

KANSAS FARMER

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BREEDERS' DIRECTORY.

Cards of four lines or less, will be inserted in the Breeders' Directory for \$15.00 per year, or \$8.00 for six months; each additional line, \$2.50 per year. A copy of the paper will be sent to the advertiser during the continuance of the card.

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M. B. KEAGY, Wellington, Kas., breeder of English Berkshire hogs of the best families a specialty. Fifty head for this season's trade. Also select Plymouth Rock and S. C. B. Leghorns, Toulouse geese, Pekin ducks. Birds and eggs in season. Inspection and correspondence invited. Mention KANSAS FARMER.

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BERT E. MEYERS, Wellington, Kas., breeder of B. Langhans, B. Minorcas, Bronze Turkeys, Pekin Ducks, V. White Guineas. Young stock for sale. Birds score from 93 to 99 by Emery. Mention FARMER.

TOPEKA POULTRY YARDS.—L. E. Pixley, Emporia, Kas., breeder of Wyandottes, B. B. Games, P. Rocks, B. and W. Leghorns, Buff Cochins and Pekin Ducks. Eggs and birds in season. Write for what you want.

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CATTLE AND SWINE.

J. H. TAYLOR, Pearl, Dickinson Co., Kas., SHORT-HORN, Poland-Chinas and Bronze turkeys.

HOLSTEIN CATTLE. All ages, for sale. A few fancy-bred young bulls.

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BERKSHIRES and POLAND-CHINAS. Fancy-bred pigs at low prices. Write for catalogue and prices. Visit Connors, Wyandotte Co., Kas., for Holsteins and Poland-Chinas, and Hoge, Leavenworth Co., Kas., for Shropshires and Berkshires. KIRKPATRICK & SON.

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ASHLAND STOCK FARM HERD OF THOROUGHbred Poland-China hogs, contains animals of the most noted blood that Ohio, Indiana and Illinois contains. Stock of both sexes for sale sired by Bayard No. 4693 B, assisted by two other boars. Inspection of herd and correspondence solicited. M. C. Vansell, Muscatoh, Atchison Co., Kas.

H. E. GOODSELL, Tecumseh, Shawnee Co., Kas., breeder of thoroughbred Berkshire swine. Stock for sale, both sexes, at reasonable prices. Write for what you want.

BLUE VALLEY STOCK FARM.—H. C. Stoll, Beatrice, Neb., breeder of Poland-China, Chester White, Small Yorkshire, Essex and Jersey Red swine. A choice lot of pigs for sale. State what you want. All inquiries answered.

T. C. TAYLOR, Green City, Mo., has fifty head of registered Poland-China pigs for this season's trade at farmers' prices. Inspection of stock and correspondence desired.

TOPEKA HERD OF LARGE BERKSHIRES.—Hogs of all ages and at all prices. H. B. COWLES, Topeka, Kas.

J. C. CANADAY, Bogard, Carroll Co., Mo. The best of improved Chester White pigs for registered Ohio stock for sale. Boars ready for service, sows in pig. Stock guaranteed. Correspondence solicited.

SWINE.

G. A. R. HERD.—Jas. Purcell, Piqua, Woodson Co., Kas., breeder and shipper of registered Poland-China swine of the most fashionable strains. Herd consists of 150 head. Can supply show pigs or sows bred, as desired. Correspondence invited.

12 BLUE RIBBONS at Southern Kansas Fair. We have the choicest lot of Poland-Chinas we ever raised. Send for price and description. Stewart & Cook, Wichita, Kas.

HOGS Duroc-Jerseys. Best prize stock for PIGS sale. C. J. STUCKEY, ATLANTA, ILL.

REGISTERED BERKSHIRES.—I will sell pigs, either sex, from my best show sows. Write for particulars. Chas. Ernest, Fostoria, Ohio.

CLEVELAND ELLER, Clay Center, Neb., breeder of Duroc-Jersey Red and Poland-China hogs of the very best blood. Pigs or sows bred for sale. [Mention this paper.]

KC BAKING POWDER.

25 OZS. FOR 25 C.

ABSOLUTELY PURE. JUST TRY IT.

F. F. JAGUES & CO., MANUFACTURERS, KANSAS CITY, MO.

Agricultural Matters.

ROCKY MOUNTAIN FARMING--NO. 4. *Special correspondence KANSAS FARMER.*

Interested parties who hear of or see the wonderful valleys and parks which lie high up in the main ranges of the Rocky mountains, and the almost tropical growth of vegetation which is always found there, frequently ask the question, is not this a fine place for stock-raising?

In spite of the fact that the pasturage is of the best during the summer months, and in spite of the fact that there are at present large numbers of cattle and horses in the mountains, this question must be answered in the negative.

Owing to the tremendous snowfall in the high altitudes where the bunch grass flourishes it is impossible to winter stock here without artificial shelter and ample preparation in the way of a food supply. In that grand plateau region which lies between the Grand and the White rivers in northwestern Colorado, for instance, there is probably no finer growth of summer pasturage in the West. The snowfall, however, ranges from five to fifteen feet in depth on the level, and, as the region is heavily timbered and the snow consequently protected from the sun, it is quite late in the season before this country is accessible to range stock. Again, as the precipitation in this region seems to be largely confined to the colder months, there is a difficulty in finding a sufficient water supply for the stock during the summer. None of this land is available for crops, and hence the stock must be wintered in the valleys. These valleys, where farmed at all, are largely devoted to wheat, oats and alfalfa, all of which must be raised upon the limited areas available for irrigation, and as these crops command a high price in the bulk, it is found to be unprofitable, if not impossible, to winter stock in numbers upon them. The range stock are simply driven down from the mountains upon the approach of cold weather and left to "rustle" among the willows, cottonwoods and sage brush of the valleys until the following June, when they again return to the mountains. The cattle thus grown become enormously fat during the grass season and are reduced to the verge of starvation during the winter and spring. The writer has never seen, even in the corn and bluegrass regions of the country, cattle which presented a better appearance and which seemed in every way in better condition than these same grass-fed steers of the mountain parks, but the change from the rich pasturage of the higher parks to the poor, coarse vegetation of the valleys causes them to fall off rapidly, and the dried-up carcasses and the bleaching skeletons which so plentifully strew these valleys tell tales of the other side of cow life and of the heavy losses to which the cattleman is subjected in this locality. A prominent ranchman—a formerly-of-Kansas man—is responsible for the statement that in this manner of handling stock it requires at least five years to bring a steer to proper maturity and development for marketing. And, while the cost of producing this steer is reduced to a minimum (if he lives), the probability of heavy losses during the winter season makes of the business a somewhat precarious one, so far as cattle-raising is concerned. This gentleman is now shipping his cattle to Kansas to winter and feed for the spring market.

If horses were raised and the efforts of the owners are confined to the breeding and raising of "native" animals a good degree of success may be attained. The horses cannot winter in the higher altitudes any better than the cattle, but the tough, wiry ponies of the country

seem much better able to "rustle" upon the forage to be found in the valleys than are the cattle. This is also true to a considerable extent when the animals in question are the offspring of large "American" horses and native dams, and one may well conclude that the ordinary "range" animal may be very successfully raised here.

While these animals are not of the best, either for the purposes of the farmer or of the business man, they are most admirably adapted to the necessities of the herder. They are tough, wiry, sure-footed and good climbers, and fill a most useful place in the ranch and the cow camp. They exist and mature with the minimum of attention and care as compared with horse-raising elsewhere, and so are considered fairly profitable.

Possibly the most profitable kind of stock-raising in a limited way in this locality is that of raising burros or "jacks" for use in pack trains. These little animals are wonders in intelligence, patience, strength and endurance. The owner of a large herd, who has been in this business for many years past, is authority for the statement that he gives his burros absolutely no care whatever except to drive them to the lower valleys upon the approach of snowy weather in the fall. During the remainder of the year they care for themselves. They live to a great age—one in use by the owner referred had reached the known age of forty years—and are capable of carrying heavy loads with almost no outlay for their keep. They range in price from \$10 for an unbroken colt to \$30 for an especially good animal. The owner just referred to had but lately sold a bunch of thirty head of burros at \$17.50 each, "taken as they come," from the range. Allowing \$15 per head as the average price, and considering the fact that they are absolutely self-supporting during the growing period, it will be seen that the owner can have a source of income which will not require his attention from other business to any considerable degree and which will yet prove to produce a high rate of interest upon the capital invested.

I. D. GRAHAM.

Improving Seeds.

"The improvement of seeds of every cultivated plant must largely depend upon individual farmers," says A. B. Barrett, in the *American Cultivator*. "The good, healthy seed which stations or the government may recommend will not produce its like upon all soils. It is under certain conditions which cannot always be understood or specified that seed will produce corn of equal value. The true work of progressive farming here comes in. Select first as seed some good, healthy variety, which has been established long enough to deserve the name of standard, and then begin with the intention of improving the seed until it becomes so well adapted to the soil on which it is cultivated that no other variety will do. Only select the best seed, whether it be potatoes, corn, wheat, cotton or any other plant, and conduct a small seed garden of your own. This seed plot should be far away from the main crop, so that interpollination cannot take place. By repeating this process of eliminating undesirable qualities and encouraging the desirable ones the best varieties have been established.

"These seed plots should have good soil, the best of cultivation and careful irrigation. All the dwarfed or unpromising stalks should be clipped off before the tassels appear, and when the ears begin to form go through the field again, and mark all of those which come the nearest to your ideal of good corn. One more selection is made, and that is at maturity. Be careful to reject every ear that has any flaw in it, or shows any tendencies to unpromising qualities.

"These selected ears should be planted in an entirely different place the following year, and the same course of selection gone through with. Repeat this for several years, and you will succeed in establishing a variety that is better adapted to your soil than any of

the widely advertised kind. The great object of this is to supplement the work already begun at the stations. It makes one study the needs of the corn, and to study the composition of his soil. In the course of time it greatly adds to one's stock of knowledge concerning his crops. He takes an intelligent interest in the gradual improvement in his corn. While he may not be able to discover a new variety that will rival those already in existence, he can safely trust that he will discover just the corn for his own farm. Farmers, as a rule, do not think enough of the fact that what answers for one locality cannot be equally true of all."

Waste in Extensive Farming.

The farmer of the Eastern States, when visiting his friends in the Western part of the agricultural region, says a correspondent in the *National Stockman and Farmer*, is impressed with the great waste on so many of the farms of that region. The extensive farming seems to imply that not only the farming is to be done on an extensive plan, but it implies that the waste should be in proportion to the extensive business done. On every hand is seen this wanton waste, and it has become so great in some of more settled portions that it has become visible to the very farmers who have been permitting such waste to be the order on their farms.

It is quite common to see on the farms of western Iowa the past season a great waste in fruit and potatoes. Apples lie under the trees and are wasted. The excuse for this is that there is no market for them, and the farmers not being compelled to find one do not know, nor do they attempt to learn, how to utilize so much fruit. They have never studied the matter of economy, simply because they have not been compelled to do so. The cider press is brought in some of the orchards, and a great deal of the surplus is made into cider; but what to do with the cider is as great a problem as to dispose of the apples, as it is not allowed to be sold for beverage under the prohibitory law. A fruit evaporator is one thing unknown to the farmers of this vicinity, hence it cannot be said to assist in this line of economy.

Potatoes are grown in large fields and are harvested by machinery, and the tubers are picked up by boys and girls employed from the villages and towns, and there are enough potatoes left in the fields to keep the families of all the people employed in the potato harvest. Of course they are gathered some better when the price is ballooning, but the waste is quite great in times of low prices. At the shipping places they can be seen lying on the ground in large quantities, and the men and boys employed in loading amuse themselves in throwing them at dogs and passersby. This waste is not confined to these two crops alone, but it is manifest in nearly all the crops grown in the West.

When the wheat harvest approaches the field is opened with the self-binder, to which are hitched five horses, and the grain trampled down by them is sometimes left in the field to balance up one side of the ledger of "profit and loss." The grain in many of the large wheat fields is shocked in a bungling manner, and is left in this condition until the thresher comes around, which in some instances is so long that the wheat is damaged by rains, or is allowed to become bleached and quite a large per cent. of it is taken by the birds and mice. It is no uncommon sight to see in many of these fields bundles which have been left by the careless hands employed at threshing time.

Waste is not confined to the crops mentioned, but it is seen everywhere. Where the oats are unloaded in the granary is to be seen a great pile which the man has thrown over. These are left to grow if the weather is wet, and are not even so much as gathered up and given to the hogs. There is no time to do this kind of work. Corn is treated in the same way, there being nearly enough of this grain left in the field to pay the huskers for all the time they have been engaged at this work. The straw is poorly stacked or burned, and is wasted. Our farmers need a few lessons in economy. This they will learn when compelled to by means of unfertility of the soil and when the matter of intensive farming presents itself.

When, from any cause, the digestive and secretory organs become disordered, they may be stimulated to healthy action by the use of Ayer's Cathartic Pills. These Pills are prescribed by the physicians, and are for sale at all the drug stores.

The Stock Interest.

AMERICAN LIVE STOCK ASSOCIATION.

The delegates appointed by the several horse, cattle, sheep and swine breeders' associations, met at the Grand Pacific hotel, November 20, 1891, at 8 o'clock p. m. The meeting was called to order by Hon. Charles E. Leonard, of Missouri, who nominated T. W. Harvey, of Chicago, who was duly elected as temporary chairman.

Mr. Harvey, on taking the chair, said: "Gentlemen, this is a meeting called more for the purpose of conference, and to consider the best plan for organization. It is the outgrowth of two other meetings which have been held, and at both of which it was suggested that the breeders of live stock could greatly advance the breeding interests by a permanent organization. A plan has been outlined, which I will read: 'The meeting of a number of prominent representatives of the various cattle breeders' associations held in this hotel, on last Monday evening, formulated the outline of an organization to be composed of the societies of the United States, representing the several pure and recognized breeds of domestic animals. The objects of said organization are to secure the co-operation of the several societies in all matters that tend to elevate the standard in registration, and the encouragement of such efforts as will insure a higher degree of excellence in form, quality and commercial value of the stock produced in the United States.'

"The commerce in the improved breeds of domestic animals in all portions of the United States is susceptible of great extension through the active and hearty co-operation of the various live stock breeding associations. An earnest and determined effort can be made through this central organization in the direction of developing new and profitable markets for our surplus stock in home and foreign fields.

"There is much in the way of State and national legislation that can be effected through the united efforts of the live stock societies interested in this organization, that will greatly promote the interests of breeders in the way of transportation, sanitary measures, punishment of fraud in the fabrication of pedigrees, and other matters equally apparent to each gentleman present.

"The advantages growing out of the exhibition of the improved breeds of stock at State and national fairs can be greatly increased through the efforts made by this central organization. Desirable changes in classification of prizes for exhibits of live stock would follow, rules and conditions of award would receive needed attention, and the number of exhibits and interest in the same would be greatly increased by co-operative effort."

Col. Charles F. Mills, of Springfield, Ill., was nominated and unanimously chosen to act as temporary Secretary, who read the call for the meeting, prepared by the officers of the previous meeting and sent to each of the live stock associations, who advertised meetings to be held during the continuance of the Fat Stock Show, viz.:

Gentlemen:—At a meeting of live stock breeders, held at the Grand Pacific hotel, Monday, November 16, 1891, a resolution was adopted that a committee be appointed to prepare a plan for a permanent organization of all the live stock associations representing the several pure and recognized breeds of domestic animals and the general interests of live stock.

The committee was appointed, met together, and beg leave to submit the enclosed plan of organization for your consideration. It will be the duty of your representatives to organize and prepare a constitution and by-laws for the final government of this general association.

LA FAYETTE FUNK, Chairman.

C. B. STUART, Secretary.

The committee, consisting of W. A. Harris, of Kansas; J. H. Pickrell, of Illinois; N. H. Gentry, of Missouri; Mortimer Levering, of Indiana; N. P. Clarke, of Minnesota; T. B. Wales, of Iowa; A. B. Foster, of Minnesota; H. H. Clough, of Ohio; LaFayette Funk, of Illinois, and Charles B. Stuart, of Indiana, formulated the following plan of the proposed organization, and forwarded a copy of the same to the several live stock associations, viz.:

NAME.

The Live Stock Association of the United States.

OBJECTS.

1. To represent and promote the live stock interests of the United States.
2. To represent, foster and protect all associations which are organized and

maintained for the purpose of perpetuating and recording the pedigrees of animals of a pure and recognized breed.

3. To confer and advise with the national and State authorities concerning the rules and regulations pertaining to importations and exportations of live stock of all kinds to and from the United States, and of inter-State traffic in and marketing of the same.

4. To consider and advise regarding exhibitions of all kinds, where live stock interests are concerned, and generally to confer in reference to all other matters legitimately belonging to the live stock industry of the United States.

5. Each of the different associations invited to join this association, and referred to above, shall pay the sum of \$50 as a membership fee; and after joining, each association shall have the right to name two members as representatives in said association.

6. The different organizations invited to join this association shall meet, by their representatives, on Friday, November 20, 1891, at 7:30 p. m., at the Grand Pacific hotel.

The Committee on Credentials reported three delegates from the American Shorthorn Association, American Hereford Association, American Aberdeen-Angus Association, American Galloway Association, American Percheron Association, American Clydesdale Association, American Shire Association, American Cleveland Bay Association, American Berkshire Association, and American Southdown Association, also representatives of the Holstein-Friesian Association and American Shropshire Association.

By motion, the Executive committee of this organization consists of the President, Vice President, Secretary and Treasurer, and eight members selected at the annual meeting.

The following officers were elected: President, T. W. Harvey, Chicago; Vice President, M. W. Dunham, Wayne, Ill.; Secretary, Charles F. Mills, Springfield, Ill.; Treasurer, De Witt Smith, Springfield, Ill.

The President said: "I thank the convention for the unexpected honor it has conferred upon me. The time has come when there ought to be some organization of this character for the protection of the live stock industry, which is doubtless the largest single interest in this country. Questions affecting the interests of breeders are presented from time to time that demand consultation and co-operation with State and national authorities to secure necessary legislation, or other united efforts, in many other lines of action. I, for one, believe, the United States to be the leading live stock country of the world, and in the near future will be so recognized by all nations, so far as the breeding of fine stock is concerned. A few people seem to have an idea that live stock imported to this country, and used here for a time, will deteriorate. I am fully persuaded that by our present methods of breeding, and care, the stock produced will continue to greatly improve. The breeders of England, Scotland and France are supplying our people with a great many cattle and horses, and it is greatly to be regretted that there is such a manifest tendency in Europe, in some lines of stock, to let down the barriers and open the gates for the registration of stock that is not up to the former standard in line breeding. There is a strong sentiment in this country to put the bars still higher and elevate the present standard in breeding. In the Angus Association, of which I am a member, the present rules of entry provide, that no animals be accepted for registry that do not trace to the VIIIth volume of the Angus Herd Book of Scotland, as many animals registered on the other side since the publication of volume VIII are not as purely bred. I hope that all who take part in this organization will favor high standards of registration.

The following resolutions were adopted:

Resolved, That the President appoint the following standing committees, to consist of three members each, viz.: Committee on Registration, Committee on Exhibition of Stock, Committee on Legislation, Committee on Live Stock Commerce, and a Committee on Membership.

Resolved, That the Presidents of the several societies composing this organization be requested to appoint a committee of three on Registration to co-operate with the Registration committee of this association, one member of which shall be the Secretary. Said committee to serve until their successors are chosen by their respective societies.

Resolved, That the Presidents of the several societies composing this organization be requested to appoint a committee of three on Exhibition of Stock to co-operate with the corresponding committee of this association, said committee to be composed of breeders having extended experience as exhibitors at the leading fairs. The committee to serve until their successors are chosen by their respective societies.

Resolved, That the Presidents of the several associations composing this organization be requested to appoint a committee of three on the Extension of the Commerce in Live Stock, said committee to be composed of prominent

breeders, largely interested in the extension of the trade of the United States in the improved breeds of domestic animals. The committees to serve until their successors are chosen by the respective societies.

Resolved, That the Presidents of the several societies composing this organization be requested to appoint a committee of three on Legislation, said committee to be composed of men having had experience in this line, and fully apprised of the present need of State and national legislation, calculated to promote the interests of all classes of live stock breeders. The committee to serve until their successors are chosen by their respective societies.

The President: "Dr. Salmon, Chief of the Bureau of Animal Industry, is present, and we would be pleased to hear from him and to know his opinion in reference to at least one of the resolutions adopted—that pertaining to legislation needed by the live stock interests. What, in your opinion, Doctor, could this association be expected to do in this line, that would assist you in your work?"

Dr. Salmon: "I do not know that I can give you very much of a statement on that point on such short notice. The Committee on Legislation must necessarily act according to the contingencies as they may arise. Undoubtedly points will come up from time to time that will require national legislation or action by the Department of Agriculture, in which case the department, of course, would like to advise with some committee which is authorized to speak for the live stock industry of the country. Questions of that kind are continually presenting themselves. Just now there are questions in regard to the importation of animals under the new tariff act, and questions as to the exportation of animals, and what can be done by the department to assist it. There are questions in regard to the regulations governing the shipment of animals and the fitting of ships, including the matter of ventilation, food, etc., which ought to be complied with before the vessels start. In some cases that we have had recently one set of men have requested that certain regulations be made, and another set of men have requested the enforcement of regulations exactly opposite. I remember a recent case in which a ship had not the fittings and the proper provisions for taking humane care of the animals on board; and we proposed to make the parties change their arrangements; and the next thing that occurred was a protest from a large number of live stock men in the country, accompanied by a demand that we allow that vessel to go out as it was, making it an exception to the rules. In all such cases as that it seems to me it would be very well if we could refer to some committee representing the live stock industry, and whose advice we could follow without fear of running counter to the interests of live stock raisers themselves. Of course no man or aggregation of men we are likely to have in Washington can be expected to know all the points in regard to the live stock industry of a great country like this. We are liable to act in some cases in such a way as may not be best for the industry, and as to almost every new point that comes up it would be of great value to us to have some reliable information and advice from persons authorized to speak for the industry; and if this association is so made as to comprise all the different registry associations of the United States, I think we might very well go to the Committee on Legislation, or to any other committee, which is appointed to give information in regard to such subjects, and ask their opinion on the points in question; and we might be guided by such committee in any action as to which we may be in doubt. I do not see that at this time I can go into any more details in regard to the subject. I consider that an organization of this kind, which helps the live stock industry, would be of great value to the department, as well as to the breeders, and I, myself, hope that you will be able to establish a permanent organization, and one which shall be truly representative."

The President: "The Secretary will notify the Presidents of the several associations represented here of our action on the resolutions submitted."

Charles B. Stuart: "Mr. President, it will doubtless interest the delegates present to be advised of the action taken at the meeting which suggested the permanent organization of the live stock breeders' associations of this country, and as the Secretary of the meeting, I present the same for a place in your records." [The minutes referred to were then read.]

Mr. Stuart: "I don't know that I can say anything more about that meeting than you find in the minutes. As re-

quested, notices were sent by President Funk and myself (as Secretary) to the different live stock organizations which have met in this city during the past week, and they were requested to appoint delegates to attend this meeting, and the delegates are here, in conformity with such notices. Several very interesting speeches were made at the meeting on this line of effort by Dr. Salmon, Mr. Miller, of Beecher, and others, but the principal work was the action to issue invitations to the associations to appoint delegates to this meeting."

Dr. Salmon: "There is one other point that I have had in my mind for some time that an organization of this kind might assist in, and that is, in extending the foreign market in thoroughbred animals raised in this country. I wish to have the government and the live stock organizations of this country co-operate in the extension of our sales of thoroughbred animals in Central and South America. That is a pet scheme that I have been thinking of for a long time. I think the time is coming when we shall have a good market in that direction. In the past there have been a great many obstacles in the way of starting the trade in those countries, but many changes have been made of late which seem to indicate that in a comparatively short time, if the matter is pressed, a large and profitable market can be opened up for disposing of our surplus animals of a great many different breeds, and I think if the matter was thoroughly considered a plan might be matured which would be of great value to the live stock industry of this country. That, I think, would be one of the most important matters which could be considered by an organization of this kind."

The President: "The Committee on Commerce will, of course, consider questions of that sort. I notice that Mr. Wing R. Smith, of the State Agricultural Society of New York, is present, and I would like to hear a few words from him."

Mr. Smith: "I do not know as I can say anything to help the object along any. It strikes me that you are starting off on pretty good ground, and have great objects before you as an organization. Dr. Salmon has touched on the main questions. Of course, in connection with the State Agricultural Society of New York, I come in contact with exhibitors, and meet the various stockmen, and have had my attention called to the need of such an organization as this, which, if made sufficiently general and broad, as you evidently expect to, will certainly do a great deal of good work. I would like to say for the Holstein-Friesian Association, that our President, Mr. Dutcher, who is here this evening, and I were requested at an informal meeting of our breeders yesterday to attend this meeting. That meeting of breeders was not a meeting of our association—not even an informal meeting of the association—but simply an informal meeting of breeders of our cattle, so that they had no authority whatever to appoint delegates. Our regular meeting is to be held in March."

Mr. Dutcher: "I don't know that I have anything to say in the matter. Until yesterday evening I was not aware that any organization of this kind was to be made. At the meeting to which Mr. Smith has alluded, a communication was handed me, similar to the one read here to-night, and that was the first thing I knew of it, and I thought I would attend the meeting and see what you proposed to do, and that at some subsequent time I would bring the matter before the board of officers of the Holstein-Friesian Association, or before the association itself. I have to leave in a very few minutes, and have no suggestions to make, but I have said to Mr. Smith that perhaps I shall bring the matter before the Holstein-Friesian Association; but at present I have no authority to act for them in the matter, and do not like to take any personal responsibility without consulting the association itself. That association is progressive and active, and will, I think, co-operate with other associations in anything that is going to be for the benefit of the live stock interest of the country. We have in it some very active and progressive men, who are devoting a great deal of time, energy, money, etc., to improve the breed of cattle, and I guess you will find in the end that they will cheerfully co-operate with you."

Mr. Galbraith: "I have nothing to say except that the Shire Association will

cheerfully co-operate with the others. It was brought up at our meeting the other evening, and it was unanimously decided that we should go in and do everything possible to aid the good work."

Mr. McKay: "I was delegated to attend this meeting, but I should not like to take it upon myself to speak for my association, though I am personally in favor of the organization. I would like first to consult with our other directors in the Galloway Association in regard to this matter."

The President: "Now we ought to hear from the President of the Hereford Association, Mr. Carlyle."

Mr. Carlyle: "That is not necessary, as the facts have already been published in the papers. That association is fully and heartily in co-operation and sympathy with this movement."

Mr. C. E. Leonard: "I think the possibilities of it are simply immense, and I wonder that the stockmen have not thought of this organization before, and as President of what is rather the smallest organization in this business, I am heartily in favor of it. I am President of the Jack Association. The animal is the most valuable in this country, and I am satisfied that such an association as this is just what we need to demonstrate the value of these animals."

Judge Goodwin: "It has seemed to me as I sat here this evening that this is what you might call the very center of the matter, the very highest body that could be selected in America to represent the live stock interests of this country, and it seems to me that there is a broad field before it, and that it is an organization which will find plenty of hard work, and which should reap a great benefit for our interests. As a representative of the Angus Association, I am free to say that our association is heartily in favor with this movement, and that we expect to join hands with the representatives of the other associations in taking whatever action may be necessary for the promotion of the live stock interests of America."

Subsequent to the adjournment, the following committees were appointed:

Executive committee—Geo. Findlay, Lake Forest, Ill.; J. S. Carlyle, Chicago, Ill.; R. B. Ogilvie, Madison, Wis.; Wing R. Smith, Syracuse, N. Y.; W. M. Field, Cedar Rapids, Iowa; Charles E. Leonard, Bell Air, Mo.; Mortimer Levering, LaFayette, Ind.; N. H. Gentry, Sedalia, Mo. Ex-officio—T. W. Harvey, Chicago, Ill.; M. W. Dunham, Wayne, Ill.; D. W. Smith, Springfield, Ill.; C. F. Mills, Springfield, Ill.

Committee on Legislation—Hon. D. W. Smith, Springfield, Ill.; Hon. T. W. Palmer, Detroit, Mich.; Hon. C. B. Stuart, LaFayette, Ind.

Committee on Registration—Mortimer Levering, LaFayette, Ind.; George Findlay, Lake Forest, Ill.; N. H. Gentry, Sedalia, Mo.

Committee on Commerce and Live Stock—Wing R. Smith, Syracuse, N. Y.; Charles E. Leonard, Bell Air, Mo.; J. S. Carlyle, Chicago, Ill.

Committee on Exhibition of Live Stock—M. W. Dunham, Wayne, Ill.; S. E. Prather, Springfield, Ill.; R. B. Ogilvie, Madison, Wis.

Committee on Membership—T. W. Harvey, Chicago, Ill.; George Findlay, Lake Forest, Ill.; M. W. Dunham, Wayne, Ill.

Committee on Constitution—M. W. Dunham, Wayne, Ill.; C. B. Stuart, LaFayette, Ind.; C. F. Mills, Springfield, Ill.

Committee on Incorporation—T. W. Harvey, Chicago, Ill.; J. S. Goodwin, Chicago, Ill.; C. F. Mills, Springfield, Ill.

STATE OF OHIO, CITY OF TOLEDO, ss.
LUCAS COUNTY.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & Co., doing business in the city of Toledo, county and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE.

FRANK J. CHENEY.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D. 1886.

[SEAL]

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Alliance Department.

THE NATIONAL COUNCIL.

Special Correspondence.

Two hundred delegates, representing thirty-three out of the thirty-four States and Territories organized, were present at the National Council of the Alliance, which closed its session here Saturday night. The hotels were crowded with visitors from all parts of the Union, and no estimate can be made of the attendance.

The council as a body was harmonious, and transacted a large amount of business. As is usual in conventions of the kind, a great deal of time was consumed in routine and committee work, and as the sessions were secret, there is not much to give out to the public.

The reports of the State Secretaries show an increase of over 100,000 during the past year. Since the Ocala council 748 new charters have been issued to sub-Alliances in the States of Minnesota, Arizona, Iowa, Wyoming, Wisconsin, Idaho, Delaware, Ohio, Oregon, Washington, New Jersey and New York. State charters have been issued to the following eight States: New York, Iowa, Wisconsin, Delaware, Ohio, Oregon, Washington and New Jersey.

The National Secretary reported having visited twenty-four States, and organized five of the newly-organized States. He had found the order advancing in every section, both in numbers and in unity.

The changes in the constitution are all minor ones, excepting the change in the National Legislative committee as now constituted. Instead of being composed of all the State Agents sitting with the National President, it will now consist of but three members.

Col. L. L. Polk was unanimously re-elected President, though some outsiders tried to boom Livingston, of Georgia, and made a miserable failure of it. H. L. Loucks, of South Dakota, succeeds B. H. Clover as Vice President, and J. H. Turner was re-elected Secretary-Treasurer. J. F. Willits is his own successor, W. H. Utley, of Parsons, Kas., being nominated in opposition to him. R. W. Beck, of Georgia, and W. D. Danie, of Kentucky, were elected to fill vacancies in the Judiciary committee, and Alonzo Wardall was re-elected as a member of the Executive committee.

The sensational charges made against Secretary Turner by the daily press were not sustained by the Executive committee, which investigated his books.

One of the most important actions of the council was the changing of the statutory law of the order by which the whole dispute relative to the State Agents and the National Union Company was settled. The State Agents' Association was declared a separate organization from the Supreme Council, and it no longer constitutes a standing committee of that body. This action may be regarded as a defeat for the National Union Company, which came here with a strong lobby prepared to obtain an indorsement from the council, and to use the order to further its ends in establishing a gigantic monopoly to control all the farmer trade. The council, suspicious of rottenness between the State Agents and the National Union Company, wished to clear its skirts of all taint of corruption and decided to set the State Agents adrift, so that they are now accountable only to their respective State Alliances. Indiana, Kentucky, Ohio and Illinois have indorsed the National Union Company.

The first boycott ever started by the Alliance was instituted by the council against the Rochester Clothing Company, of New York. This concern is immense, being the consolidation of twenty-three firms. When the combine was formed last May over 13,000 garment-makers were thrown out of employment, and the subsequent mistreatment by the company of several of the leaders of the Knights of Labor makes it the subject of the greatest condemnation.

The report of the Committee on Demands favored a firm stand upon the Ocala platform, and the council unanimously indorsed it. Only two words were changed in the Ocala document. Instead of the word "loan" the word "issue" was substituted where the sub-treasury plank demands the loaning of money to the farmers, thus making it issuing the money, etc. The other change was in the same plank, and was the substitution of

"tax" for "interest," making it read that a tax shall be paid on money loaned by the government. The reason for making these changes was to use the same phraseology in the sub-treasury demand as is employed in the national banking law. By the latter law the government issues money to national banks instead of loaning it, and the farmer seeks the same privilege accorded to the national banks.

The F. M. B. A. General Assembly, which held its sessions here at the same time as the council, adopted practically the same demands. This was done to make the organizations virtually the same, so that a union might be effected. A plan was adopted whereby all subordinate lodges of the F. M. B. A. could, by consent of a majority, become sub-Alliances, and it is expected that within the next year there will be no F. M. B. A. in existence.

The Reform Press Association held meetings every day last week, and accomplished a great deal in the way of making reform papers more attractive and valuable to the industrial classes.

The Executive committee of the Confederation of Industrial Organizations met for the purpose of deciding upon a basis of representation to the great labor conference to be held February 22, 1892, and to decide upon a place for the meeting. The Confederation includes the N. F. A. & I. U., the Colored Farmers' Alliance, the National Citizens' Industrial Association, the Knights of Labor, the F. M. B. A. and the Patrons of Industry, and it is proposed to make a grand amalgamation of all these orders at the February meeting. The report of the business transacted here by the committee will be given out at a later date.

The National Executive committee of the People's party has been in session here during the past week. Their business was conducted secretly, and an address to the people of the United States is all that is worth mentioning of the facts given to the public. This address was drafted by Ignatius Donnelly, who in an able manner outlines the growth, policy, purposes and future of the People's party.

The annual address of President Polk outlined the situation in a statesmanlike manner, and created the wildest enthusiasm in the large audience to which he delivered it.

During the week addresses were publicly delivered by C. W. Macune, W. H. Utley, C. A. Robinson (State President F. M. B. A.), Mrs. Mary E. Lease, Mrs. Annie L. Diggs, Mrs. Emma McDonald-Valesh, J. F. Tillman, J. F. Willits, Thomas W. Force, J. B. Weaver, Jerry Simpson, and James A. Wright, Lecturer of the Knights of Labor.

In addition to the above, several other prominent men and women were present, among them being Ignatius Donnelly, B. H. Clover, Ben Terrell, L. F. Livingston, H. L. Loucks, W. E. Farmer, Abira Mauring, John S. Dore, Marion Cannon, H. E. Taubeneck, Robert Schilling, J. H. McDowell, Mrs. Marion Todd, Mrs. S. E. V. Emery, Mrs. Bettie Gay, Mrs. Fannie R. Vickery and many others. A personal telegram from Senator Peffer states that ill health prevented him from attending.

The "Branch resolution" will do a great deal towards drawing the party line on our Southern Congressmen. It is as follows:

Realizing that the action of the members of the Fifty-second Congress who were elected by the aid of the Alliance constituency will have an important influence upon the welfare of our beloved order, we respectfully and urgently request all Representatives in said Congress so elected to decline to enter into any party caucus called to designate a candidate to the office of Speaker unless adherence to the principles of the Ocala platform be made a test of admission to said caucus.

An important action of the council was a decision to hold a grand summer encampment of the Alliance some time during August or September, when all the farmers of the land, with their wives, daughters and sweethearts, can enjoy an outing just as the monopolists do at the seaside. The place of the encampment has been left to the judgment of a committee.

The next meeting of the council will be held at either Harrisburg, Pa., Atlanta, Ga., or some place in California. The power to choose between these places has been left with the Executive committee.

In closing, it may be well to repeat that the council was entirely harmonious. The press of the country have reported anti-sub-treasury rows and anti-third party fights until some people may actually take them as true. Beyond the usual parliamentary tiffs there was no trouble whatever, and President Polk says he never saw such an easy body to control. Any report savoring of internal disturbances may at once be attributed to that ever fertile imagination of the enemy.

ELWOOD S. PEFFER.
Indianapolis, November 23.

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"I, for one, can see the benefit only to the money-holders and those who receive interest and have fixed incomes," said John A. Logan in one of his remarkable speeches. "I can see, as a result of this legislation, our business operations crippled and wages for labor reduced to a mere pittance. I can see the beautiful prairies of my own State and of the great West, which are blooming as gardens, with cheerful homes rising like white towers along the pathway of improvement, again sinking back to idleness. I can see mortgage fiends at their hellish work. I can see the hopes of the industrious farmers blasted as they burn corn for fuel, because its price will not pay the cost of transportation and dividends on millions of dollars of fictitious railway stocks and bonds. I can see our people of the West groaning and burdened under taxation to pay debts of States, counties and cities, incurred when money was abundant and bright hopes of the future were held out to lead them on. I can see the people of our Western States, who are producers, reduced to the condition of serfs to pay interest on public and private debts to the money sharks of Wall street, New York, and of Thread Needle street, in London, England.

"All this will be accomplished by withdrawing the treasury notes from circulation and destroying them until the banks can control the entire volume of money, and then compel the people to use personal checks in lieu of money—checks passing through the clearing houses, which the banks will establish in all the larger cities, to enable them to make a fictitious showing of prosperity and fool the people with the great volume of business, which they will cause to be published in the daily and weekly newspapers. But remember, checks are not money."

"Aren't you ever going to grow old, like the rest of us?" asked a man of an acquaintance he hadn't seen for some time. "Well, not so long as I can purify my blood with Ayer's Sarsaparilla," was the apt reply. This man knew what he was talking about.

W. F. Rightmire, having returned from Ohio, is now attending to his law practice. Parties having important cases in the different courts of the State wishing to employ a competent attorney will do well to correspond with Mr. Rightmire, of Topeka, Kas.

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THE YOUTH'S COMPANION, 41 Temple Place, Boston, Mass.

Gossip About Stock.

At request of Burlington Blanket Co., we present a large picture on our front page, showing the appearance of the blanket when in use, which is warranted by them to be "always in place."

A. B. Matthews, one of the oldest importers and breeders of Aberdeen-Angus cattle in the State of Missouri, now offers an excellent opportunity for the purchase of fine animals of this breed at reasonable prices. Notice his advertisement of dispersion sale in another column of this paper. His herd has long been known as the finest of the kind in the West.

H. D. Rush, of Leavenworth, Kas., has purchased from J. C. Stone, Jr., one hundred head of pure-bred Short-horn cattle for his Osborne county breeding farm, at Ivanmah. At this establishment there are also 200 mares, and two imported Percheron stallions. Such stock farms in western Kansas are highly creditable, and will do much toward the rapid improvement of the common stock, and add to the tangible wealth of our western counties.

The first annual combination breeder's sale of roadster horses was held at Maryville, Mo., on the 25th ult. The offering consisted mainly of fillies and geldings, together with a number of mares and a few horses. Forty-two animals sold for \$5,140, an average of \$122.38. The chestnut horse, Frank Rysdyk 12806, sired by Robt. Rysdyk 6060, time 2:14½, sold for \$500 to Ed Rankin, Tarkio, Mo. The sale was well attended, some 300 persons being present, who had to withstand the enticing blandishments of the auctioneer, Col. L. P. Muir, of Independence, Mo. It was a creditable first sale.

Among our most representative western advertisers of Percheron and French coach horses, is William Ernst, of Graf, Johnson county, Neb. The writer has no hesitation in commending his stock to intending purchasers. At the head of his Percheron stud is Vladimir (13381), who took grand sweepstakes at the Iowa State Fair, and twenty other prizes at Lincoln and Des Moines. Mr. E. says: "Sales are good this fall, as the farmers are making a war on scrubs all over the country. I never offered Vladimir for sale, but will now part with him if any one is willing to pay my price, which is reasonable, considering his quality."

F. B. Rix & Co., whose advertisement appears this week, reports as follows: "We are glad to report that our business is in an extra prosperous condition, as the list of recent sales below will show. Buyers in the present times want first-class horses at moderate prices and on terms that suit their needs. Since last report our sales have been very brisk and we are now fully prepared to meet the requirements of any and all purchasers. The following is a partial list of sales not reported to date: Shires.—Land Frederick 3133, brown, four years, sire Garnett (2787), dam Dap (Vol. 10) by Adam (65), granddam by England's Glory (697), to stock company at Princeton, Mo.; Highland Emperor (9576), bay, three years, sire Maharajah (3207), dam Beauty by Ploughboy (1745), to stock company at Oakland, Neb.; Eastern Hero (9091), brown, three years, sire Premier (2646), dam Empress by Lofly (3818), to J. R. Stephens and others, of Garden Grove, Iowa; Nateby Garnet (10024), bay, three years, sire Garnet (2787), dam Hannah by Hannibal (992), granddam Julia by Honest Tom (1105), to O. H. Perry, of Wahpeton, Dakota; Monte Christo (7819), bay, four years, sire Maharajah (3207), dam Polly (Kays) Vol. 8 by Black Prince (176), to Fred Fischer and others, of Hartington, Neb.; Ploughboy Tom (8011), black, four years, sire Norfolk Tom (3904), dam Farrington Belle (Vol. 5) by Ploughboy (1745), to a syndicate, of Seymour, Iowa; Nateby Echo (10022), bay, three years, sire Blythe Echo (2961), dam Jessie (Vol. 3) by British Ensign (272), to stock company, of Jerome, Iowa. Percherons.—Folichon (13349), black, four years, sire Jean Bart (6789),

dam Poule (13348), sire Papillon, to stock company, of Livingston, Iowa; Oreme (2106), gray, four years, sire Selim (749), dam Docile (18025), sire Romulus (785), to J. B. Frye and others, of Pleasanton, Iowa; Firmament (13540), black, five years, sire Solide (438), dam Parfaite (13539) by Mouton, to stock company, of Herman, Minn.; La Mare (14500), black, four years, sire Madrid (441), dam Sophie (13286) by Pierre, to a syndicate, of Stanton, Neb.; Rossignol (12899), gray, to Iowa parties, and other sales which will report later on, not wishing to trespass on your valuable space at this writing."

A visit to the mammoth barn of T. Outhier & Son, Maryville, Mo., will convince any one having knowledge of thoroughbreds that their late importation of blooded horses are an exceedingly fine lot of young, well-bred, sound and compactly-built, noble animals, ranging from one to five years old. As the Maryville Daily Democrat says: "Messrs. Outhier have one of the largest and best barns of the kind in America. In passing through this immense building one will see pure-bred Shires, Percherons, French Draft, Belgian, Cleveland Bays and standard trotters. Also Spanish jacks. In fact this firm has got the largest number of imported horses of any firm in the State of Missouri, and also a greater variety of breeds, enabling the buyer of blooded horses to make a selection that pleases him, and in doing so is not compelled to go to 'foreign importers' to get what he wants. In selecting this last importation special attention was given to purity of blood and rich pedigree. The Shires are descendants from noted horses well-known as winners of the big prizes from all the noted show rings of England. The Clevelands in this barn are the finest ever imported to this part of the State. They are just the kind of style and action one would wish for a fine carriage team. The Percherons are black in color, drafty in their build, and descended from such noted and well-known horses as Brilliant, Vidocq, Voltaire, Picadore, Bayard and Cherri. They have also just received an importation of thirty-seven registered black Spanish jacks and jennies. See the advertisement of these enterprising importers of thoroughbred horses, elsewhere in our columns."

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Publication Notice.

In the District Court of Shawnee county, Kansas. Mary West, plaintiff,

vs.

B. D. West, defendant.

TIO B. D. WEST: You are hereby notified that you have been sued in the District court of Shawnee county, Kansas, by Mary West; that her petition was filed in said court on October 21, 1891, against you, and that plaintiff prays in said petition for a divorce from you, and that unless you answer said petition so filed as aforesaid on or before the 15th day of January, 1892, said petition will be taken as true and judgment rendered against you as prayed for in said petition, dissolving the bonds of matrimony heretofore existing between you and said plaintiff, and granting to plaintiff the custody of the child.

MARY WEST.
By Hasen & Isenhardt, Attorneys
S. M. GARDENHIRE,
[SEAL.] Attest: Clerk District Court.

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The Home Circle.

To Correspondents.

The matter for the HOME CIRCLE is selected Wednesday of the week before the paper is printed. Manuscript received after that almost invariably goes over to the next week, unless it is very short and very good. Correspondents will govern themselves accordingly.

The Forsaken Farm House.

Against the wooded hills it stands
Ghosts of a dead home, staring through
Its broken lights on wasted lands
Where old-time harvests grew.

Unplowed, unsowed, by sooty the unshorn,
The poor forsaken farm-fields lie,
Once rich and rife with golden corn
And pale green breadths of rye.

Of healthful herb and flower bereft,
The garden plant no housewife keeps;
Through weeds and tangle only left
The snake, its tenant, creeps.

A lilac spray, once blossom clad,
Sways bare before the empty rooms,
Beside the roofless porch a sad,
Pathetic red rose blooms.

His track in mold and dust of drouth,
On floor and hearth the squirrel leaves,
And in the fireless chimney's mouth
His web the spider weaves.

The leaning barn about to fall
Resounds no more on husking eves;
No cattle low in yard or stall,
No thrasher beats his sheaves.

So sad, so drear! It seems almost
Some haunting presence makes its sign;
That down yon shadowy lane some ghost
Might drive his spectral kine!

—John G. Whittier.

The Girls of Ninety-One.

They tell me 'twas the fashion,
Oh, long and long ago,
For girls to look like lilacs white,
And sit at home and sew.
Forth strode their sturdy brothers
On many a gallant quest;
But the maids behind the lattice
Their weary souls possessed.

To-day the times have altered,
And pretty Kate and Nell
Are playing merry tennis—
In sooth, they do it well.
They ride across the country,
They climb the mountain side,
And, with oars that feather lightly,
Along the rivers glide.

If they've not yet been to college,
They are going by-and-by,
To shake the tree of knowledge,
Though its branches touch the sky.
For all their Greek and Latin,
And poring over books,
With faces smooth as satin,
They'll keep their dainty looks.

Do you want a happy comrade,
In study or in fun?
Be sure you'll find her quickly
Mid the girls of ninety-one.
She'll keep that bright head steady,
Unharm'd in any whirl,
And not a lad will love her less
Because she is a girl.

—Harper's Young People.

JACK'S KITE.

Of course Jack was a nuisance—selfish people wrapped in their own concerns always found small boys in their way. But Jack did not interfere with any one. He only went on serenely attending to his own affairs, and allowing nothing to hinder. If his sister Emily said there were so many of him she could not help stepping on them, it was very wicked and unnatural of her; for all in the world he wanted of Emily was some twine, and some tissue paper, and some rattans, and her box of water-colors, and her attention, and her help, and her protection when punishment was about to fall. And Emma was a pretty girl; she wasn't going to keep all her smiles and her good graces for Will Waters if Jack could help it. Will Waters was very well in a way; he had given Jack a clasp-knife once; he had saved him when the lion was loose in the circus once. To be sure, the lion hadn't any teeth and had died next day of old age, but he was a lion! And Jack had roared as loud as he had. Yes, Will was all very well, but Will wasn't her brother.

With this it flashed on Jack that perhaps Will meant to be something more than a brother. Well, if that was so, why then wasn't something said about it, something done? And setting himself to observe the two, it began to dawn on Jack that Will was afraid of Em. Afraid of little, gentle Emily! Yes, afraid of her power to put an end to all his hopes. And it seemed to Jack that he had unearthed an immense joke, and if he had ever heard the lines he would have been repeating:

He either fears his fate too much,
Or his deserts are small,
Who dares not put it to the touch,
To gain or lose it all.

As it was, Jack didn't waste any time repeating poetry. For suddenly an inspiration came to him and he went to work; at least he would have called it inspiration, if he had known what inspiration meant.

Out in the woodshed were a lot of slender

laths that he had been whittling down fine, for it was kite-flying time; there were the rattans that Em had given him; there were some balls of twine; there was Em's box of colors. Jack counted his pennies and made that day a journey to the stationer's, where he provided for himself the loveliest lot of delicately-tinted tissue paper you ever saw, and a little red fire-balloon. And then he went to work. He chose and fitted two slender sticks some three-quarters of an inch square and about a yard long. "Legs," said Jack, laconically. "Backbone," he said, just as briefly, as if he were telling the sticks their duty when he had found another about half as long. "Arms," he said to a fourth stick, only some six or eight inches shorter than the large pieces. Having gone so far, Jack took part of the rattan and bound it into a circle six or eight inches in diameter and fastened it very securely to the shortest stick at the top with the small tacks and some twine. That done, Jack fastened the piece for arms to the backbone stick, as he called it, exactly in the middle and about eight or nine inches below the rattan circle. Then he tied and tacked his two leg pieces to the arm piece about eight inches from the point on either side where the arm piece was fixed to the backbone and brought them down at a very gentle angle and crossed them diagonally, and fastened them very firmly to the spine near the end, and finished by tacking and twining four pieces of thin wood, about four inches wide, to the tips of both the arm pieces and the legs. "That's all right," said Jack to that best of all confidants, himself. "Now comes the tug of war." A string was now tied from the top end of the bits of wood at one of the tips of the arm piece, to the top end of the star; and then a second string was carried across between the under ends of the same. To this two short strings were tied, about six inches from the intersection of the cross-piece and the backbone, and tied to the base of the rattan circle at each side of the spine, and then the shoulders were done. Now from the under side of the arm strings at the same distance from the backbone on each side another string was brought down and fastened to the bit of wood at the extremity there, and now along and brought up in the same direction and attached to the leg at about where Jack thought the waist should be. "Now," said Jack, "the artist may make his appearance." He laid his frame then on the big carpenter's bench in the woodshed, where he had already spread and pasted together several sheets of his rose-colored tissue paper, and proceeded very carefully to cut out the tissue paper, leaving a good margin to turn over, and this he turned over and pasted with the flour starch he had coaxed Mary Ann to make for him, and left it to dry while he cut a lot of twisters of black paper and strung them on a long twine for the tail. "They won't show so much, being black," said Jack. Then Jack returned to the bench, and from the rest of his pale rose-colored paper he cut out and pasted double various curving pieces which he pasted along the edges till he had given some sort of shape and roundness for hips and knees to the figure of a boy. "I suppose it'll blow right off like ruffling, or double back, or tear off, or something," said Jack. "But if it just lasts five minutes I don't care. It'll teach two people to know their own minds. I don't believe the whole thing'll fly very high. But I guess it'll do!" And he pasted the back of the head with a circle of yellow tissue paper that bore in his mind a far-off resemblance to yellow curls. And now for the paint-box—the most scarlet of vermilion for the lips, the darkest of vandyke-brown and ivory-black for the eyes! At the end of the third day Jack surveyed his work with all the joy of Apelles and Phidias combined. Then he arranged his bands for the string, and for the tail; he tied to one hand a slender rattan bow, and to the other a large arrow weighing just as much; for he had taken pains to have each side of the creature equally balanced; for upon the breast he wrote, in big letters, each word underneath the other: "I am Cupid!" and having fastened directly behind this legend the tiny red fire-balloon, for which he had spent his last penny, he awaited further developments.

He did not have to wait long. It was evening, and Em came strolling up from lecture with Will beside her, and then

they stood at the gate, just as they always did, as if they did not know how to part and didn't know how to go any further. This was Jack's time, and with his load upon his shoulders he crept out behind the woodshed, and over the garden and field, lighted the little red balloon, climbed the corn-house, and lifted his kite to the gentle evening wind, ran down the ladder, and let her fly.

The kite rose slowly and swept along, Jack running behind with the string slipping through his fingers. It was too heavy to raise far, but it rose far enough. For Em and Will turned at the same moment, looking up with a cry, "What is that?" And there on the dark violet of the starry 9 o'clock sky hung the rosy figure with its bow and arrow and with the red light burning behind its breast. And, suddenly, before she thought, Em said, "Oh, don't you see! It is Cupid!" And, red then as the fire-balloon itself, she turned and ran into the house as fast as she could scamper and slammed the door and left Will to darkness and his fate. And as he turned, half bewildered, the fire-balloon flashed up and exploded and by some one chance in a million did not set fire to the kite, which Jack, a little mortified, pulled down and lugged away to the woodshed.

And a sorry time Jack had of it when he went into the house. For Em was crying, and his mother was exclaiming; and if it had not been for Mary Ann's winking he would have had some fearful anticipations. "You are a wicked, cruel boy!" sobbed Em, sitting by the window. "And you've mortified me to death—my own brother! And you've broken my heart. And I never—I never—can look at his face again!"

"You go right to bed, Jack Pursley!" said his mother. "And your father shall deal with you!" And Jack tried to stammer something, and tried not to shed tears himself, and thought he should choke, and was very indignant and sure that he was totally misunderstood, and felt afterward all sorts of prospective tinglings and smartings as he lay in bed, till at last he heard the front door slam again, and his father had come in, and there was a confusion of voices and a loud burst of laughter from the father. "Pa's a trump!" said Jack to himself. "He's the only one in the house that understands me, or that cares about me, or that"—and he was very much ashamed to find that he was on the verge of crying on his own account, and he knew there would be no whipping, and the next thing he knew it was morning.

Jack rose early, and brought in the water for Mary Ann, and split the kindlings, and fed the chickens, and drove the cow to pasture, and was so altogether energetic that first one and then the other found it difficult to say anything by way of reproof; and Em hadn't come down; and he was off to school and safe.

But if Miss Emily had occupied herself with her tears that night, Master Will had been busy with his thoughts. And it is not surprising that the afternoon found him at the door, and presently going down to the bay with Emily at his side, and a pair of oars over his shoulder.

It was a delicious spring afternoon to go softly dipping and rowing along the shore and up the inlets under the powdering birch and willow trees, a foretaste of summer. Indeed, I think the young voyagers felt as if it were a foretaste of paradise. If Emily were rather quiet and downcast, that was perhaps more reassuring than otherwise to Will; and when under the lee of a great snowy bank of shad blossoms, he pulled in his oars and stepped over athwart and sat down behind her and took her hands in his; if she trembled from top to toe, she turned on him two appealing, tender eyes that told the whole story.

They sat there, these young lovers, a long, sweet hour, while the boat drifted down the inlet with the turning tide and out upon the bay where the little waves went rippling under the sweet land breeze that was rising. And when at last Will rose to return to his seat his movement and Em's gave the boat a lurch, and one of the oars, insecurely landed as they had been, slipped from its place, and before he could recover it, was over the side and in the water, and with Will leaning far out to reach it, off slid the other oar, and there they were alone on the bay with the tide going out to sea and not a soul in sight.

For a moment Emily was very white. The tears came welling up, but she could

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not let them fall. She glanced at Will and felt that she must not add to his concern; wives were to help, not to hinder. And besides, as if Will could not manage it somehow! She knew he would! But when he had called and hallooed himself hoarse, and one hour and another had passed, and they were still slowly dropping seaward, her heart sank in spite of all his cheering words, and she knew they would be drowned, and she felt as if she should die before she had a chance to drown!

It was in one of those desperate moments at last, that a halloo was heard coming from the shore and answering Will's call. It was Jack's voice. And Jack was running along behind his kite, having raised it with great difficulty, and was now expecting the wind to take it more freely, as he planted himself firmly with one arm wound round a scrub pine at a point directly opposite that where the boat would be presently with the soft lapse of the tide. The wind, which came by capfuls, was due west; the kite was heavy, but it had risen; the strange Cupid, more like Caliban, tumbler, soaring, fringing and tottering, now going straight before the wind, although at no very great height. It passed directly over their heads, while they called and called to Jack; it turned a somersault on a fresh puff of the breeze, and then, softly descending, caracolled as the last breath of air died away, plunged into the deep waters of the bay. And there, just across the boat, lay the string, whose other end was in Jack's hand.

"Pull it in!" shouted Jack. "Pull it in, quick!" And Will pulled it in. And when he came to the end there was no end, for it was made fast to a large one. "Pull it in!" cried Jack, and his father, too, who was now beside him. "Keep pulling!" And Will kept pulling till he had pulled a good stout rope on board and made it fast to the boat, whereupon Jack and Jack's father, in their turn, began pulling, gently, steadily, hand-over-hand, till they had drawn the boat to shore and up the beach, and had lifted Emily out, quite ready now to faint away.

"I don't know about giving her to you, young man, if you can't take any better care of her than this!" said Emmy's father sternly.

But Emmy, who had thrown one arm about her father's neck, while she hid her head upon his good, firm breast, held the other hand out to Will. "I guess you'll have to, pa," she whispered. And the father and the lover gave each other's spare hand a mighty grip.

"I hope you'll allow now," said Jack, walking up beside them in the sunset, over which the evening star, the star of love, hung suspended like a lamp above an altar. "that boys are some good, after all. I should like to know where you'd be now if it wasn't for my kite! If Cupid came near being the death of you last night, it was Cupid that saved you just now, any way!"

—Margaret Ford, in Cincinnati Times.

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The Poet's Portrait of Himself.

And one there was, a dreamer born,
Who, with a mission to fulfill,
Had left the Muses' haunt to turn
The crank of an opinion mill,
Making his rustic reed of song
A weapon in the war with wrong,
Yoking his fancy to the breaking-plow
That beam-deep turned the soil for truth to
spring and grow.

Too quiet seemed the man to ride
The winged Hippogriff Reform;
Was his a voice from side to side
To pierce the tumult of the storm?
A silent, shy, peace-loving man,
He seemed no fiery partisan
To hold his way against the public frown,
The ban of church and state, the fierce mobs
hounding down.

For while he wrought with strenuous will
The work his hands had found to do,
He heard the fitful music still
Of winds that out of dreamland blew.
The din about him could not drown
What the strange voices whispered down;
Along his task field weird processions swept,
The visionary pomp of phantoms stepped.

The common air was thick with dreams,
He told them to the tolling crowd;
Such music as the woods and streams
Sang in his ear he sang aloud;
In still, shut bays, on windy capes,
He heard the call of beckoning shapes,
And, as the gray old shadows prompted him,
To homely moulds of rhyme he shaped their
legends grim.

—John G. Whittier.

HOW MATCHES ARE MADE.

Till the close of the eighteenth century, flint and steel, with sulphur-tipped splints of wood, were the common means of obtaining fire for domestic purposes. The first really practical friction matches were made in England, in 1827, while the phosphorous friction matches of the present day were first introduced on a commercial scale in 1833.

The consumption of matches yearly in the United States will probably exceed 60,000,000,000 from the Diamond Match Co. alone.

The operations carried on in a match factory may be grouped into four parts—preparing the splints, dipping the matches, box-making and filling. The varieties of wood generally used are poplar, aspen, white pine and yellow pine, which must be soaked in dry before beginning operations. The timber is cut into blocks about fifteen inches long—sufficient for seven matches, and being freed from bark, it is fixed in a special form of turning-lathe, and by means of a fixed cutting tool, which, with each revolution acting on the entire length of the block, a continuous veneer the thickness of a match is cut off. At the same time eight small knives cut the veneer into seven separate bands the length of a match (sometimes two), and are fed into a machine which acts something like a straw-cutter, which cuts through 140 bands. Thus, by a single stroke, 140 matches are cut off. They are dried and then sifted, which also arranges them, whereby they may be conveniently handled and prepared for the dipping which next follows. They pass successively through three pans. In the first the splints are heated; in the second they are dipped in molten paraffine; and in the third they receive their heads or tips of igniting composition, which finishes them, and they are ready for the boxes, which, if made of wood, are usually made of thin veneers of wood. The machine which shaves the veneering off the block also scores them along the lines by which they must be bent to form the box. The folding, covering with paper and labelling are performed with remarkable activity by one set of girls, while another set are engaged in filling the boxes, which they do with equal rapidity. A good hand can fill thirty-five to forty gross of boxes per day.

Although matches are so plentiful, and civilized nations have put aside their flint and tinder-box, there are other means which less civilized tribes, islanders, etc., use to obtain fire. The Alaskans and Alutians take two pieces of quartz, rub them well with native sulphur, strike them together till the sulphur catches fire, and then transfer the flame to dry grass, over which a few feathers have been scattered. Instead of two pieces of quartz, the Eskimos use a piece of quartz and a piece of iron pyrites. In New Zealand, the Sandwich and Samoa islands, they take a blunt point of stick and run it along a groove of its own making in a piece of stationary wood. Other tribes make the movable stick rotate rapidly in a round hole in the stationary piece of wood.

The Dragon-Fly.

In Sweden he is called goblin insect, in Germany water maiden, and the French, still more polite, say *demotelle*, or young lady. The larva of a dragon-fly is not a worm, like the butterfly, but a dark little fellow without any wings, hatched out from an egg at the bottom of a pond or in the leaf of some plant growing in the water. He wiggles about in the mud and slime and catches and eats many small insects. By and by the young dragon-fly's wings begin to form under his skin. Then he is called pupa or nymph, and he moves about faster than ever, and catches more insects by darting out his long-jointed under lip and seizing them. But he finally takes it into his head to climb up the stalk of a plant that grows out of the water. When he gets to the surface he sits there in the sun, and, after awhile, his skin splits down the back and he creeps out of it. His head and chest, and his wings, which are at first very small, come out easily, but then he seems tired, and hangs down limp and helpless, still half in his old skin. After a while he makes another effort, and pulls out the long part of his body. Then his wings dry and rapidly grow larger, and he is ready to sail in the air.

He has two pairs of very powerful as well as beautiful wings. The legs, though long and bristly, are not strong, but he does not use them, only to light gently for a moment or two on flowers and grasses.

Dragon-flies are usually red or blue in color, sometimes yellow and brown. A beautiful kind found in England is of many colors—azure blue, green and yellow, with bands and streaks of black. Other kinds from tropical countries are very large, one from Borneo measuring six and a half inches across the wings. —M. A. Carrol, in *Teacher's Institute*.

To-day I saw the dragon-fly
Come from the cells where he did lie;

An inward impulse rent the veil
Of his old husk, from head to tail
Came out clear plates of sapphire mail.

He dried his wings, like gauze they grew,
Through crofts and pastures wet with dew,
A living flash of light he flew. —Tennyson.

John Greenleaf Whittier.

Born December 17, 1807, at Haverhill, Mass. Until his 18th year he worked with his father on the farm.

He was not 19 when his first poem was published. Whittier was at different periods of his life an editor, and he has put forth four or five volumes in prose. He was a member of the State Legislature, and received the degree of Doctor of Laws at Harvard university.

On his 70th birthday he was given a dinner by his publishers.

He is tall, slender, and very straight. His brow is very white; his eyes are black and brilliant, with a glowing expression. He has resided the greater part of his life at Amesbury, Mass. He has never been married, and his life has been almost wholly devoted to literary pursuits. One side of his study is filled with his desk and his books. An old-fashioned Franklin fireplace with polished brasses throws the light of its cheerful blaze over carpet, chairs, books, and on the walls, which are covered with many souvenirs.

Quotations.

There are hopes which our burden can lighten,
Though tolls and steep be the way;
And dreams that, like moonlight, can brighten
With a light that is clearer than day.

—Winthrop Mackworth Praed.

Judge not, because thou canst not judge aright,
Not much thou knowest thyself; yet better far
Than thou knowest others.

—Chauncey Townshend.

Questions—No. 13.

[The boys and girls who read this paper are invited to contribute to this department.]

1. Did the first settlers at Jamestown provide for education?
2. Name all surviving ex-Vice Presidents of the United States.
3. What country of Europe produces most wine? tin? silk? lace? salt?
4. In what country was Mahomet born?

ANSWERS TO QUESTIONS NO. 11—NOVEMBER 18.

1. Surnames were first assumed in the days of Edward the Confessor (1066), but did not become firmly established until the reign of Edward II. (1307).
2. The Anglo-Saxons cultivated beards when they came to England. One of the wanton acts of tyranny in the reign of William the Conqueror was to order the English to remove their beards, which was so disagreeable to some that they went abroad to evade the order.
3. It is the crater of an extinct volcano in Java. It is half a mile in circumference and filled with carbonic acid gas. As the gas is invisible, every living thing that

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ralgia, Sciatica, Burns.

descends to the valley is instantly suffocated. The ground is covered with the bones of men and animals. There is a desert in California bearing the same name.

Bermuda Bottled.

"You must go to Bermuda. If you do not I will not be responsible for the consequences." "But, doctor, I can afford neither the time nor the money." "Well, if that is impossible, try

SCOTT'S EMULSION

OF PURE NORWEGIAN
COD LIVER OIL.

I sometimes call it Bermuda Bot-
tled, and many cases of

CONSUMPTION,
Bronchitis, Cough
or Severe Cold

I have CURED with it; and the advantage is that the most sensitive stomach can take it. Another thing which commends it is the stimulating properties of the Hypophosphites which it contains. You will find it for sale at your Druggist's, but see you get the original SCOTT'S EMULSION.

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KANSAS CITY, MO.

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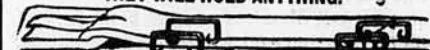
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25 Silk Fringe Envelope etc. Cards with names on all only six cents, and 100 in pad same price. Book free. CAPITAL CARD CO., COLUMBUS, OHIO.

AGENT made \$71 in four days selling my Electric Corsets and Specialties. 100 PER CENT. profit and Cash Prices. Sample free. Dr. Bridgman, 5' way, New York

\$5 A DAY SURE. \$2.15 Samples Free. Horse owners buy 1 to 8. 20 other specialties. Rein Holder Co., Holly, Mich.

IF YOU HAVE ANY COINS dated before 1871, with plain date, send us a list. We pay high prices for hundreds of dates and kinds. Among coins that we want are: silver dollars dated between 1794 and 1868; dates of half dollars before 1834; quarters of all dates before 1838; all dates twenty-cent pieces; all dates dimes before 1860; silver five-cent pieces before 1867; five-cent nickels of 1877 and 1883; all dates of silver three-cent pieces; nickel three-cent pieces before 1870; two-cent pieces between 1864 and 1873; all large copper cents, also small cents with eagles on, also cents of 1873 and 1877; all half-cent; foreign coins, fractional and Confederate currency, etc. For above we PAY BIG AMOUNTS over face value, if in required condition. This is a comparatively new business, and by merely keeping your eyes open when handling money, you may find many coins that we want. A short time since, a Lynn, Mass., shoe dealer found a coin worth \$1100. Recently a Scotchman in an Illinois town came across a coin worth \$700. Others have done even better. The *New York World* says: "Many people have become rich by looking after coins wanted by collectors." The *Home Journal* says: "Collecting coins is a very profitable business now-a-days, as there are but few in it. One Boston broker, Mr. W. E. Skinner, buys from agents all over the country, and pays them big sums for rare coins." Coins that are very hard to find in one section of the country are often easily found in others. Largest business, highest prices. Write at once for further particulars enclosing stamp for reply, which may be worth hundreds of dollars, perhaps a fortune to you. W. E. SKINNER, Reliable Coin Broker, 325 Washington St., Boston, Mass.

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In useful, inventive progress, that enriches all workers. It is probably the greatest opportunity laboring people have ever known. Now is the time. Delay means loss. Full particulars free. Better write at once. Address, GEORGE STINSON & CO., Box 1618, Portland, Maine

KANSAS FARMER.

ESTABLISHED IN 1882.

Published Every Wednesday by the
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Display advertising, 15 cents per line, agate, (fourteen lines to the inch).
Special reading notices, 25 cents per line.
Business cards or miscellaneous advertisements will be received from reliable advertisers at the rate of \$5.00 per line for one year.
Annual cards in the *Breeders' Directory*, consisting of four lines or less, for \$15.00 per year, including a copy of the *KANSAS FARMER* free.
Electros must have metal base.
Objectionable advertisements or orders from unreliable advertisers, when such is known to be the case, will not be accepted at any price.
To insure prompt publication of an advertisement, send the cash with the order, however monthly or quarterly payments may be arranged by parties who are well known to the publishers or when acceptable references are given.
All advertising intended for the current week should reach this office not later than Monday.
Every advertiser will receive a copy of the paper free during the publication of the advertisement.
Address all orders.
KANSAS FARMER CO., Topeka, Kas.

Melbourne, the "rain-maker," disclaims all connection with the company formed in western Kansas, with headquarters at Goodland, to produce rain, over several western counties.

"Car famine" and "grain blockade" are terms of frequent use in connection with the grain market of late. One railroad, the C., B. & Q., is said to have at least 2,000 cars of grain side-tracked at the present time.

The *KANSAS FARMER* is pleased to acknowledge the receipt of a special invitation to the fat stock exhibit and banquet to be held at the National stock yards, on Wednesday, December 9, 1891, under the auspices of the St. Louis Live Stock Exchange.

Chancellor Snow's weather report for November shows that the month was very much like the same month in other years except that the rainfall was only .81 of an inch, which is less than half the November average. But seven previous Novembers have shown even less rainfall than this.

The twenty-fifth anniversary of the Grange will be celebrated by an open meeting at Lincoln Post hall, Topeka, December 12, 1891, commencing at 10 o'clock a. m. The meeting will be open to all members of the Grange, their families and invited friends. An interesting programme has been prepared.

A letter from Secretary Brackett gives notice that reduced railroad fare to the annual meeting of the State Horticultural Society at Beloit, December 8, 9 and 10, is uncertain, being conditioned on the attendance of 100 persons from outside points. This condition was not known at the time the original notice was given.

A benefit is offered to any reader of the *KANSAS FARMER* by E. M. Crummer, Belleville, Kas., as follows: "I will present a farm right to build and operate the hog sanitarium to any Kansas or Nebraska farmer who has made a trial of Dr. Billings' inoculation for prevention of disease in swine, and who will make me a written report within the next thirty days showing results. I want an unprejudiced report, showing results in detail as much as possible."

A "corner on November corn" occurred in Chicago and New York at the close of the month. Most of the readers of the *KANSAS FARMER* know that this means that more corn was contracted to be delivered on that day than it was possible for the sellers to obtain. White No. 2 corn was quoted at Chicago on Monday in morning papers at 66 to 69 cents for No. 2; the price went up to 75 cents before the day closed. In New York the prices quoted in the morning were 75 to 76 cents for No. 2, but before the close of business \$1.10 was paid for this grade. The courts were appealed to for relief from some of the contracts.

THAT BALANCE OF TRADE.

EDITOR *KANSAS FARMER*:—Two ships sail from New York for Europe with \$10,000 worth of wheat. For their cargoes they bring back manufactures valued at \$15,000.

Do we win or lose \$5,000?

Again, three ships sail with \$15,000 worth of wheat, two of them sink in the ocean; the remaining one brings back \$7,500 worth of goods.

Is that gain? for according to the theory of exports exceeding imports to be profitable it should be.

Where exports exceed imports in value it will usually be found that that country is in debt and has to pay interest on money lent it and the exports furnish the wherewithal. J. BROWSE-OLDREIVE.
Florence, Kas.

In the first case supposed, our correspondent leaves it to be inferred that the \$5,000 are the profits of the transaction. In this case we win the \$5,000, a rather large profit for a transaction involving the amounts named.

If, however, this is to be taken as an illustration of the manner in which trade balances are produced and the trader's profits are disregarded in the illustration, we have, in the case supposed, created an indebtedness to the amount of \$5,000, which we must surely pay in the near future by sending abroad more than we bring back of either goods or money; unless, indeed, we be a lending nation and have interest due on money loaned, or invested in foreign countries; in which case we may pay our balances by giving credit on the interest account.

In the supposed case of the three ships, two of which sink, etc., we lose. Such losses, frequently covered by insurance in companies on both sides of the water, like merchants' profits, constitute a part of the expense of commerce.

We failed to deliver the goods and therefore created no balance in our favor. The closing observation of our correspondent is entirely correct. Whether the creation of the debt was wise or unwise is a question not up for discussion in this connection. It is fortunate, however, for the country, when we have the products to spare with which to meet these and other obligations.

Again, if we are able to sell much more than we buy we shall eventually get out of debt and accumulate money with a tendency to the circle of effects pointed out in the *KANSAS FARMER* of November 18.

STARTLING FIGURES.

The world's wheat and rye crops for this year have been made the subject of investigation by the Kansas statistician, Mr. C. Wood Davis, who has given out figures to which additional interest attaches on account of recent European war talk. Were it not that many of the people in the famine-stricken districts are too poor to buy, the foreign demand would be so great for American bread stuffs that the bears of the boards of trade would be powerless to hold prices at anything near present figures.

The following is Mr. Davis' statement: The United States wheat crop is about 600,000,000 bushels, with a possible margin for export of 235,000,000 bushels; and the Canadian crop 45,000,000 bushels, with 15,000,000 for export. While the crop in Great Britain is 68,000,000 bushels, of which 4,000,000 are of too poor quality for bread. That country will need 232,000,000 bushels, which indicates wheat imports to extent of 168,000,000 bushels, besides 18,000,000 bushels of rye. The French wheat crop is estimated at 232,000,000 bushels, indicating an importation of 110,000,000 bushels. While the barley and oat crops are above the average, the yield of rye is 10,000,000 below the average. The Italian wheat crop is placed at 124,000,000 bushels and the required imports at 28,000,000 bushels, or 10,000,000 more than last year. The rye crop falls short 800,000 bushels, which would indicate Italian imports of rye, if the grain can be had, of 9,000,000. The Italian demand for wheat and rye will thus reach 37,000,000 bushels. Similar deficiencies are reported in the other European states, from which it appears according to official statements that European importations of wheat must be 455,000,000 bushels, and of rye, 335,000,000 bushels. Similar figures place the surplus wheat crop of North America, North Africa, West Asia, India, South America, Australia, Russia and the Bal-

kan states at 377,000,000 bushels, and of rye at 30,000,000 bushels. According to these figures there is a deficiency of 78,000,000 bushels of wheat, and 305,000,000 bushels of rye. To this heavy deficit must be added 20,000,000 exported in July and August which are not now available for the present cereal year. Apparently Europe is on the verge of a famine as disastrous as that in Southern Russia.

WAR IN EUROPE NOT LIKELY.

Rumors of prospective "war in Europe," an expected "general European war," etc., are of frequent occurrence. Really when a foreign gatherer of news for the United States has little else to say he finds it convenient to start a report that European complications are becoming of so grave a nature that a war in Europe cannot be much longer delayed. Last week nervous people and people who are willing to profit at other people's expense were in a flutter because "the situation in Europe is becoming so strained that war cannot be long delayed." This week we are assured of a "remarkable concurrence of events of a pacific tendency," etc.

The facts are that modern warfare is terribly expensive, that most European nations have enough to do to provide for current expenses and interest on indebtedness. War would bankrupt many of the European powers and would financially embarrass many more. It is therefore reasonable to expect that peace will be at least "patched up" for some time to come.

RENEW EARLY.

Every year a large number of our friends neglect to renew their subscriptions until they have received the last number of the present term, and many even forget to write us until they have missed one or two copies. We desire to kindly urge all to have their subscriptions renewed as early as possible and thus avoid missing any issues, and at the same time save us the extra time and labor necessary to take your names from our lists and then replace them, perhaps the next week. Accordingly we say *renew early*, at least two weeks before your subscription expires. We prefer to have you send your subscriptions for yourselves to us. It is easy to enclose a dollar bill in a letter carefully sealed and directed to us. If, however, you prefer, you may hand it to your postmaster, who is authorized to receive subscriptions for us, and he will send it for you.

We invite each and every one of our friends to get their neighbors to become subscribers, and thus make up a list of six subscriptions, which may be sent to us with five dollars in full. We will gladly mail free sample copies and full instructions to any who desire to canvass among their friends, if they will notify us by postal card or otherwise. *But don't forget to renew your own subscription now.*

PASS HIM BY IF HE COMES TO KANSAS.

A peculiar kind of "sharp practice" is reported from Ohio. A smooth-tongued man goes into a community and tells the farmers that he is selling pure-bred Jersey cows at the low price of \$37.50 each; that at this figure he guarantees that their milk will yield 15 per cent. of cream. For every unit of percentage below 15 per cent. which any cow he sells may show he will deduct \$2.50, and for every unit of percentage added he will put on \$2.50. Inasmuch as the ordinary farm cow may not furnish more than from 10 to 12 per cent. of cream the investment looks quite attractive; and an order is given for say a carload of cows. In the belief that the animal's will be secured at about the \$37.50 spoken of. The seller sends on the cows, having stipulated that they are to be tested by a disinterested expert in a few days after their arrival. The cows are received and turned out to pasture, and at the proper time the tester is procured, the milk tested, and in all cases the percentage is found to be vastly above the 15 per cent. stipulated. Those acquainted with the richness of Jersey milk know that in many cases the percentage of cream will go to several times the measure of 15 per cent., from which it will be seen that many of these farmers are buying their cows at really fancy figures.

In one instance a farmer with whom a deal of this kind had been made appealed the matter to the courts, but the defendant simply handed his contract to the presiding Judge, who on examining it told the

farmer he had no case. If there is any moral in this the reader can dig it out for himself.

AMERICAN LIVE STOCK SENATE.

In the live stock department there will be found a complete report of the organization of the American Live Stock Association, one of the most important and needful associations of the kind ever organized in the interests of stockmen of the whole country. There are so many matters of national and international interest affecting or relating to the animal industry of this country and every class of improved stock as a whole, that a representative organization of this industry is an absolute necessity, and it is surprising that it has been so long delayed, in view of the burdens, hardships and disadvantages encountered by stockmen and breeders for the want of some recognized body or national association properly qualified at all times to authoritatively represent or act for the farmers and breeders engaged in the animal industry, and this new association actually creates a veritable live stock senate, empowered to represent the live stock interests of the nation.

Every State and Territory that has not already a representative live stock association, should proceed at once to organize, so as to become auxiliary to the American Association. This State has in the Kansas Improved Stock Breeders' Association, an organization to co-operate with and become auxiliary to the American.

The perfecting and perpetuation of the American Live Stock Association is of vast and supreme importance to the live stock industry of the United States, and merits the attention and co-operation of every individual in any way identified with the animal industry. The new association starts out well, with efficient officers and committees to perform the important duties which will come up the first year.

A LITTLE SLOW.

Kansas World's Fair matters have developed so slowly that the site selected last spring for the building to be erected for the accommodation of our exhibits has been otherwise appropriated. The Board of Managers has, however, secured another site, but is not quite satisfied therewith and will probably get a part of the ground set apart for North Dakota.

AGREEMENT AS TO PRICE FOR THE CHEROKEE STRIP.

The committee of the Cherokee Council has completed negotiations for the sale of public lands to the United States with the Cherokee Commission. The commission agreed to pay \$3,700,000 for the strip, or about \$1.40 an acre, which is 15 cents per acre more than was ever offered before.

In consideration for this raise in the price, the Cherokees waived all other claims and demands. The agreement thus arrived at will be presented to a full Council for ratification, with the recommendation that the government's offer be accepted forthwith.

DATES FOR FAIRS IN 1892.

The fair managers of the Western circuit, which includes Mississippi, Iowa, Minnesota, Nebraska, Wisconsin, Kansas, Ohio, Indiana, and Illinois, held their annual meeting at the Sherman house, Chicago, last week. A schedule for the circuit in 1892 was adopted, and the State fairs arranged in accordance as follows: Mississippi, August 15; Iowa, August 29; Minnesota and Nebraska, September 5; Wisconsin, Kansas, and Ohio, September 12; Indiana, September 19; Illinois, September 26; St. Louis, October 2.

It was decided that in the nine States represented no State fairs would be held in 1893. A committee was appointed to confer with Chief Buchanan of the World's Fair in regard to the issuance of medals for excellence of State exhibits.

At the National Swine Breeders' convention, recently held in Chicago, S. H. Todd, of Wakarusa, O., and W. W. Phillips, of Topeka, were unanimously indorsed for Superintendent and Assistant Superintendent of the swine department of the Columbian Exposition, respectively. The gallant fight made by G. W. Berry, of Berryton, Kas., Secretary of the Kansas Swine Breeders' Association, for a Kansas man, resulted in the foregoing nominations. The chances are that Mr. Todd will be an exhibitor, hence the chance for Mr. Phillips for first place is very bright.

POSTAL DELIVERY FOR COUNTRY DISTRICTS.

The following careful presentation of the subject of extending to farmers the convenience of the free delivery system is from the pen of John Wannamaker, Postmaster General of the United States:

"When a town grows to 10,000 population and puts down footwalks and puts up numbers on the houses, the Postoffice Department is authorized by act of Congress to establish a carrier service to deliver mail matter at the doors of houses and offices. As the town increases postal stations are established. Thus the postal service keeps pace with the growth of the town. While all this postal work is going on at the thickly populated points, the farmers, quarrymen, blacksmiths, millers, and artisans, all paying the regulation rates of postage, are left to get their mail as best they can from the postoffice in the village or at the railway station.

"In a hamlet of one hundred houses, perhaps sixty persons from the village and the vicinage, make a daily pilgrimage of a distance of from one block to two miles, from the home to the postoffice, to find out whether there is any mail or not; and a hundred more persons within the circle of the office do not find it convenient to go to the postoffice oftener than once a week. One hundred or more persons are each day, in all weathers, making trips to the postoffice, often at great personal inconvenience and discomfort, when a single carrier could once or twice each day make the round of the village and distribute the mail, and save the hundred a daily unnecessary tramp, collecting at the same time from the letter boxes, located at the street corners, the mail to be forwarded. A newspaper brought every day to the door of the farmer or workman who has no one to go to the postoffice for it, would find a thankful subscriber and light a new lamp in the household.

"True enough, the village or cross-roads inhabitant, or the dweller on the farm, chooses his home for his family and might live in the city, where gas and water and mails are brought to his door; but when people everywhere pay the same rate of postage, why should one portion of them have mail facilities denied to other portions? Is it fair to the rural localities to refuse postal service equal to that provided for the cities? Is it not a reflection on the intelligence and aspirations of the farmer and the artisan to ignore his need of the conveniences of correspondence and of supplies of newspapers and magazines? Does it not retard the settlement of country districts, to neglect to provide, in some form or other, means for at least daily intercourse with the rest of the world?"

"To carry letters, newspapers, and magazines, and leave them in an office remote from the home to be called for, is only a partial fulfillment of the duty of the department. With the well-paid railroads, star-route contractors, and mail messengers, traversing every highway to the uttermost nook and corner of the land, there ought to be some practical way to utilize all these forces and spread the house to house delivery over almost every square mile of this great country. I firmly believe that when such a scheme is in proper operation for a year, it will be proven that the increase of revenue will fully counterbalance the necessary expenditure.

"The last Congress listened to arguments on this subject and allowed the Postmaster General to use \$10,000 of the appropriation for free delivery for an experiment in the small towns, villages, and farming districts. This fact becoming known to some extent through the newspapers, applications were made for a trial of the plan; and in the order received forty-seven offices in thirty-one States were equipped with letter boxes and carrier service. The first twelve of these offices were designated February 1, 1891, and a five months' trial is all that has been allowed up to the close of the department fiscal year. It is, therefore, too soon to get full results.

"But it is clear from the figures at hand that the increase of revenue more than paid all the increased expense. This is a significant fact, and if the same results follow further experiments, a great extension of the free delivery is readily at hand.

"A long forward stride would be made in the postal service if the next Congress could find time to consider what are commonly regarded as the little things of Postoffice Department, but which are really the necessary and almost all-

important touch of the largest department of the Government upon the comfort and progress of all the families of the country, as well as of every business enterprise, great and small."

GREETING OF THE NATIONAL GRANGE.

The KANSAS FARMER is in receipt of a happy greeting from the National Grange, the occasion being the celebration of the twenty-fifth anniversary of the order, which is to take place December 4, 1891.

The "greeting" enumerates sixteen accomplishments of the Grange during the first quarter century of its existence, as follows:

1. The Grange has organized the farmers of America, who never before were organized.
2. From a few scattered meetings held in valley, on mountain or prairie, years ago, it has grown until now, in a year, at least a million and a half meetings are held.
3. It has broadened the field of usefulness of woman, and has prepared her for her place in the true republic, the full equal of man as a citizen.
4. It has brought light, recreation and good cheer to hundreds of thousands of rural homes.
5. Prevented the renewal of patents on sewing machines, thus saving to the people 50 per cent. of their cost, which amounts to millions annually.
6. Transportation companies were taught that the creator is greater than the creature. See Granger cases decided by Supreme court of United States.
7. Had passed, and have enforced oleomargarine law.
8. Have passed laws somewhat restricting alien landlords and corporations from getting government land.
9. Had inter-State commerce law passed.
10. Had Cabinet position created for agriculture, thus giving the President's Cabinet a representative of the parent of all vocations.
11. Has had agricultural colleges, experimental stations and farms, and farmers' institutes established in many States of the Union.
12. Has had some effect on local and State tax levies and established State Arbor Day.
13. Has caused the reform ballot law to be passed in many States.
14. Has increased State appropriations for public schools.
15. Has, at all times, fostered the cause of free education.
16. Local achievements, such as building halls, making roads, planting trees and vines, establishing libraries, reading rooms, banks, fire insurance companies, co-operative enterprises, trade card systems, etc., etc., too numerous to mention, might be cited. Writers, readers, speakers and parliamentarians without number owe their success to the Grange.

A large number of the American associations of fine stock breeders held their meetings at Chicago last week. Nearly every one of them declared in favor of Sunday closing of the Columbian Exposition, urging the necessity of exhibition stock having one day of rest, to say nothing of reasons.

There were imported into the United States during the fiscal year ending June 30, 1891, 3,483,477,222 pounds of sugar, for which was paid in the countries from which the sugar came \$105,728,216, or an average of a little over 3 cents per pound. Most of this was raw sugar. Over \$45,000,000 worth of this sugar came from the island of Cuba.

Whenever there is anything in sight worth having that will afford an opportunity to advertise the manifold merits of Kansas and at the same time hold down a prominent position, some Kansan invariably comes to the front. Notable instances of this kind are the nomination of W. W. Phillips, of Topeka, as superintendent of the swine department of the Columbian Exposition; the selection of Geo. C. Brackett, of Lawrence, the Secretary of the Kansas State Horticultural Society, as Superintendent of Horticulture at the Columbian Exposition. Mr. Brackett was recently re-elected Secretary of the American Pomological Society, and then endorsed for this place. Prof. E. A. Popenoe, of the Kansas State Agricultural college, is the Secretary of the American Horti-

cultural Society. If a Kansan fails to get a coveted position, it is not for want of opportunity, recognition or endorsement, as is shown in the foregoing. If these nominations are confirmed by the World's Fair management, there will be no question of the success of the departments presided over by such worthy Kansans. The World's Fair Commissioners from this State should look after this matter.

Publishers' Paragraphs.

THROUGH SUEZ.—Bonaparte broached the plan of re-cutting through Suez. Half a century later Engineer De Lesseps did it. He actually changed geography. He broke a continent in two for the world's commerce. An old man now, Count de Lesseps writes for *The Youth's Companion*, in humorous, charming vein, how he came to build the canal.

The *American Sheep Breeder*, of Chicago, is a monthly journal devoted to sheep husbandry exclusively, and should be read by every sheep-owner in the United States. We hope that every sheepman will send to the publishers for a sample copy. It is published monthly at the low price of one dollar a year, or we will furnish the KANSAS FARMER and *American Sheep Breeder*, both papers one year, for only \$1.60. See our special club list.

Just as we went to press last week the order of E. Krauser & Bro., Milton, Pa., came to hand. We had neither time nor space to refer to this card then, but will say that as former advertisers they gave entire satisfaction to our readers, a number of whom furnish voluntary testimony that the Liquid Extract of Smoke is a most excellent article—just what Krauser & Bro. claim it to be. The following is a sample of these testimonials: "I cannot say too much for your Liquid Extract of Smoke, it is excellent, and will do just what you recommend; easily applied, less trouble and expense, and can hang it in a more secure place than a smoke-house, and gives the meat a good flavor, better than you can get from wood, and keeps it solid and entirely free from insects. I recommend it to all who smoke meat."

The Battle of the Breeds.

Special correspondence KANSAS FARMER.

From the display made of the different breeds of cattle at the fat stock show just closed in Chicago, a casual observer would be led to believe that the rivalry between the beef breeds had narrowed down to the Short-horns and Herefords. That the Polled Angus are satisfied with the laurels won in the great victory of two years ago, the most hotly contested ever witnessed in cattle shows of America, is a matter that concerns the owners of the "doddies." It is pertinent to remind them, however, that they cannot afford to stay out of the American Fat Stock Show, the great factor in educating the cattle-raisers of the country.

The contest for the championships between the Herefords and Short-horns was a very interesting part of the show.

Right here it is in place to remark that the misplacement of rare good animals in classes and sweepstakes of breeds played a very unsatisfactory part in awarding grand sweepstakes, as none but first-premium animals in sweepstakes for breeds are eligible to grand sweepstakes. Giving sweepstakes to the winner of fourth premium in class proved to be a handicap to Short-horns when it came to showing for grand sweepstakes, and placed the judging in a bad light before the public.

Short-horns.—M. E. Jones, Williams-ville, Ill., showed a lot of heavy-weights of the early-maturing kind, among these being the yearling Nutcracker, weight 1,762 pounds, and the eleven-months calf Talmage, who tipped the beam at 993, and made an average daily gain of 2.96 pounds, the highest made by any animal in the show. W. H. Renick & Son, Austerlitz, Ky., had eleven head that did honor to the blue grass region, five of them being two-year-olds of the most profitable, easy handling, early-maturing kind, with flesh of just the right mellow-ness and ripeness. Among them was the winner for two-year-olds, Squeeze'em Tight, who was misplaced in sweepstakes. This much-admired steer weighed 1,845 pounds at the age of 890 days, put on 1,000 pounds in twelve months, and made the average daily gain of 2.10 pounds per day, which was the highest gain made by any two-year-old in the show. J. M. Turner,

Lansing, Mich., had two extra good two-year-olds, and walked away with the blue on the yearling Romulus. J. H. Potts & Son, Jacksonville, Ill., showed a smooth lot and were the owners of the two-year-old Captain, who captured sweepstakes. He is a remarkable steer in many respects—good in fore quarters, crops and loin, a little uneven and cut up in the flank.

Herefords.—C. M. Culbertson, Newman, Ill., had a splendid lot of large, smooth cattle of good feeding qualities. Adams Earl, of Lafayette, Ind., showed a straight, even lot of good handlers. Makin Bros., Florence, Kas., had a wonderful good yearling, and won the herd prize for grades and crosses. Thomas Clark, of Beecher, Ill., brought out a fine pair of two-year-olds. J. M. Turner showed some extra good ones, though in the Hereford ring he was "not in it" as he was in Short-horns.

W. S. Van Natta, Fowler, Ind., covered himself with glory by carrying off the honors for champion steer, Hickory Nut, champion herd, and *Breeder's Gazette* special for best steer bred and raised by exhibitor. Hickory Nut, the champion animal of the show, weighed 1,029 pounds at the age of 954 days, and made an average daily gain of 1.71 pounds.

G. W. B.

"Staggers" of Horses.

The veterinary department of the experiment station of the Kansas State Agricultural college, N. S. Mayo, veterinarian, has carefully investigated the disease known as "blind staggers," "mad staggers," or "staggers," and in bulletin No. 24 gives a full account of his researches and conclusions. Fortunately he has ascertained the cause of the disease and has found that its prevention is within the power of horse-owners. This work of Dr. Mayo is most valuable. The bulletin describing it may be had on application to Secretary I. D. Graham, Manhattan, Kas.

The following are Dr. Mayo's conclusions:

The disease variously known as "staggers," "mad staggers," etc., as occurring in Kansas during the past fall and winter, is caused by feeding corn which has been attacked by a mould—*Aspergillus glaucus*. The spores of this mould gain entrance to the circulation, and find lodgment in the kidneys and liver. The latter is more affected than the kidneys, (probably on account of the lower pressure of the circulation.) The spores germinate here, and cause inflammation of these organs. The cerebral symptoms are the result of the formation of an abscess in the cerebrum. This abscess is caused by an interference with the blood supply, probably from spores or mycelia of the mold in the circulation. The spores of *Aspergillus glaucus* seemed to retain their infectious properties for about six months, from October, 1890, to March, 1891. Mules, cattle and pigs do not contract the disease.

Treatment.—In this disease, an ounce of prevention is worth many pounds of cure. The method of prevention is obvious: Do not feed mouldy corn, or turn horses into fields where mouldy corn can be had. In feeding ear corn from the crib, care should be exercised to pick out the mouldy ears, or break off the mouldy tip. In case the corn has been shelled, it can be poured into water, and the mouldy kernels, floating, can be skimmed off.

After an animal has been taken sick, treatment is very unsatisfactory. The animal should be kept as quiet as possible, in a clean, dry, well-ventilated and strong box-stall. A purgative may be given, of about seven drachms of aloes. One drachm of the iodide of potash or three drachms of the bromide of potash can be given in sufficient water every three hours, and cold applications to the poll by means of wet cloths are helpful. In case the spinal cord is affected, a moderate blister can be applied along the spine. Care should be taken to excite the animal as little as possible, and to avoid choking it in giving medicines, as it is often difficult for the animal to swallow.

Back and Thumbscrew

Were scarcely more torturous than the twinges of rheumatism. Not only is it one of the most agonizing, but most obstinate of complaints in its chronic stage. Forestall the untold agonies it inflicts with Hostetter's Stomach Bitters, the finest blood depurant in existence. Dyspepsia, constipation, biliousness and malaria are also completely eradicated by this comprehensive medicine.

Horticulture.

Window Gardening.

Do not have but one window given up to plants, but make that attractive for your family, your visitors, and every passer-by. "If you cannot afford costly plants," says *Good Housekeeping*, "have cheap ones. Perhaps you have no place for plants out of the reach of little fingers, and very little time to attend to their wants, and yet you would like to see some 'green things growing.' You can have some swinging brackets put up each side of the window, with places for one or more plants, a hanging-pot for the center of your window. You can have a pot of *tradescantia* on a bracket in the corner, or under a picture, or on your mantel, where it will grow all winter without a bit of sun, if you don't forget to water it. It is the most patient plant I am acquainted with and I have tried it in many ways.

"If you are intending to keep plants this winter the first thing to be done is to provide them a home. Where are you going to keep them? Which window can you spare? Next to a conservatory, a large bay window facing the south is the very best place for plants, because they have light from either side as well as front. If you can have glass doors between it and the room so much the better. Then you will have a 'little summer all shut in.' The door should be left open at night to let in the warm air. You will need only plain shades at the windows to let down at night to keep out the cold, but roll them high in the day-time so as to get all the sun possible. The outside blinds should be closed at night, and if you live in a cold climate, where the thermometer drops from zero to 30° below, slip some newspapers in behind the curtains when cold nights threaten. Plants like air, but not in drafts. It comes in between the sashes and should be kept out by placing some narrow cotton bags filled with sand upon them. It is advisable to have a hard-wood floor or oil-cloth put down, then a few drops of water won't hurt if spilled on it.

"How will you arrange your plants? Many people have sets of shelves arranged the height of the window sill, and another set half way up the sash. In this way one can accommodate many plants, but they will not look as well as they might some other way. You want your window to look well from the inside for yourself and family to enjoy, and you wish (or ought to) your window to look well from the outside, for the benefit of the passer-by; you can do both."

Douglas County Fruit-Growers.

The Douglas County Horticultural Society met on Saturday last, at their usual place of indoor sessions. Although the day was fair the attendance was unusually small; yet the meeting was interesting and instructive—in fact it could not be otherwise with this live, progressive society, no matter how small the attendance. Among the subjects discussed was that of the strawberry. N. P. Deming believed in the utility of the Crescent as a berry for shipping, while B. F. Smith differed somewhat, contending the berry was too soft for rough handling to and from the cars. Mr. Smith has had more to do with this variety of fruit than probably any other man in the State.

It was earnestly requested that the next meeting be well attended, as it is election day and a new set of officers will be chosen or the old ones reinstated.

Time to Prune Grape Vines.

"Now that the leaves are all down, any pruning necessary may be done," says the *Prairie Farmer*. "It is in many respects better to do it in the fall than in the spring. Grape vines, for example, if pruned in the spring are sure to bleed; while in strong, vigorous vines the injury may not be apparent, one can hardly see how it can do much good. A grape vine allowed to clamber of its own sweet will gets crowded with a mass of small shoots, and while, without doubt, a greater number of bunches may show in the spring if nothing is done to them, it will be at the expense of a fine quality. If one is going to market his product he will be apt to find out to his cost. As a purchaser he would leave the culls alone and buy only the fair to look at. Surely then, if he wants to grow for his own family, use he wants

nothing but the best. To obtain these he must prune and thin. There is hardly a doubt, however, that he will find various enemies, rather worse to contend against by interfering with nature's methods, but that seems a part of the ordination of nature. This he must put up with and try to combat these diseases as they appear.

"This pruning, then, is primarily to ward off nature's method of overproduction and so regulate things that any plant or tree shall furnish the finest samples of its kind. A grape vine is not very difficult to prune, the main idea being to allow a given number of main shoots from the eyes or spurs on the sides; then comes the young growth next spring and from these the bunches of fruit. Main branches may be left two or three feet apart and all side shoots cut back to one or two eyes.

"Wherever the winters are severe the end of the shoot cut is apt to dry out, and this may include the last bud left. To obviate this a piece of the wood should be left beyond the eye or bud. It is not a very gardener like way of pruning but it is better to let that remain and insure a good full bud. Wherever the room will allow it on the trellis, building, fence, or elsewhere, of course the ends should be left half their lengths, or to where good strong buds are."

Money in Cabbage and Celery.

"Blood will tell." Good crops can not be grown with poor strains of seed.

For sixteen years Tillinghast's Puget Sound Cabbage, Cauliflower and Celery Seeds have been gaining in popularity. The most extensive growers all over the Union now consider them the best in the world. A catalogue giving full particulars regarding them will be sent free to any one interested. When writing for it enclose 20 cents in silver or postage stamps and we will also send "How to Grow Cabbage and Celery," a book worth its weight in gold to any grower who has never read it. Address

ISAAC F. TILLINGHAST,
La Plume, Pa.

A Fortune in Poultry.

These are facts: Chickens hatched in incubators in January or February sell for a dollar, when six weeks old. Any person can make a 200 egg incubator for a dollar. On a small lot, without neglecting other business, one thousand dollars can be made in three months, raising early chickens. Ladies and persons infirm are often most successful. Complete directions for making the Dollar Incubator can be procured by addressing The Poultry Adviser Co., Zanesville, Ohio, enclosing nine 1-cent stamps for postage, etc. This is an easy way of making money and is certainly worthy a trial.—Adv.

Through Sleeping Cars—Kansas City to Hot Springs.

Commencing November 15, the Missouri Pacific Railway Company will resume its through sleeping car service between Kansas City and Hot Springs, Arkansas, "the world's sanitarium and resort," leaving Kansas City at 9:10 p. m. via the "Wagoner Route," through the beautiful Indian Territory and Arkansas valley, via Coffeyville, Wagoner, Ft. Gibson, Van Buren, Ft. Smith and Little Rock. For tickets, descriptive and illustrated pamphlet and further information, call on or address company's agents, or H. C. Townsend, General Passenger Agent, St. Louis.

The Way to Go.

You have seen California frequently mentioned in newspapers and magazines. Perhaps a friend has been there, and writes enthusiastic letters back home about the climate and the fruits. It makes you anxious to see the country for yourself.

The time to go is in the Fall and Winter. Then work here is less pressing and California climate is most pleasing. The way to go is via Santa Fe Route, on one of that line's popular, personally conducted parties, leaving Chicago every Saturday evening, and leaving Kansas City every Sunday morning.

Special agents and porters in attendance. Pullman tourist sleepers are used, furnished with bedding, mattresses, toilet articles, etc. Second class tickets honored. Write to G. T. Nicholson, G. P. & T. A., Santa Fe Route, Topeka, Kas., for copy of folder describing these excursions.

DOCTORS RECOMMEND

Ayer's Cherry Pectoral in preference to any other preparation designed for the cure of colds and coughs, because it is safe, palatable, and always efficacious.

"After an extensive practice of nearly one-third of a century, Ayer's Cherry Pectoral is my cure for recent colds and coughs. I prescribe it, and believe it to be the very best expectorant now offered to the people. Ayer's medicines are constantly increasing in popularity."—Dr. John C. Levis, Druggist, West Bridgewater, Pa.

For croup and whooping cough, take

Ayer's Cherry Pectoral,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by all Druggists. Price \$1; six bottles, \$5.

The Poultry Yard.

POULTRY SHOW.

DECEMBER 16-23.—Third annual show of the Kansas State Poultry Association, at Topeka, Kas.

Arkansas Valley Poultry Show.

The Arkansas Valley Poultry Association will hold a four days' session at Wichita, beginning on the 28th of December. The exhibition will be open to the whole State, and from present indications every county in the State will be represented, making the greatest display of poultry yet shown in this Western country. The premiums promise to be large; upwards of \$500 in special premiums have been subscribed, which, added to those offered by the association, will make lively competition in all classes. Wichita knows how to conduct these exhibitions, and to that end have secured the services of C. A. Emery, of Carthage, Mo., as judge for this occasion. This gentleman is considered about the most competent judge west of the Mississippi river.

For full particulars address, Judge G. W. C. Jones, Wichita, Kas.

Send in your 50 cents and join the Poultry Association of Kansas; we must have two hundred members before the show, December 16 to 23. Come now; if you are any good you will show it by sending us the 50 cents, and you mind this will be the largest show ever held in the West.

J. P. LUCAS.

Topeka, Kas.

Butler's Book.

The announcement that "Butler's Book," which has for some time been in preparation, will soon be on the market, will quicken the interest in the work which has been felt throughout the Union. In General Butler the people have ever had a deep interest, hence "Butler's Book" will have a large sale. Made up as an autobiography, with personal reminiscences, it can hardly fail to be readable and interesting. General Butler's political life has been an active one. His was a position in the front rank of the campaign for the shorter hours for the working men of Lowell, a campaign which turned that busy city upside down, but which has since resulted in much of good for laborers. He also participated in the forming of new parties, and was prominent in all matters of State and national legislation which the times themselves made important.

It is chiefly, however, in his military capacity that the author brings to light documents, letters, maps, etc., which are of special value to the history of our country. Here again he was a leader. In this book he opens much commentary evidence entirely new to the public gaze which tells its own story completely.

The book will be finely gotten up; of about 1,200 pages of royal octavo size, and profusely and accurately illustrated with nearly 200 views, portraits and maps, specially prepared. It is to be secured only through canvassing agents, who are now in the field. There is but one authentic and genuine edition.

Farm Loans.

Lowest rates and every accommodation to borrowers on good farm loans in eastern Kansas. Special rates on large loans. Write or see us before making your renewal.

T. E. BOWMAN & Co.,
Jones Building, 116 W. Sixth St., Topeka.

Attend the Topeka Shorthand Institute
521 and 523 Quincy St., Topeka, Kas.

"It leads them all," is the general reply of druggists when asked about the merit or sales of Hood's Sarsaparilla.

STEKETEE'S



IMPROVED HOG CHOLERA CURE

What They Say of Steketee's Hog Cholera Cure:

BRIDGTON, Mo.—I am well pleased with your Hog Cholera Powders. **BARNES SOLOMON.**
KUMKA, Ill.—I will say in regard to your Hog Cholera Cure, that my hogs look better since using your powders. **DANIEL BAKER.**
MILLETTS, S. D.—I am well pleased with the results of your Hog Cholera Cure. **A. D. BELL.**
GALSBVILLE, Wis.—I want a package of your Dry Bitters, if they are as good as your Hog Cholera Cure is for worms. Your Powders do kill worms. **GEO. KLIN.**

These Powders are 50 cents per package at the drug stores, or 60 cents by mail; three for \$1.50, express paid. P. S.—Steketee's Hog Cholera Cure is the same thing as used for Pin-Worms in Horses. Address

G. G. STEKETEE,
Grand Rapids, Mich.

Mention KANSAS FARMER.



CAPONS.

Every farmer and poultryman should caponize his cockerels, whether for market or home use. You can add \$1.00 in value to every cockerel you caponize. Dow's Caponizing Instruments Are Simple, Plain and Cheap. Full set, with instructions, sent anywhere for \$2.50 (post-paid). Address
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Our book "Caponizing" in cloth, 50c., paper, 25c.

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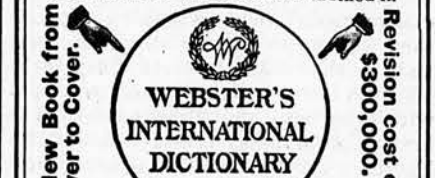
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One washer sold at wholesale price where we have no agent. For full particulars and catalogue, address The Buckeye Churn Co., P. O. Box 97, 414-427, Ohio.

In the Dairy.

Warm Stables.

In writing upon the subject, a correspondent, in one of our exchanges, states a few important facts in the following manner:

"A man's first duty is to provide for the comfort of his family, after that the stock demands care. Stables should be made as warm as possible. A few laths and small nails will make a wonderful difference in the temperature of an otherwise cold-as-all-outdoors stable. Heat in animal life is produced by the consumption of food by much the same sort of process that fuel is burned in the stove; and just as the stove radiates heat and warms the room, so the animal throws off its bodily warmth, which must be kept steadily at a temperature of 98 or 100° or the animal dies. Steam boilers are jacketed with asbestos felt—a sort of mineral fiber which resists heat—in order to economize fuel, and the wise cattle owner, who has to toll and sweat in summer to provide winter food for his animals, finds that there is considerable fodder in pine boards—judiciously applied. Where food is so plenty that it may be had for the taking or where timber shelter and natural grasses cure on the ground, as in some sections of the West and Northwest, stock may live and thrive even better than that which is scantily fed, and compelled to stay in drafty hovels part of the time, without even enough to eat of the plainest kind of fare."

Butter-Extractor.

"Within a few miles of this office is a butter-extractor at work," says the *Rural New Yorker*. "There is a whiz and a whirl and the skim-milk runs out at one point, and the butter drops away at another. It is all done 'while you wait.' Within a short distance of the extractor a tired man brings his milk from the barn in a pail. A still more tired woman strains it into pans, and puts the pans carefully away. Later on the pans are skimmed by hand; the cream is poured into a cream pot and from that into a churn. Then the tired woman, 'between times' lifts about ten tons of weight on the churn dasher in making the butter come—with working and washing pans to follow. What a contrast! How it illustrates the wonderful forces that are at work changing every feature of our industrial life. The man who will not grow, who refuses to modify his practices as his competitors learn and adopt newer and more scientific methods, cannot stand still. He must get out of the race or stand and be crushed."

The Dairyman's Wise Sayings.

The well-fed cow proveth her owner's wisdom.
The quality of the butter testifieth to its maker's skill.
The pot-bellied, staring-coated, hide-bound calf reflecteth upon its feeder's common sense.
The kicking cow betrayeth a want of knowledge in her breaker.
The gentle cow acquirith the character of her trainer.
Swearing in the stable betokeneth the presence there of brutes with two legs as well as those with four.
The filthy cow showeth the state of laziness her keeper hath arrived at.
The broken milking stool indicateth expensive wrath.
The hole-in-the-ice drinking place associateth itself with a stable full of cracks.
The small meal bin soon goeth into partnership with a slim pocket-book.
The dust from badly-cured hay taketh off the gilt-edge of the profit.
The rat-hole in the manger eateth meal faster than the cow.
The manure piled under the eaves enricheth not the crop.
The un-let-down bar in the pasture fence teacheth the cows to jump.
The too-small ration explaineth why the butter money payeth not for the groceries.
The approaching cold rains calleth for haste in stabling the cows.
The big straw stack and the cows without sufficient bedding revealeth a state of unwisdom in the owner thereof.
The setting of much milk in crocks curveth the spine of the setter.
The milk cow selleth not for much

money as beef, but she getteth there for many years when milk is wanted.

The general-purpose cow filleth the eye of the man who steereth towards steer dairying.

"German Syrup"

For Coughs & Colds.

John F. Jones, Edom, Tex., writes: I have used German Syrup for the past six years, for Sore Throat, Cough, Colds, Pains in the Chest and Lungs, and let me say to anyone wanting such a medicine—German Syrup is the best.

B. W. Baldwin, Carnesville, Tenn., writes: I have used your German Syrup in my family, and find it the best medicine I ever tried for coughs and colds. I recommend it to everyone for these troubles.

R. Schmalhausen, Druggist, of Charleston, Ill., writes: After trying scores of prescriptions and preparations I had on my files and shelves, without relief for a very severe cold, which had settled on my lungs, I tried your German Syrup. It gave me immediate relief and a permanent cure.

G. G. GREEN, Sole Manufacturer,
Woodbury, New Jersey, U. S. A.

GOOD NEWS FOR THE MILLIONS OF CONSUMERS OF Tutt's Pills.

It gives Dr. Tutt pleasure to announce that he is now putting up a **TINY LIVER PILL** which is of exceedingly small size, yet retaining all the virtues of the larger ones. They are guaranteed purely vegetable. Both sizes of these pills are still issued. The exact size of **TUTT'S TINY LIVER PILLS** is shown in the border of this "ad."

CANCERS

SOROFULA AND TUMORS

Permanently cured, without the aid of the Knife or Plaster, or detention from business. Send for Proof, naming this paper. Consultation free.
DR. H. C. W. DESHLER, Specialist,
625 Harrison Street. TOPEKA, KANSAS.

CANCER

A cure assured, with three to eight weeks treatment. Write for testimonials and information, or come and be examined by our Medical Director, M. S. Roehelle.
THE WICHITA REMEDY COMPANY,
WICHITA, KANSAS.

Weak Men

Instant relief. Cure in fifteen days. Never returns. A simple means of self-cure. Sent (sealed) to sufferers from youthful errors. Lost Manhood, Nervous Debility, Varicocele, etc. Address with stamp, L. S. FRANKLIN, Music Dealer, Marshall, Mich.

TANSY PILLS!

Safe and Sure. Send 4c. for "WOMAN'S SAFE GUARD." Wilcox Specific Co., Phila., Pa.

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"THE MONEY SAVERS,"

Send 6 cents for Catalogue, everything you eat, use and wear,

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Mention this paper when ordering.

FARMERS Saw and Grist Mill, 4 H.P. and larger. Catalogue free. DeLoach Mill Co., Atlanta, Ga.

Shipping Horses.

Always have something to put on wounds. Phenol Sodique arrests inflammation immediately. Natural healing follows. Equally good for all flesh.

If not at your druggist's, send for circular.

HANCE BROTHERS & WHITE, Pharmacists, Philadelphia.

Look out for counterfeits There is but one genuine Better sent out and have it to refer to.

GREAT "ACTINA" ONLY KNOWN CATARRH CURE.



The above figure represents the manner in which our Magneto-Conservative Garments are worn. It can be readily understood that they are not worn next to the skin, nor have they to be dipped in acids. The dangerous character of Electric Belts charged with acid and worn next to the skin is too well known to be repeated here. PROF. WILSON'S system is as distinct from these dangerous Copper and Zinc Belts as a pine knot in an Indian's wigwam to the electric lights of our stores and city streets. There need not be a sick person in America (save from accidents) if our Magneto-Conservative Underwear would become a part of the wardrobe of every lady and gentleman, as also of infants and children.

One million people in Europe and America are wearing our Magneto-Conservative garments—they cure all forms of disease after the doctors have utterly failed. There is no form of disease our garments will not cure. Gout, Rheumatism, Paralysis, Consumption, Constipation, Stiff Joints, Ours garments cure when all drug treatments fail. Twenty-five thousand people in Kansas City testify to our marvelous cures. If you suffer it serves you right. Listen to your doctors and life. Wear our Magneto-Conservative Garments and live.

READ GENERAL REPORT FROM NATIONAL MILITARY HOME—Catarrh, Color-Blindness, Near-Sightedness, Quinsy and other forms of Disease Cured by one Instrument.

NATIONAL MILITARY HOME, LEAVENWORTH, KAN., March 12, 1891.
Your letter received. I answer with much pleasure. I am well pleased. The Actina has been doing good work. My left ear was nearly deaf—now completely restored. My throat has been affected for nearly ten years—have had quinsy several times—now completely cured; my eyes are greatly improved. Mr. White uses it for throat and eyes; has congested, weak eyes; has been greatly benefited. Mr. Mason, an old case of catarrh, has been greatly benefited; he is an old case; has spent several hundred dollars with specialists, and says he has received more benefit from the use of Actina than all the rest put together; he has thrown his glasses away. One case of a comrade I mention; has been near-sighted since 14 years old, and nearly blind for five years; one eye greatly improved; the other was treated with caustic; he says if both eyes were equally good he could read; he can distinguish colors, which he could not do for five years. I am coming to Kansas City as soon as I can. I want a \$16 Belt and \$2.50 Insoles. There are several other comrades in the Home who have bought your Belts, and I have heard favorable reports of their effects. A great many intend getting your Actina and Garments as soon as they get their pensions.
Yours respectfully, **MORGAN WALBIEFF, Co. B, 65th Ill.**

IMPORTANT NOTICE—We have a Patent on Actina, No. 341,713, also Copyright and Trade-Mark on the word Actina. We will prosecute all infringers.

Private Parlor for Ladies. Office Hours—8 a. m. to 10 p. m. Sundays—9 a. m. to 4 p. m. Address all private matter to PROF. WILSON.

NEW YORK & LONDON ELECTRIC ASS'N, Mfrs., 1021 Main Street, KANSAS CITY, MO.

No Trees LAST & BEAR like WHOLE ROOT Trees; see "Fruit and Fruit Trees" Free. Amer. Garden says: Novel, USEFUL, to the point. Orange Ludd Farmer: Ably written; gives trustworthy information. Fruit Grower: Surprising LOW prices! Apple, Pear, Cherry, Plum, PRUNE, Peach, Apricot, Quince, Nut, Oak Trees, Grafts, ROSES—everything. No larger stock in U.S. No BETTER. No cheaper. **STARK BROS., 12th St., Louisville, Mo.** Founded 1825; OLDEST 1800 A.D. **STARK**

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For Wind-breaks, Ornament, etc. Hardest Varieties, barren, grown Scotch Pine, 2 to 3 feet, \$10 per 100. Scotch and Austrian Pine seedlings, 12 to 15 inches, \$10 per 1000. Other sizes and varieties in proportion. Over 10 million for sale. Good local AGENTS WANTED.
D. HILL, Evergreen Specialist, Dundee, Illinois.

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The Largest and Nicest stock in the West of all kinds of **FRUIT TREES, GRAPES, VINES, Forest Seedlings and SMALL FRUITS.** Write for our New Price List and our pamphlet on "Cost and Profit."
HART PIONEER NURSERIES
Mention this paper. Fort Scott, Kansas.

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The best Hollow-Ground Razor, set ready for use, with a fine Jeweled Pin, will be mailed to you—address, without extra charges, for \$1.10, and warranted to give satisfaction or money returned. This offer will be good only for a short time.
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Manufacturers and Importers of Cutlery,
89 Dey St., New York City.

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Estimates cheerfully given. Work guaranteed satisfactory.
O. W. Douglass, 8th & Kas. Ave., Topeka.

OATS

—104 BUSHELS PER ACRE—

Why not produce the same marvelous results? You can if you will read and heed "SECRETS OF SUCCESS" by the "Gilt Edged Farmer." Write for particulars. **H. H. DEWESE** PIQUA, OHIO.

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We have decided to give away **5000** of these PHOTOGRAPHIC OUT-FITS FREE, out of this ad., and return it to us with 10 cents in silver and we will send you a package containing all of the following—1 copy of *Gilt Edged Farmer*, a standard juvenile book, 1 Game of Authors, 48 cards, 1 Set of Dominoes, 1 Chess and Checker Board with men, 1 Mytlo Age Tablet, Fox and Geese and Nine Men, Morris Boards with Men, 40 Choice Conundrums, 275 Autograph Album Selections, 11 Parlor Games, 18 Magical Experiments, Game of Fortune, Morse Telegraphic Alphabet and 10 other Games.
This is a bona-fide offer by a thoroughly reliable firm to the subscribers of this paper. Satisfaction Guaranteed. Show this to your friends. Address, **Glen Camera Co., 294 Broadway, N. Y.**

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Dialogues, Speakers, for School, Club and Parlor. Catalogue free. **T. S. DENISON, Publisher, Chicago.**

BROOMCORN.

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This is one of our specialties. We guarantee top prices, quick cash sales and prompt remittances. Shipping tags, market reports, etc., sent free upon request.

We also handle

WOOL, HIDES, PELTS, FURS, Etc.

A. J. CHILD,

No. 209 & 211 MARKET STREET, ST. LOUIS, MO.

The Veterinarian.

We cordially invite our readers to consult us whenever they desire any information in regard to sick or lame animals, and thus assist us in making this department one of the interesting features of the KANSAS FARMER. Give age, color and sex of animal, stating symptoms accurately, of how long standing, and what treatment, if any, has been resorted to. All replies through this column are free. Sometimes parties write us requesting a reply by mail, and then it ceases to be a public benefit. Such requests must be accompanied by a fee of one dollar. In order to receive a prompt reply, all letters for this department should be addressed direct to our Veterinary Editor, Dr. S. C. ORR, Manhattan, Kas.

RHEUMATISM.—My pigs are troubled with lameness. They swell in the joints and then sometimes get better. I have one that is not swelled but lies down nearly all the time. R. D. R. Garfield, Kas.

Answer.—Your pigs have rheumatism. Put them in a warm dry pen and rub the joints with a liniment made of equal parts of sweet oil, aqua ammonia and turpentine. Give to each pig half a teaspoonful of bicarbonate of potash in a little sweet milk three times a day for a week.

WEAK STIFLES.—I have a three-year-old mare that showed a little lameness about a year ago, and has gone lame several times since. I was unable to locate the lameness until lately, when I saw the hind leg stiffen so that she could not move her foot, and then the stifle joint would give a little pop and she would move off all right. Sometimes it is in one leg and sometimes in the other. H. M. Thayer, Kas.

Answer.—The lameness is due to weakness of the internal lateral ligaments of the joint, allowing the patella to slip outward from its natural position, with, probably, a slight affection of rheumatism. Give the mare, in feed three times a day, one of the following powders: Bicarbonate of potassium, 6 ounces; powdered colchicum seed, 2 ounces; mix, and divide into thirty powders. Apply a blister of cerate of cantharides to the inside and front of one stifle joint, and in two weeks apply it to the other one. Repeat the blistering again in a month. Feed the mare liberally on oats, bran and hay; give her moderate exercise but do not let her get wet.

OUT OF CONDITION.—I have some mares that raised colts the past summer, and they seem to be hide-bound and out of condition. They seem to eat enough but do not respond to the feed. I suspect they may be troubled with worms, and yet I see no indications of them. I want a prescription through the KANSAS FARMER that will clean them out and give them a start. D. P. N. Council Grove, Kas.

Answer.—If you suspect the presence of worms, give each of your mares, according to size, from a pint to a pint and a half of raw linseed oil and one ounce of turpentine well shaken together. This is best given on an empty stomach. Now take powdered sulphate of iron, 1½ drachms; powdered licorice root and tartar emetic, of each 1 drachm; mix. Give this at one dose morning and night for one week, then repeat the oil and turpentine. If the worms are of the small round variety—*Ascarides* or pin-worms, their removal can be greatly facilitated by dissolving a tablespoonful of common salt in a quart of warm water and injecting into the rectum every other day while giving the other medicine. For a general condition powder you can take powdered gentian, Jamaica ginger, sulphate of iron and nitrate of potash, of each 8 ounces; powdered fenugreek seed and ground linseed, of each 1 pound; mix, and give a heaping tablespoonful in bran or oats, slightly moistened, three times a day.

Los Angeles Cal.

Gen. W. E. Veazie writes as follows: "With Quinn's Ointment I have removed swelling on Hook Joint which has been there three years, also use it for Splints on number of my Colts. It has taken them off in every case." For Curbs, Spavins, Windpuffs, use it. Trial box 25 cents silver or stamps. Regular size \$1.50 delivered. Address W. B. Eddy & Co., Whitehall, N. Y.

Topeka Shorthand Institute, 521 and 523 Quincy St., Topeka, Kas.

Attend the Topeka Business College, 521 and 523 Quincy St., Topeka, Kas.

BEECHAM'S PILLS are faithful friends.

MARKET REPORTS.

LIVE STOCK MARKETS.

Kansas City.

November 30, 1891. **CATTLE**—Sales 3,328. A fair market; best offerings firm and rather higher; good cows also sold well; culling stock was weak. Shipping steers, \$3 10a 10; corn-fed Colorado, \$3 20a \$3 60; corn-fed Western, \$2 90a 3 25; wintered Texas, \$2 95; cows, \$1 35a 2 55; bulls, \$1 00a 2 25; heifers, \$1 25a 1 40; Texas steers, \$2 10a 2 50; Colorado steers, \$2 15; stockers and feeders, \$2 70a 3 20.

HOGS—Receipts 8,919. There was quite a break in this market. Early sales showed a loss of 5a 10c per cwt., later as much as 15c per cwt. At this reduction there was fair trading. Range of packers' hogs, \$3 35a 3 90; bulk of sales, \$3 55a 3 75.

SHEEP—Receipts 656. All consigned to killers at about \$3 90.

Chicago.

November 30, 1891. **CATTLE**—Receipts 16,000. Market active. Prime to choice natives, none; top prices, \$4 70 a 5 70; others, \$3 30a 4 75; Texans, \$4 50; stockers, \$3 00a 3 80; cows, \$1 15a 2 75.

HOGS—Receipts 64,000. Market active. Rough and common, \$3 50a 3 85; mixed and packers, \$3 70a 3 75; prime heavy and butcher weights, \$3 85a 3 90; prime light, \$3 25a 3 70.

SHEEP—Receipts 7,000. Market steady. Native ewes, \$2 00a 2 25; mixed, \$4 15a 4 50; wethers and yearlings, \$4 60a 5 25; Westerns, \$4 25a 4 75; Texans, \$3 90; lambs, \$3 50a 5 25.

St. Louis.

November 30, 1891. **CATTLE**—Receipts 1,700. Market higher. Fair to choice natives, \$3 50a 5 00; Texas and Indian steers, \$2 10a 3 00; do. cows, \$1 30a 2 25.

HOGS—Receipts 3,700. Market lower. Fair to fancy heavy, \$3 50a 3 95; mixed, \$3 30a 3 75; light, fair to best, \$3 40a 3 60.

SHEEP—Receipts 1,100. Market strong. Fair to choice, \$2 40a 2 80.

GRAIN AND PRODUCE MARKETS.

Kansas City.

November 30, 1891. **WHEAT**—Receipts for the past forty-eight hours, 112,000 bushels. Market fairly active and steady. By sample on track: No. 2 hard, 80c; No. 3 hard, 76c; No. 4 hard, 68a 72c; No. 2 red, 85c; No. 3 red, 80c; No. 4 red, 72a 75c.

CORN—Receipts for the past forty-eight hours, 84,600. By sample on track: No. 2 mixed, 38c; No. 3 mixed, 38c; No. 4 mixed, 37c; No. 2 white, mixed, 39½c; No. 3 white mixed, 38½c.

OATS—Receipts for the past forty-eight hours, 24,000 bushels. By sample on track: No. 2 mixed, 30c; No. 3 mixed, 29c; No. 4 mixed, 28c; No. 2 white, mixed, 31½c; No. 3 white, mixed, 31c.

RYE—Receipts for the past forty-eight hours, 20,500 bushels. By sample on track: No. 2, 84½c; No. 3, 78c.

CASTOR BEANS—Steady and in good demand. We quote crushing, in car lots, at \$1 65 per bushel upon the basis of pure, and small lots 10c per bushel less.

FLAXSEED—Firm and in good demand. We quote at 85c per bushel, upon the basis of pure.

HAY—Receipts for the past forty-eight hours, 200 tons. Market active and higher. We quote: New prairie, fancy, per ton, \$7 50; good to choice, \$6 50a 7 00 per ton; prime, \$5 50a 6 00; common, \$5 00. Timothy, fancy, \$10 00; choice, \$9 50.

Chicago.

November 30, 1891. **WHEAT**—No. 2 red, 91½a 91¾c; No. 3 spring, 81½c.

CORN—No. 2, 74c.

OATS—No. 2, 31½a 32½c.

St. Louis.

November 30, 1891. **WHEAT**—Receipts 99,000 bushels. No. 2 red, 93½a 99½c.

CORN—Receipts 207,000 bushels. No. 2, 41a 41½c.

HORSE OWNERS! TRY GOMBAULT'S CAUSTIC BALSAM



A SAFE, SPEEDY AND POSITIVE CURE FOR CURB, SPLINT, SWEENY, CAPPED HOCK, STRAINED TENDONS, FOUNDER, WIND PUFFS, SKIN DISEASES, Thrush, Diphtheria, all Lamenesses from Spavin, Ringbone or other Bony Tumors. Removes all Bunches or Blebs from Horses and Cattle.

SUPERSEDES ALL CAUTERY OR FIRING. IMPOSSIBLE TO PRODUCE SCAR OR BLEMISH. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars. THE LAWRENCE, WILLIAMS CO. Cleveland, O.

SHIP YOUR BUTTER, EGGS, POULTRY, CALVES, WOOL, HAY, POTATOES, Green & Dried Fruits, to

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Drop us a postal for Stencil, Tags, etc. Liberal advances on consignments. Quick sales, prompt returns.



SMOKE YOUR MEAT WITH KRAUSERS LIQUID EXTRACT OF SMOKE. SEND FOR CIRCULAR. E. KRAUSER, BRO. MILTON, PA.

SEND FOR CIRCULAR. E. KRAUSER, BRO. MILTON, PA.

BROOM CORN!

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THE STRAY LIST.

FOR WEEK ENDING NOV. 18, 1891.

Coffey county—O. P. Mauck, clerk.
STEER—Taken up by Wm. Vermillion, in Lincoln tp., November 7, 1891, one bright red steer, 8 years old, no marks or brands.

Johnson county—W. M. Adams, clerk.
STEER—Taken up by J. C. Sterritt, P. O. Olathe, November 5, 1891, one red 2-year-old steer, square cut under left ear; valued at \$20.

Sumner county—Wm. H. Carnes, clerk.
HORSE—Taken up by Solomon Heralston, in Bluff tp., November 11, 1891, one black horse, one white hind foot; valued at \$20.
HORSE—By same, one sorrel horse, split ears; valued at \$15.

Decatur county—N. E. Miller, clerk.
MARE—Taken up by Frank Nelberding, Dred'n tp., P. O. Dresden, September 26, 1891, one bay mare, 4 years old, branded K on right shoulder; valued at \$30.

Marshall county—Jas. Montgomery, clerk.
PONY—Taken up by Hill brothers, in Waterville tp., October 19, 1891, one brown horse pony, 5 years old; valued at \$15.

PONY—By same parties, at same time and place, one roan mare pony, 10 years old; valued at \$15.

Comanche county—J. B. Curry, clerk.
4 HORSES—Taken up by Samuel P. Price, in Ramsey tp., November 5, 1891, four horses, three females and one male; three weigh 750 pounds each and one 600 pounds; two dun, one black, one sorrel; duns branded AC on left shoulder, black branded MU on left shoulder, sorrel pony's brand cannot be read; valued at \$30.

Labette county—Geo. W. Tilton, clerk.
MARE—Taken up by Wm. Bell, in Elm Grove tp., P. O. Edna, September 25, 1891, one brown mare, about 12 years old, collar marks, cut bed in right hind leg, small rug; ure on left side, about 16 hands high.

Shawnee county—John M. Brown, clerk.
STEER—Taken up by J. G. Moran, in Auburn tp., P. O. Auburn, October 24, 1891, one red 2-year-old steer, dehorned, branded H on left hip and side, white on end of tail; valued at \$15.

Montgomery county—G. W. Fulmer, clerk.
PONY—Taken up by Claud Philo, P. O. Rutland, October 1, 1891, one bay horse pony, 8 years old, white spot in forehead and snip on nose; valued at \$20.
MULE—Taken up by S. W. Wood, P. O. Caney, October 30, 1891, one dark brown horse mule, 4 years old, branded CX on right shoulder; valued at \$30.

FOR WEEK ENDING NOV. 25, 1891.

Osage county—J. H. Buckman, clerk.
STEER—Taken up by Henry Deister, P. O. Melvern, November 7, 1891, one red steer, 8 years old, crop and under-bit in right ear, dehorned, white face; valued at \$22.
STEER—By same, one red muley steer, 1 year old; valued at \$10.

Barber county—W. T. Rouse, clerk.
PONY—Taken up by Peter Ruffing, in Medicine Lodge tp., November 4, 1891, one bay mare pony, about 4 years old, weight about 800 pounds, white strip in forehead and left hind foot white from hoof to pastern joint, no marks or brands; valued at \$30.

PONY—Taken up by J. B. Waters, in Etta tp., P. O. Etta, July 13, 1891, one brown-roan horse pony, about 7 years old, about 15 1/4 hands high, weight about 550 pounds, branded T on left hip, C and D joined together on left shoulder and brand similar to T on left leg, white in forehead running near to right eye; valued at \$15.

FILLY—Taken up by Alonzo Hall, in Kiowa tp., P. O. Kiowa, November 4, 1891, one steel-gray filly, dark mane and tail, 13 hands high, light blaze in face, no marks or brands; valued at \$15.

Douglas county—M. D. Greenlee, clerk.
COW—Taken up by Wm. Brown, in Wafarusa tp., November 3, 1891, one roan cow, 6 years old, branded H on right rump, crop off right ear; valued at \$18.

Wabunsee county—C. O. Kinne, clerk.
MARE—Taken up by J. J. Sisson, in Plumb tp.,

P. O. Harveyville, October 7, 1891, one large iron-gray mare, about 8 years old, nick in tip of left ear; colt at side; valued at \$5.

MARE—By same, one small bay mare, 4 or 5 years old, white strip in face, both hind feet white; valued at \$25.

MARE—By same, one bay mare, 2 years old, had bell on, white in face and white hind feet; valued at \$25.

MARE—By same, one bay mare, 3 years old, white in face, white hind feet; valued at \$15.

COLT—By same, one brown horse colt, 1 year old, star in forehead; valued at \$20.

Lyon county—C. W. Wilhite, clerk.

STEER—Taken up by James Greer, in Pike tp., November 10, 1891, one 2-year-old light roan steer, dehorned, both ears cropped; valued at \$25.

STEER—Taken up by E. L. Bugbee, in Center tp., November 10, 1891, one 2-year-old red and white spotted steer, dehorned, end of left ear slit, right ear cropped; valued at \$23.

Pottawatomie county—L. D. Hart, clerk.

STEER—Taken up by Vincent Umscheld, in Pottawatomie tp., November 9, 1891, one nearly black yearling steer, white star in forehead, white on belly; valued at \$15.

STEER—By same, one brindle yearling steer, white stripes on head, white belly, left ear cropped; valued at \$12.

Brown county—N. E. Chapman, clerk.

PONY—Taken up by Peter Reid, in Mission tp., November 1, 1891, one black mare pony, about 2 years old, no marks or brands visible; valued at \$15.

FOR WEEK ENDING DECEMBER 2, 1891.

Morton county—T. G. Williams, clerk.

COW—Taken up by John Moore, in Missouri tp., October 26, 1891, one red cow, blind in one eye, brand M H I L; valued at \$10.

Nemaha county—W. E. Young, clerk.

STEER—Taken up by Lewis Seanner, in Berwick tp., P. O. Berwick, October 21, 1891, one red steer, 1 year old, no marks or brands; valued at \$15.

PONY—Taken up by R. L. Clelland, in Harrison tp., P. O. Goffa, November 9, 1891, one light bay mare pony, white strip in face, two white hind feet, no marks or brands; valued at \$25.

Wabunsee county—C. O. Kinne, clerk.

FILLY—Taken up by T. W. Wilson, in Rock Creek tp., P. O. Chalk Mound, November 3, 1891, one dark bay filly, pony size, 3 years old, unbroken, no marks or brands; valued at \$20.

Osage county—J. H. Buckman, clerk.

STEER—Taken up by W. B. Artz, in Valley Brook tp., P. O. Osage City, November 1, 1891, one white and black Holstein steer, 2 years old, no marks or brands; valued at \$14.

STEER—By same, one red steer, 2 years old, branded O on hip; valued at \$14.

Morris county—G. E. Irvin, clerk.

STEER—Taken up by John Zursuchen, in Warren tp., October 23, 1891, one red steer, about 1 1/2 years old, both ears slit and two pieces cut out of lower side of left ear, no other marks or brands visible; valued at \$12.

Franklin county—O. M. Wilbur, clerk.

STEER—Taken up by C. T. Sears, in Williamsburg tp., one roan steer, 3 years old, dehorned, obscure brand on right rump.

Anderson county—S. Durall, clerk.

STEER—Taken up by N. G. Nelson, in Reeder tp., November 13, 1891, one red and white steer, 2 years old, ring in left ear, no other marks or brands visible; valued at \$6.

STEER—Taken up by A. Babcock, in Welda tp., November 3, 1891, one red and white spotted steer, 2 years old, dehorned, small notch in under side of right ear; valued at \$16.

Lyon county—C. W. Wilhite, clerk.

STEER—Taken up by D. S. Richards, in Center tp., November 2, 1891, one red roan steer, 3 years old, branded N on right hip; valued at \$30.

STEER—By same, one 3-year-old steer, red, some white in forehead, branded N on right hip, both ears are marked, an oval cut on under side of right ear; valued at \$30.

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"For Sale," "Wanted," "For Exchange," and small advertisements for short time, will be charged two cents per word for each insertion. Initials or a number counted as one word. Cash with the order.

Special.—All orders received for this column from subscribers, for a limited time, will be accepted at one-half the above rates—cash with the order. It will pay you! Try it!!

TWO MILLION HEDGE PLANTS AND APPLE seedlings for sale. F. Babcock, Topeka, Kas.

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WANTED—A man for every county in the State to sell Shaffer's new Pancake Griddles. Agents can make \$5 to \$10 per day. Address John Marsh, Topeka, Kas.

SAVE DRUDGERY, EXPOSURE, TIME, FEED and expense, by using Howard's Cattle Rack. Address: H. Howard, Louisville, Kas.

POLAND-CHINAS—Choice males. Quality and breeding first-class. Am breeding fine sows now to All Right Jr. 6667 S. Prices to suit times. J. D. Ziller, Hiawatha, Kas.

GLANMIRE STOCK FARM—For sale, forty head registered Polled Angus cattle, twenty-eight head of choice A. J. C. Jerseys, four Draft and Coach stallions. We wish to devote our whole time to raising and developing trotting horses, and will sell above stock for one-half its actual value. Would trade the black cattle and stallions for clear land near Topeka. Sam Scott, Box 287, Topeka, Kas.

FOR SALE CHEAP—One five-year-old stallion, seven-eighths Clydesdale. Address or call on Lewis Donmyer, Solomon City, Kas.

ROSE LAWN FRUIT FARM—Forty varieties of strawberries, both new and old, raspberries, blackberries, grapes, etc., at lowest prices. Dixon & Son, Netawaka, Jackson Co., Kas.

"THE FARMER'S SIDE"—Senator Peffer's new book, is just out. All farmers, business men, and every one interested in present financial and political conditions should read it. It is published by D. Appleton & Co., New York city, is neatly bound in cloth, contains 275 pages of neatly-printed matter, and the price is one dollar (\$1). Send your orders to the KANSAS FARMER CO., Topeka, Kas.

\$7 PER HUNDRED—For first-class apple trees, at The Seneca Nursery. No agents! No commission! Buy direct from the nursery at wholesale prices. I grow my own stock. Have everything you want in apple, pear, peach, plum, cherry, apricot and ornamental trees. I have millions of strawberry plants, raspberries, blackberries, gooseberries, currants, grapes, roses and shrubs, forest trees and hedge plants. Five thousand budded peach trees, best early varieties. Good facilities to ship north, south, east and west. Send for free catalogue. B. J. Baldwin, Seneca, Kas.

POULTRY FOR SALE—Brown Leghorns and Light Brahmas. John Colberg, Miller, Lyon Co., Kas.

FOR SALE—The softest snap in Kansas. Good improved 160 acres, four miles from the big manufacturing sugar works. Best crops in Kansas. Part on time if desired. B. N. Turk, Medicine Lodge, Kas.

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MAPLE GROVE HERD—Owned by Wm. Plummer, Osage City, Kas., breeder of first-class Poland-Chinas and pure Felch Light Brahmas at farmers' prices for ninety days.

BLACK LOCUSTS and other forest tree seedlings, and a general nursery stock. B. P. Hanan, Arlington, Reno Co., Kas.

WANTED—To purchase 400 bushels of pure Golden millet seed and 100 bushels pure German millet seed, which must have been grown this year and warranted pure. Address E. M. Donaldson, care First National Bank, Marion, Kas.

FOR SALE—Choice Light Brahma chicks, from prize-winners. Pure Felch strain. Mrs. Emma Brosius, Topeka, Kas.

Sorghum SUGAR CANE SEED FOR SALE—In any quantity. Address F. W. Patterson, Wannamaker, Kas.

WANTED—Family orders for winter fruit of all kinds. Also evaporated fruit of all varieties for sale in 100 lots or less. Correspondence solicited. Samples furnished if desired. N. H. Pixley, Wamego, Kas.

FARMERS and many others will fall to consider their own best interests if they do not get my list of bargains in farms, etc. Now is the time and Northwest **RENTERS** Kansas the place to buy. 100 per cent. profit may be made in one year. Address ISAAC MULHOLLAND, Colby, Kas.

40 HEAD OF HIGH-GRADE STOCK CATTLE to trade for sheep. W. G. McCandless, Cottonwood Falls, Kas.

FOR SALE OR TRADE—The celebrated stallion, Brown Searcher, son of Champion Searcher; 16½ hands high, weight 1,400 pounds; sure foal-getter, can show over one hundred colts and fillies. Jas. B. Welch, Ninth and Walnut Sts., Leavenworth, Kas.

HEREFORD BULLS FOR SALE. Twenty-four, averaging about 2 years old, at Roseland Park farm, near Chicago. Must be sold immediately, as the farm has changed hands. All recorded and from the very best Roseland Park sires and dams. In growthy condition, but not pampered. Write or wire offer GEO. W. HENRY, 1120 Chamber of Commerce, Chicago.

FOR RENT—For coming season, eighty-acre farm, five miles northeast of Topeka. Fifteen acres in peach and apples, five in grapes, a fine young plum orchard and small fruit. Address E. W. Sherman, 4204 Prairie Ave., Chicago, Ill.

FOR SALE—Consolation B. 11047 O. He is black with white points, and a sure breeder; in good condition, and a prize-winner in Ohio. Also a few good boat pigs of his get from fancy sows. Address Miller Bros., Garnett, Kas.

**TWO-CENT COLUMN--(Continued.)**

STRAYED—Away from my farm, four miles northwest of Bushong, Kas., two bay mare colts, 2 years old last spring, and one mule (horse) colt 1 year old last spring. Any one giving information as to their whereabouts will be liberally rewarded. M. M. Organ, Bushong, Kas.

FOR SALE OR TRADE—Five registered Clyde stallions, six high-grade Clyde stallions and twenty-five high-grade Clyde and Norman mares and fillies. H. W. McAtee, Topeka, Kas.

FOR SALE—Quarter section of fine grass land near Meriden, Kas. Dr. Roby, Topeka, Kas.

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AUTOMATIC STOCK-WATERER—Send for full descriptive circular to the manufacturers, Perry & Hart, Abilene, Kas. Mention KANSAS FARMER.

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SHROPSHIRE SHEEP—You can buy high quality Shropshires of the highest breeding and Hereford cattle of Will T. Clark, Monroe City, Mo., located on E. & St. Joe and M., E. & T. R. R.

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Consisting of 160 Head.

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Intending purchasers will find more prize-winning animals in this herd than in any other two herds in America. The record bears out this statement. The recognized choicest families of the breed will be found in this herd and their care has been such as to insure the best success in breeding. Free trains will leave Union Depot for farm at 9 and 10 a. m. on day of sale. Visitors will be made welcome at farm to inspect the herd three days before the sale.

Liberal terms to responsible parties. Persons attending sale will be made comfortable, regardless of the weather. Catalogues ready. Address

A. B. MATTHEWS, Kansas City, Mo.

COL. F. M. WOODS, Auctioneer.

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All the sixteen roads running into Kansas City have direct connection with the yards, affording the best accommodation for stock coming from the great grazing grounds of all the Western States and Territories and also for stock destined for Eastern markets.

The business of the yards is done systematically and with the utmost promptness, so there is no delay and no clashing, and stockmen have found here, and will continue to find, that they get all their stock in worth with the least possible delay.

Receipts for 1890 were 1,472,229 cattle, 76,568 calves, 2,865,171 hogs, 535,869 sheep, 37,118 horses and mules. Total number of cars, 108,160.

Kansas City Stock Yards Co. Horse and Mule Market.**CAPT. W. S. TOUGH, Manager.**

This company has established in connection with the yards an extensive Horse and Mule Market known as the **KANSAS CITY STOCK YARDS HORSE AND MULE MARKET**. Have always on hand a large stock of all grades of Horses and Mules, which are bought and sold on commission or in carload lots. Regular trade auction sales every Wednesday and Saturday.

In connection with the Sales Market are large feed stables and pens, where all stock will receive the best of care. Special attention given to receiving and forwarding. The facilities for handling this kind of stock are unsurpassed at any stable in this country. Consignments are solicited with the guarantee that prompt settlements will be made when stock is sold.

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