawa tp. Nov. 15, 1 dark red cow, 6 or 7 years old, indistinct brand on right hip; valued at \$20.

COW Taken up by A D Bell in Harrison tp. Dec. 4, 1 red cow, white hind feet, white on flank, 6 years old; valued at \$25.

FILLEY Taken up by G C Aiken in Richmond tp. Dec. 1, 1 bay filley, 2 years old, front hoofs split, no other marks; valued at \$40.

STEER Taken up by E G Scott in Greenwood tp. Dec. 7, 1 light roan yearling steer, branded W on right hip, no ear marks; valued at \$15.

CALF Taken up by J B Cornelius in Pottawatomie tp. Dec. 8, 1 yearling heifer calf, roan, no marks or brands; valued at \$12.

### Chautauque county—C. M. Knapp, clerk.

STEER Taken up by Wm H West in Canaville tp. Dec. 3, 1 red and white spotted steer, supposed to be 2 years old, no marks or brands; valued at \$18.

STEER Taken up by L L Daugherty in Salt Creek tp. Dec. 10, 1 steer, supposed to be 3 years old, red sides, white on back and belly, hole in right ear, swallow fork in left, branded O and T; valued at \$25.

STEER Taken up by Joseph Hawkins in Lafayette tp. Dec. 9, 1 red yearling steer, star in face, appears to be branded on left hip with J H, undercrop in each ear; valued at \$15.

HEIFER Taken up by W A Davis in Summit tp. Dec. 10, 1 red heifer, white in face, white on belly, upper slope off right ear, crop off left ear, 2 years old; valued at \$16.

HEIFER Also by same, 1 white heifer, 2 years old, red neck and head, white face, red legs up to knees, branded with letter D on left hip; valued at \$15.

HEIFER Also by same, 1 roan heifer 2 years old past, speckled, no ear marks or brands perceivable; valued at \$12.

HEIFER Taken up by W S Pile near Sedan City, Dec. 8, 1 heifer, 2 years old, red brindle sides, white belly, white in forehead, bush of tail white, no ear marks or brands; valued at \$15.

HEIFER Also by same, 1 heifer, has pale red sides, white spot on upper point of right shoulder, white in forehead, bush of tail white, no ear marks or brands; valued at \$15.

Kingman county—Charles Rickman, clerk.

COW Taken up by J E Lourwood in Bennett tp. Nov. 28, 1 red cow, branded T on left side and H on right hip; valued at \$27.50.

COW Also by same, 1 roan cow, branded as above; valued at \$25.

HEIFER Also by same, 1 red, 2 year old heifer branded as above; valued at \$22.

STEER Also by same, 1 red 2 year old steer, branded as above; valued at \$22.

HEIFER Also by same, 1 red yearling heifer, branded as above; valued at \$18.

HEIFER Also by same, 1 red yearling heifer branded as above; valued at \$18.

Strays for week ending Jan. 17, 1888

Douglas county—N. O. Stevens, clerk.

HEIFER Taken up by W Messenhimer in Marlon tp. Nov. 11, 1 red yearling heifer, white spot on forehead, white on each hind leg, white on belly; valued at \$12.

Greenwood county—J. W. Kenner, clerk.

STEER Taken up by O C Crookham in Eureka tp. Nov. 20, 1 white yearling steer, red ears and neck, no marks or brands; valued at \$15.

HEIFER Taken up by J H Tulstone in Eureka tp. 1 light roan 3 year old heifer, no marks or brands; valued at \$16.

Chase county—S. A. Breese, clerk.

STEER Taken up by F V Alford in Bazaar tp. Nov. 27, 1 yearling steer, dark red, some white spots and white face; valued at \$20.

HEIFER Also by same, 1 red-roan yearling heifer, some white on belly and white face; valued at \$15.

Johnson county—Frank Huntoon, clerk.

COLT Taken up by George Moss in Spring Hill tp. Nov. 28, 1 light bay horse colt, 2 years old last spring 4 white feet, star on forehead and snip on nose, about 15 hands high, no other marks or brands perceivable; valued at \$60.

Ottawa county—W. W. Walker, Jr., clerk.

MARE Taken up by W F Clendennen in Bennington tp. Dec. 6, 1 roan mare, 10 or 12 years old, about 15 hands high; valued at \$20.

Montgomery county—Ernest Way, clerk.

MULE Taken up by J E Stone in Caney tp. 1 brown mare mule, 12 years old, 15 hands high, collar-marks on both shoulders; valued at \$50.

COLT Taken up by A K Brent in Fawn Creek tp. 1 dark bay mare colt, 6 or 7 months old, branded on right flank with letter S; valued at \$15.

Brown county—John E. Moon, clerk.

COW Taken up by G W Dunson in Irwin tp. Nov. 5, 1 white cow, 3 years old, red ears and red specks on each side of neck, bush off end of tail, followed by sucking calf; valued at \$30.

HEIFER Taken up by W F Phillips in Morrill tp. Nov. 1, 1 dark roan 3 year old heifer, white spots on back, right ear off, left ear notched, branded M or W on right hip; valued at \$20.

HEIFER Taken up by Merchant W Willard in Morrill tp. Nov. 1, 1 red and white 2 year old heifer, no marks or brands; valued at \$18.

MULE Taken up by Cnas Smith in Powhattan tp. Aug. 1, 1 black 2 year old mare mule; valued at \$60.

MULE Taken up by Geo T Woodmunsee in Hiawatha tp. Dec. 9, 1 brown mare mule, white hairs on left leg, about 3 years old; valued at \$80.

STEER Taken up by B W Graybill in Morrill tp. Nov. 1, 1 white steer, red specks all over, nose and ears red, 2 years old, no marks or brands; valued at \$15.

STEER Taken up by Barney McGuire in Powhattan tp. Dec. 28, 1 red and white steer 2 years old last fall small size, no marks or brands; valued at \$25.

Wyandotte county—D. R. Emmons, clerk.

HEIFER Taken up by Steven Lancaster in Wabamare tp. Dec. 9, 1 brown heifer in Valley tp. Nov. 28, 1 sorrel mare, about 14 hands high, star on forehead, about 9 or 10 years old, branded, supposed to be 69.

Usage county—C. A. Cottrell, clerk.

STEER Taken up by J D W Jones in Arvonia tp. Jan. 5, 1 red-roan yearling steer, no marks or brands; valued at \$20.

COW Taken up by Wm Cary in Dragoon tp. Nov. 10, 1 bright red 5 year old cow, branded W on right hip brush of tail gone; valued at \$20.

STEER Taken up by H T Briggs in Fairfax tp. Dec. 15, 1 red yearling steer, no marks or brands; valued at \$15.

Leavenworth county—J. W. Niehaus, clerk.

HEIFER Taken up by John Rogers in Alexandria tp. Nov. 6, 1 red and brown heifer, about 20 months old, no marks or brands; valued at \$12.

Cowley county—J. S. Hunt, clerk.

HORSE Taken up by J A Patterson in Walnut tp.

Dec. 22, 1 black gelding horse, 15 or 16 hands high, white spot in forehead, slight collar marks; valued at \$20.  
see tp. Dec. 14, 1 red heifer, little white under belly, supposed to be 4 years old, underbit in right ear; valued at \$25.

MARE Taken up by John Huer Dec. 21, 1 bay mare, 3 years old, black mark and tail, small white strip in face, about 14 hands high, heavy build, no other marks or brands; valued at \$45.

HORSE Taken up by C C Brooks in Mission Creek tp. Dec. 15, 1 bay horse, 3 years old, white spot on nose, white strip on forehead; valued at \$25.

COW and CALF Taken up by Arthur Brown in Mission Creek tp. Dec. 8, 1 roan cow and sucking calf, branded O on left hip, notch in right ear; valued at \$30.

MARE Taken up by Thomas M Buncer in Rock Creek tp. Dec. 22, 1 black pony mare, 8 years old, 14 hands high, white spot on forehead, white strip on nose, large blemish on right knee, branded A S on left shoulder; valued at \$20



## THE STRAY LIST.

(Continued from page 15.)

Strays for week ending Jan. 24, 1883

Bourbon county—L. B. Welch, clerk.

COW Taken up by Darwin Walrod in Freedom tp. 1 red cow, white spot in face, some white in flanks and belly, 4 years old; valued at \$25.

STEER Taken up by W F Ramsey in Marion tp. 1 white steer, red spots on either side, crop off left ear, underbit in right ear, 3 years old; valued at \$30.

COW Taken up by David E Hulse in Scott tp. 1 red cow, white face and belly, white spots on right hip, branded G on left hip; valued at \$15.

COW Taken up by John E Allison in Scott tp. 1 roan cow, crop off both ears, underbit in right ear, indistinguishable brand on hip; valued at \$30.

MARE Taken up by R C Skinner in Pawnee tp. 1 sorrel mare, 15 years old, hind feet white; valued at \$30.

HEIFER Taken up by J J Keasling in Franklin tp. 1 heifer, red spotted neck, red legs to knees, crop off left ear, upperbit out of right ear, branded heart on right hip; valued at \$30.

HEIFER Taken up by Joseph Mercer in Franklin tp. 1 white yearling heifer; valued at \$20.

HEIFER Also by same, 1 red heifer with hump on right side, 1 year old; valued at \$20.

MARE Taken up by Mrs M Pratt in Scott tp. 1 small, light bay pony mare, white strip in face, some white on one hind foot; valued at \$20.

COW Taken up by Francis Ferree in Scott tp. 1 red cow, white on belly, crop off each ear slit in left ear, end of each horn cut off; valued at \$15.

Jackson county—John Q. Myers, clerk

STEER Taken up by W R Weeks in Liberty tp. Jan 1 '83, 1 red and white yearling steer, underhalf crop in left ear, dim brand on right side behind shoulder; valued at \$15.

STEER Taken up by Peter Bryant in Grant tp. Jan. 12 '83, 1 red and white 2 year old steer, no marks or brands; valued at \$25.

HEIFER Taken up by Norman Wheeler in Franklin tp. Jan. 15 '83, 1 roan heifer, about 4 years old, white face, place out lower part right ear, indistinguishable brand, has bell with piece of iron for clapper; valued at \$30.

STEER Taken up by Lucy J Wheeler in Franklin tp. Dec. 26 '82, 1 roan yearling steer calf; valued at \$12.

STEER Taken up by C J Howell in Franklin tp. Dec. 8 '82, 1 white steer, about 3 years old, branded with straight mark on left side about half way between hip and shoulder; valued at \$30.

Lyon county—Wm. F. Ewing, clerk.

STEER Taken up by H T Sworer, Americus tp. Dec. 12, 1882, one dark red three-year-old steer, white spot on right flank, brand: CX with bar above on left side, and underbit in right ear; valued at \$25.

Wabunsee county—D. M. Gardner, clerk.

HEIFER Taken up by Christ Wertsberger in Washington tp. Dec. 15 '82, 1 red 2 year old heifer, white star in forehead, white under belly, a few white spots on right hind leg, tail white about half way up; valued at \$15.

STEER Taken up by Henry Easter in Wilmington tp. Jan. 2 '83, 1 red and white yearling steer, half crop off left ear, no other marks or brands; valued at \$20.

Cherokee county—J. T. Veatch, clerk.

COW Taken up by F Fulkerson in Neosho tp. Dec. 16 '82, 1 blue roan cow, about 4 years old, marked with swallow fork in each ear, branded cross on right side; valued at \$20.

Coffee county—R. H. Adair, clerk.

STEER Taken up by H H Middlebush in California tp. 1 red 2 year old steer, some white under belly, brush of tail white, no marks or brands; valued at \$27.

STEER Taken up by Chas Brown in Pottawatomie tp. 1 red roan and white 2 year old steer, no marks or brands; valued at \$23.

STEER Taken up by Wm Graybeal in Pleasant tp. 1 red yearling steer, white face, bush of tail white, spot on rump, branded H on left hip; valued at \$15.

STEER Taken up by Geo. H Hedrick in Burlington tp. 1 red yearling steer, white under belly, white hind feet; valued at \$12.

STEER Taken up by James Jacobs in Pleasant tp. 1 white steer, 1 1/2 years old, red ears, pale red on neck, no marks or brands; valued at \$15.

STEER Also by same, 1 red steer 1 1/2 years old, some white on shoulder and rump, legs mostly white; valued at \$15.

COW Taken up by Sarah McMullen in Neosho tp. 1 light roan cow, white hips, white spot in forehead, slit in right ear; valued at \$15.

STEER Taken up by 18 Lebo in Pleasant tp. 1 red yearling steer, swallow fork in right ear, branded on right hip supposed to be T H; valued at \$13.

STEER Taken up by Lewis DeWitt in Neosho tp. 1 red and white yearling steer; valued at \$13.

STEER Taken up by Jesse Werts in Liberty tp. 1 red and white spotted 2 year old steer, branded figure 6 on left hip; valued at \$25.

Miami County—J. C. Taylor, Clerk.

STEER Taken up by J D Stevens in Osage tp. Dec. 29 '82, 1 pided yearling steer, swallow fork in right ear, smooth crop and underbit in left ear, right horn broken off; valued at \$15.

STEER Taken up by Lewis Lee in Richland tp. Jan. 4 '83, 1 pale red yearling steer, tip end of tail white, no marks or brands visible; valued at \$18.

COW Taken up by G E DeForest in Miami tp. Jan. 3 '83, 1 red and white cow, white face, about 6 years old, unknown brand on left hip; valued at \$15.

HEIFER Taken up by S A Thomas in Valley tp. Nov. 4 '82, 1 red 3 year old heifer, white spot in forehead, branded S on left hip; valued at \$15.

HEIFER Also by same, 1 red and white 3 year old heifer with calf, no marks or brands.

Crawford County, A. S. Johnson, county clerk

PONY Taken up by O F Smilie in Washington tp. Dec. 16 '82, 1 sorrel mare pony, 4 years old, branded on right thigh with letters A. T. blaze in face running down to point of nose, 4 white feet; valued at \$15.

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