

Texas Stock and Farm Journal.

NO. 36, VOL. 19.

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ESTABLISHED APRIL 1880.

CATTLE.

Although over the ranges generally there has been such a very great improvement in the standard of cattle there are still a great many of the straight scrubs in the country and there is enough movement of them to the markets to have a damaging effect on prices.

It is to be regretted that Panhandle pure bred cattle could not be represented more extensively at the recent State Fair. A number of the leading cattlemen in that section have spent fortunes on Hereford bulls and cows, and have found profit in their investments. They have the best blood of the land in their herds, but could not exhibit below the quarantine line.

A not inconsiderable advantage in feeding young cattle is that they don't have to be sent to market if the market is unfavorable. The feeder is paid for the growth during the time of feeding and can very well afford to carry them over to another season if the market is depressed. The feeders of steers fully matured must sell them as soon as they are finished, or hold them at a loss.

The immunizing process of inoculation which renders it safe to bring Northern bred cattle within the splenic fever area is deservedly attracting a great deal of attention among cattle breeders within the fever tract and everyone who has given it a fair test should give his experience as a fact. Rhea of Collin county, in a recent issue of the Journal. If by it pure bred bulls can be used at as little expense in Southern herds as in those of the Panhandle the cattle industry of Texas will increase vastly in value.

The feeder question does not seem to be developing as the buyers would wish, and the men who have them seem as determined as ever to have good prices or hold on to their cattle. There seems lately to be an improvement in the price of good cattle at the market center and expert feeders seem to be willing to pay well for just such stuff as they want but they don't find as much of it as they want. However, the probability of well sustained beef prices seems to grow stronger as conditions develop and feeders and stockers should sustain their values, provided they have quality.

There are reports of an awfully destructive fire in a Northwestern range which has caused the death of a number of cattle and destroyed the pasturage depended upon to carry many herds through the winter. In the Panhandle of Texas, also, there has recently been a very serious destruction of the range by fire, one report stating that it swept over an area of about twenty by sixty miles. The Journal hopes that the destruction of the range has not covered so large an area, but repeats its warning that because of the unusually luxuriant growth of grass seen this season the losses from fire after the grazing season has ended are likely to be more serious than they have ever been in the history of the Texas cattle industry. Fire guards more numerous and wider than ever before should be placed upon the ranges, especially upon those on the Plains, where the wide levels and strong winds many any fire almost uncontrollable.

HORSES.

Long pasterns are objectionable. They are subject to strain.

Don't expect to get the best profits out of horse raising unless you raise the class of horses that meets the requirements of the best class of customers.

One of the best feeds for winter that can be given to brood mares and young growing stock is oats cut while in the milk and cured as hay before being put away in the barn.

If you want the foal to mature into a big and symmetrically developed horse keep it growing all the time on muscle, not fat producing feeds. Give it enough exercise, good treatment plenty of outdoor life, and when stable let it be in a roomy box or stall, light, well ventilated, clean and free from offensive odors.

A sensible suggestion of Farm Journal is that "clay makes a better stable floor than plank, for it contains a little dampness, conducive to good feet, and the horse finds irregularities on its surface, and by placing the heels on the higher surfaces the tendons are relaxed, giving them needed rest, while in plank floors the stant is backward, making the animal stand with the tendons always on a strain. Of course the clay floor should not be wet, but a small amount of moisture is a great degree of elasticity that is helpful to the feet and legs of the horse.

At St. Louis last week a pair of trotting bred brown coach horses, 16 hands high, five and six years old, was to Keyes & Watkins for \$1000. They trot together in 2:40, are high actors and have high style and elegant conformation, possessing besides their speed, all the finest qualities of the coacher class. One was a grandson of the great California stallion Nutwood, once belonging to the noted McFerran farm in Kentucky, dam by Swiger. The other was by Fersel, dam by Richard's Bellfounder. They belong to the class of American horses that is to furnish the most fashionable coachers as well as roadsters for the American and European markets. Neither possessed speed enough to give them the value which they commanded, but it enhanced the value which attached to their high merits in conformation and action and their trotting lineage gives the easy, frictionless gait which is so highly appreciated by horsemen. There is a lesson in such sales.

Very few prospective buyers know how to give the critical examination to a horse's foot which should be made how to give the critical examination is especially important in the case of the high class harness animals now so much in demand. They are used almost entirely on road ways that are hard on the feet and the action of the high steps that are the favorite brings the foot to the ground with more force than that of the horse that swings his foot with an easy curve while trotting. A good authority says "the foot should be free from corns, have no tendency to contract, the wall should be strong and of good, healthy caliber; the quarters should be formed alike, and the whole structure so constituted as to withstand the hardships which unyielding, artificial pavements of the city compel them to take." It would be wise precaution for the intending buyer to have the examination made by a competent veterinarian before completing his purchase. The character of the foot ordinarily receives too little attention, although it affects materially the value of any horse, and of the high class horse more than any other.

SHEEP.

It is claimed that in the production of manure sheep excel all other animals, and that the manure made by the sheep is worth 50 cents per head per annum. It cannot be improved without a careful selection of only the best for breeding purposes.

The man who keeps up a vigorous weeding out of the flock will soon have a good one, and can have it in no other way. It does not pay to let a flock of sheep or any other kind of stock retrograde, or even not to advance. It cannot be improved without a careful selection of only the best for breeding purposes.

A New Mexico correspondent of American Sheep Breeder says there is no longer any reason for discrimination against New Mexican wool. "The old Mexican sheep has been almost entirely displaced by the improved breeds, and most of the sheepmen have improved their flocks by skillful cross-breeding until their fleeces are quite equal in quality and condition to the best of the range fleeces further north and east. Correct breeding has made the improved flocks sources of wealth which the old ranchman with his native scrub flocks never dreamed."

An explanation of the low prices which so many sheep are bringing at the market centers is that they are shipped to the market before they are fed to a finish. It is poor economy to offer them at that stage when a little more feeding would add 75 cents or \$1.00 per 100 pounds to their market value. The difference between half fattened sheep and those not fed is too small to make it worth while to feed at all unless the feeding is continued until the animals are brought to the best condition of which they are capable.

The St. Louis National Live Stock Reporter of the 30th ult says that the demand for good mutton sheep and lambs is better than ever before and one which the supply is inadequate to meet; and intimates that buyers will be forced to ship in supplies from other points. The condition is as favorable to the producer of good mutton or lambs at all the markets. The sheep of poor quality are not commanding good prices but those suitable for the market are about 50 cents per 100 pounds higher than a year ago. In sheep raising as in the other departments of live stock raising the market is growing more and more discriminating in discriminating against inferior quality, and it don't pay to perpetuate it.

SWINE.

Plow up a lot of your corn land this fall and sow it in rye for winter grazing of hogs, and if the field has been in cultivation several years let them feed on the matured crop next spring. The fertilization the land will receive will make it pay.

Pork prices are so excessively high in Germany that farmers in that country can afford to buy corn from the United States, loaded with the freight charges of about four thousand miles, to feed their hogs. The restriction which the German government has thrown upon all importations of meat from the United States is the cause of the excessive cost of meat and these high prices have imposed a serious hardship upon the great masses of the country who are consumers of meat and not producers. It is not improbable that this fact may effect an abandonment of the prohibitive measures now enforced, which would stimulate a larger consumption and have a favorable effect upon prices. To a great extent the improvement of business conditions in this country will have the same effect.

Bulletin No. 7 of the Kansas Experiment Station gives a report of some feeding experiments that will be as interesting to the farmers of a large portion of Texas as to those of Kansas. The value of the Kaffir corn and Soy bean as drought resisting crops as well as their feeding value has to some extent been recognized and the experiments given below show that they should be given an important part of the feeding crops on every Western Texas farm. In addition to its value as feed the Soy bean can be used so as to become a valuable fertilizer. The report says:

Last winter sixteen experiments were made at the Kansas Agricultural College to test the value of Kaffir corn as compared with corn for fattening pigs and to find the best methods of feeding Kaffir corn.

With pigs seven and one-half months old at the beginning of the experiment, averaging in weight 188 pounds and fed seven weeks, the gains per bushel of feed were as follows:

Whole Kaffir corn fed dry.....	10.3
Whole Kaffir corn soaked 48 hours. 8.8	
Kaffir corn meal.....	11.7
Shelled corn fed dry.....	12.3
Kaffir corn meal and corn meal, equal parts.....	12.3
Kaffir corn meal 4-5, soy bean meal 1-5.....	13.9

All lots were in good marketable order at the close of the experiment. With this class of hogs 83.7 bushels of corn equalled 100 bushels of Kaffir corn, the loss from soaking Kaffir corn was 17 per cent and the gain from grinding was 25 per cent, which with feed the Soy bean can be used so as to become a valuable fertilizer. The report says:

With pigs six months old at the beginning of the experiment, average weight 123 pounds and fed eleven weeks, the gains per bushel of feed were as follows:

Whole Kaffir corn fed dry.....	9.5
Whole Kaffir corn soaked 48 hours 7.3	
Kaffir corn meal.....	9.4
Shelled corn fed dry.....	11.2
Kaffir corn meal and corn meal, equal parts.....	11.1
Kaffir corn meal 4-5, soy bean meal 1-5.....	13.2

At the conclusion of this trial the last two lots were ready for the market, part of the pigs fed Kaffir corn meal and shelled corn were marketable, while the others were in poor condition. This is that it has been bred so long for this express purpose, in a country where the demand is for the best and where the environments are favorable to its production, whereas the primary demands for the Merino have been for wool.

"Every breed will have its day of it and it will likewise have its days of boom prices if its admirers will work to that end. The Merino is not without them. From wool selling at \$1 per pound, and rams selling up in the thousands, to recent wool prices of 7 cents per pound, and fine, wrinkly, wool-bearing individuals from Vermont selling at \$1.75 per head is a long distance, indeed, and now the prices are back to 15 to 20 cents per pound for wool and rams are selling readily for good money. The best breeders of this breed have had a lesson—not to breed for wool alone with a sacrifice of form, but to make a mutton along with the wool.

"We believe that stud flocks will be kept of the wool-bearing families to supply the demand from the ranges. And we anticipate a good demand in the near future for these wool Merinos in Mexico, and as we will be called to continue to supply a part of the Australian and South African trade, we will be necessitated to keep rams for cut with fewer wrinkles by the general American farmer, and a sheep that will produce twelve to eighteen pounds of wool and at the same time raise lambs that will sell well on the market and that will bear down on the scales."

The remarkable development of the European as well as domestic demand for the meat as well as the wool of the sheep has so enhanced the importance of mutton production that many of those who are unwilling to discontinue the production of fine Merino wool, the future of which is certainly gratifying, to attempt the development of a larger carcass without crossing upon the mutton breeds. Fewer wrinkles are now seen than formerly and the Delaine Merino, a hornless sheep, smooth, producing a wool of long and fine fibre, and the Rambouillet Merino, a large and fine sheep, are gaining favor upon the ranges, where wool, and not mutton production must remain the prime object. With the farmer, conditions rather encourage mutton production as the chief object of the sheep industry because his opportunities enable him to send his muttons and lambs to market finished with the products of his fields.

POLTRY.

The cost for producing poultry is less than that of any other meat raised on the farm—and it is better eating than either pork or beef.

What is the best of cereal foods to promote egg production. It contains egg forming elements in larger proportion than any other known grain.

Kill or sell all the chicks that have been slow in developing; they are undesirable and will prove a serious drawback to the remainder of the flock.

Cold, cooked potatoes make a good food for poultry. It is a food easily digested, and owing to the valuable acids contained therein is a preventive of many of the blood diseases so common to fowls.

The Orpington, a breed of fowls recently imported from England are "making a hit" with breeders everywhere because of their great laying qualities and immense size. The hens weigh ten and the cocks twelve pounds.

Milk in any form, sweet or sour, is greatly relished by birds of all ages. Buttermilk is very acceptable and highly nutritious. It pays far better to feed your spare milk to chickens than it does to feed it to pigs. Try it one season.

It is peculiar that sensible, practical poultrymen often advise cleaning the henhouse "at least twice a week." They also say "Scatter road dust over the droppings," etc. Such methods are not cleanly or sanitary, either. The flock of hens that have to breathe the staid atmosphere of two or three nights' droppings, whether the accumulation has been doctored with road dust, ashes or any other material, are not properly cared for. In such henhouses it does not take long for the floors to become thoroughly impregnated with vile odors—the boards will soon rot. Such houses are always contaminated with unpleasant odors. Even when the henhouse has its semi-occasional cleaning, the odors still exist. Every-day cleaning is the only method that should be followed.

Poultry feathers should be kept for stuffing pillows, sofa cushions and other home conveniences, even where it is not deemed worth while to sell them. Geese and duck feathers, being much more valuable than others, should always be preserved with care. Downy feathers of hens and turkeys serve a very good purpose, and unless you wish to make dusters of tail and wing feathers, the soft, feathery portions of these may be stripped off the quill and added to the rest. Unless the flock is large, it will take some time to secure enough feathers to stuff even a cushion, and as they are gathered from time to time, they must be put into whole cotton bags, tied securely so that no moth millers can enter, and placed for a short time in a warm oven, to dry thoroughly. If hens are scolded before plucking, the feathers can be dried in a tin pan, in a moderately warm stove oven. Remove all bits of skin, as they produce an unpleasant odor hard to get rid of. Feathers well cleaned answer very well for bolsters, chair and soft cushions.—Rural World.

CATTLE SALESMEN.

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KAFFIR CORN FOR SWINE FEEDING.

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THE MERINO SHEEP.

The Homestead in a well considered article of its issue of September 22 says:

"The prospects of Merino sheep breeding are flattering at this time. It has become apparent that some profit can be made in growing the grade of wool usually clipped from the Merino, and as long as fine wool is in demand it will be wanted to supply it. Mr. Shattuck, the son of the veteran breeder of Merinos, claims that 'the well made Merino mutton is second only to the Southdown, and that the Merino-Southdown cross produces finer mutton than the pure bred Southdown.' This latter statement we are inclined to give some degree of allowance, for we do not indorse it. We have always regarded the well-bred, well-fatted Southdown mutton as the best that can be produced. The reason for this is that it has been bred so long for this express purpose, in a country where the demand is for the best and where the environments are favorable to its production, whereas the primary demands for the Merino have been for wool.

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ANY PERSON

Wishing to know the truth in regard to their health should not fail to send for a valuable and new 64-page booklet which will be sent FREE for a short time to those who mention this paper. This booklet is published by the celebrated physicians and specialists—Dr. Hathaway & Co., of 209 Adams Plaza, San Antonio, Tex., whom you should address. Write to-day.

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THE FARM.

Tobacco is becoming a crop of some importance in several sections of Texas, and in some localities conditions are so favorable to it that it must become a leading crop.

There is no doubt that taking our country over the soil is losing in fertility and annually becoming less productive.

It is probably safe to say that the farmers generally in Texas plant more land than they can properly cultivate.

G. E. Morrow of the Oklahoma Agricultural College in a recent number of Prairie Farmer has an interesting article on "Adaptability of Soil and Climate to Cereals."

The farmer is a student of many sciences. He may not study them in books but he learns them partly from the traditional knowledge of his industry.

Prevention better than cure. Tutt's Liver Pills will not only cure, but if taken in time will prevent Sick Headache, dyspepsia, biliousness, malaria, constipation, jaundice, torpid liver and kindred diseases.

ORCHARD AND GARDEN.

In selecting a list of fruits to get such as will give you a continuous supply as nearly throughout the year as possible.

As a general rule fruit trees have shorter periods of usefulness than are common with them many years ago.

FALL PLANTING. There are several good reasons why fall planting of young fruit trees is preferred to planting in the spring.

DAIRY. Pumpkins make an excellent feed to increase the milk flow. The seed should be taken out before feeding.

One really good cow will yield as much milk as two ordinary ones, and it will cost only one-half the feed and labor to keep her as to keep the two.

Among dairymen who have a city market for their milk the use of glass jars for delivery of milk to their customers is growing in use.

An exchange tells a case of a large, perfectly healthy looking cow in a Northern dairy state that would not have been suspected of disease had not the tuberculin test been used.

Some persons, to induce gentleness give the cows a mess before sitting down to milk. This is a bad plan.

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TEXAS FRUIT, FLOWER AND VEGETABLE FESTIVAL.

It has been universally conceded all over Texas, but more especially in South Texas and the coast country, that no entertainment ever given in this state has resulted in so much practical benefit as did the Texas Fruit Flower and Vegetable Festival held in Houston last December.

Commission men from all sections of the United States have visited South Texas during the past year for the first time, and the million crop of the coast country as well as a great many fruits and vegetables, were bought direct from the producers at good prices.

THE FIVE DAYS' SALE. One Hundred and Fifty Registered Short-horns and One Hundred Herefords.

ALL breeders of Shorthorn cattle throughout the great Middle West, especially those that are familiar with the era of beef cattle prosperity along in the early 90's will call to mind the enthusiasm of H. C. Duncan and W. T. Clay, of Clinton county, Mo., for the possession and breeding of fine Shorthorn cattle.

THE HERFORD CATTLE. To all acquainted with the Herford in this country, Messrs. Gudge and Simpson, of Independence, Mo., and Mr. James A. Funkhouser, of Plattsburg, Clinton county, Mo., need no introduction as their work in the American Herford history dates back to the early 80's and follows on down to the present time.

TO all acquainted with the Herford in this country, Messrs. Gudge and Simpson, of Independence, Mo., and Mr. James A. Funkhouser, of Plattsburg, Clinton county, Mo., need no introduction as their work in the American Herford history dates back to the early 80's and follows on down to the present time.

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A WONDERFUL LIE. Well told catches both foolish and wise while the bluntness of a straightforward truth falls often to attract.

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MY MAD STONE Prevents Hydrophobia. From the bite of mad dog, skunk or other rabid animals.

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SEPTEMBER CIRCULATION. THE ADVERTISERS' GUARANTEE COMPANY OF CHICAGO.

This is guaranteed to the advertiser of the country by a bond of \$50,000 in the Fidelity and Deposit Company of Maryland.

ADVERTISERS' GUARANTEE CO. By J. R. Mason, President.

The relations between France and England are daily growing more strained. In Gen. Kitchener's advance up the Nile it was learned after the battle of Omduram that a French force under command of Maj. Marchand was holding the town of Fashoda further up the river.

That students seeking admission to the Agricultural and Mechanical college should have to be turned away because there is not barrack or dormitory space to accommodate them is a condition that should not be allowed to exist until the beginning of another scholastic year.

No one who has expressed an opinion upon the road law of Texas has given it approval. Very many of the papers of the state have condemned it. It seems certain that in some way the next legislature will act upon it, and that it will be remodelled rather than amended.

The neglect of the Texas farmer, who is not a tenant, to raise his own supplies, even if cotton were worth fifty per cent more than it is now bringing, seems most injudicious.

One of the great gains which the United States will receive from its administration of affairs in Cuba will come from the sanitary work that will be done in Havana and other Cuban ports.

of quarantine authorities who at one time closed Galveston from travel and trade and have lately drawn the lines closely upon the borders of Louisiana.

But it would be well if some quarantine system could be adopted which would effectually secure all the interests of the country from the effects of the unnecessary quarantine regulations.

It has been charged that quarantine authorities has sometimes been directed to open New Orleans and its great tributary area is as much interested in having as little restraint as is consistent with due regard for protection against certain danger.

QUARANTINE REGULATIONS. The state live stock sanitary commission will hold a meeting in Fort Worth on the 10th of November next to adopt quarantine rules and regulations for the coming year.

The acting secretary of agriculture has recently issued an order to the effect that cattle located below the quarantine line may, after having been properly dipped under the supervision of an inspector of the agricultural department, in a solution of eighty-six pounds of carbolic acid to each 1000 gallons of extra dynamo oil, be shipped without further restriction, provided that application be first made to the department of agriculture and permission granted to establish the dipping stations and that after being dipped the cattle are carried by an inspector of the United States Bureau of Animal Industry and that the cattle when shipped within the quarantine district be shipped in clean cars without unloading in that district.

From the wording of this order, it would appear that the quarantine regulation of cattle as provided for in the act, if carried out to the letter, will in future be removed on cattle that have been properly dipped, consequently it would seem that the practicability of the dipping process is the only thing to be considered in this connection in future.

If cattle are dipped at Mammoth Springs and returned to the farm without being shipped, it does not seem to suffer any damage, there being no loss, while those shipped immediately after being dipped at Fort Worth have suffered more or less loss. If a dip that will kill the ticks without seriously damaging the cattle can be used, the dipping will no doubt prove successful.

The Journal hopes that the dipping theory and all other theories calculated to benefit the cattle industry of Texas will prove a success. COLLINS' VISIT TO THE J. C. O'NEAL RANCH IN THE INDIAN TERRITORY.

ridiculous predicaments so interspersed and blended that there is hardly one of the Journal's 18,000 subscribers who would find something in it entertaining, edifying or instructive.

The particular period in my mind which caused me to take up the Faber and begin this scribbling was at South Canadian, in the Cherokee nation, a very clever, but rather ancient looking village in the valley of a river of the same name.

Mr. O'Neal having been sheriff of Hunt county, Texas, for many years, was well up on the law which forbids, under pains and penalties, the crossing of streams or hollow without taking something. We were as faithful to the mandate as ever lord was to lady, and per consequence the shades of night had settled on the rims of the mountains and deep darkness was in the valley when we halted in front of the O'Neal mansion, but we were welcomed by the deep notes of tobacco dog's honest bark, and the cheerful reception given us by the three pretty girls on the inside, Misses Bossie, Claytie and Lucy, the queen of the ranch being on a visit to kinsfolk and friends at Greenville, Texas.

The ranch is in a valley of, say, 10,000 to 15,000 acres, hedged in by mountains, covered with a variety of excellent timber and is watered by Galena creek. The common blue stem grass seems to predominate, and it grows so luxuriantly that two crops of matured hay have been harvested from the same land this year.

The first place we went after eating the big breakfast, was to the pen of his prize winning Berkshire hog, on which he is putting the fat, and when filled out will tip the beam at 800 pounds; from here to an open lot where there were fifteen of as pretty yearling pigs as the most fastidious swine man could wish to see.

The Journal hopes that the dipping theory and all other theories calculated to benefit the cattle industry of Texas will prove a success. COLLINS' VISIT TO THE J. C. O'NEAL RANCH IN THE INDIAN TERRITORY.

One of the great gains which the United States will receive from its administration of affairs in Cuba will come from the sanitary work that will be done in Havana and other Cuban ports. So long as they remained under Spanish control they were hotbeds of yellow fever, and no efficient means of keeping it out of our own country had been discovered.

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Excelsior Herd of Red Polls. A choice lot of young bulls for sale.

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WOLF HOUNDS FOR SALE. Trained, untrained, and pups. Also Collies, Setters, Pointers, Fox and Coon Hounds, and Blood Hounds.

Shetland Ponies. I have a herd of 100 imported Shetland ponies and offer a few for sale.

FANCY BERKSHIRE PIGS. The very best quality, by Black Point, the 11 month, winner of first and reserve prize at the Kansas State Fair.

BERKSHIRE PIGS. OF FASHIONABLE BREEDING and unsurpassed quality. My hogs won a number of the best prizes at Texas State Fair in 1905.

TURKEY CREEK HERD of Poland China Swine. G. E. KING, Prop., Taylor, Texas.

PRIZE WINNING POLAND CHINA SWINE and FINE POULTRY. My herd is headed by Whisper 2nd. No. 29073, weight in good flesh 900 lbs.

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