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Fort Worth, Saturday, August 29, 1891.

forthcoming September issue of that journal, shows that farm profits in the United States this year will be \$1,000,000,000 more than they have been during the late years of depression.

FARMERS are just now the most pros perous class of men in the United States. The farmers have no "kick" coming to them this year. The export outlook was never better; immensely increased sums will be sent to the United States for our product. Ulterior influences may, of course, interfere with the brilliant prospect. Certain well informed but conservative agriculturists predict better profits for the farmers of the United States during the next year than ever before.

The Columbian Exposition.

There seems to be more interest in the Columbian Exposition abroad than there is at home, but that is not alarm-Nobody has ever doubted that ing. there would be a colossal display of native resources and domestic products when the time came, but there has been some reason to fear that the show would be mostly our own. The fact that foreign nations are becoming active and zealous is highly encouraging, and we may all be happy yet.

The Stock Journal Contest.

The JOURNAL'S contest referred to last week has been abruptly brought to a close by the disappearance of the contest editor. It is not thought that he has been foully dealt with, but simply hired to leave town by some of the prominent candidates. It is claimed by those who ought to know that Charley Ware furnished the contest editor transportation to Chevenne, Wyo., where Keenan has promised to install him as special agent of the C., B. & Q. Jim Harris furnished the sleeping car fare, while Jim Wilson supplied enough cheese and crackers to satisfy the inner man while on the journey. As soon as a new editor, one that can neither be bought nor intimidated can be found, the contest will again be renewed.

to be a successful feeder, that cattle should be fed by the thousand or even by the hundred. One good steer well fed, fully matured and marketed at a good profit, is a more satisfactory and better paying business than a dozen poorly fed scrubs that will barely pay their way. Every farmer in the state should feed and turn off each year a few first-class beeves. There is money in it, and even if begun in a small way. but well managed, it will eventually grow into a large lucrative business.

Our Contest.

Exchange.

One of the most novel contests of which newspaperdom has ever had to do is being inaugurated by the TEXAS LIVE STOCK JOURNAL. The editor proposes to pay the expenses to the Holy Land of the railroad live stock agent who, in the JOURNAL'S own words, "has been the most economical with the truth." The cattlemen of Texas, Indian Territory, New Mexico, and Colorado will do the voting. This contest is novel for several reasons; first, because all stock agents are economical with the truth sometimes; second, because some stock agents are economical with the truth all the time; third, because all stock agents are economical with the truth all the time. This being the case it is more novel that the victorious liar should be sent to the Holy Land.

This Year's Cereal Production.

It is too early to estimate with closeness the corn crop of the United States. The recent past has improved the position of this crop, and it is now likely

ers probably the best opportunity for profit they have within their reach. If American sheep-raisers will only appropriate to themselves the money which goes abroad for mutton they will add very materially to the live stock income of the farm.

No. 19.

Mortgaged Indebtedness.

The malicious lying done by political demagogues and calamity prophets about mortgages has been exposed by the census returns. Instead of 9,000,-000 mortgages on land, with the encumbrances amounting to more than its value, as repeatedly asserted by these enemies of the people, the returns show that there are about 2,250,000 homes and tarms occupied by owners encumbered by mortgages. As there are about 12,500,000 families, less than one-fourth live in encumbered homes.

Two billion five hundred and sixtyfive million dollars is the total amount of the mortgaged indebtedness on homes and farms, estimated to be about one-third the value of the property encumbered.

The census returns also show that about two-thirds of the total mortgage indebtedness represents purchase money.

The lying will still go on, however. It is extremely popular with a class of people who are looking forward to a time when they can, under cover of finance laws, passed with the intent in view, repudiate their honest debts.

The Business Situation, Notwithstanding the cry of hard times, scarcity of money, etc., from al parts of the country, the Railway and

Our Agents.

All postmasters in Texas are authorized to receive and receipt for subscription to the TEXAS LIVE STOCK JOUR-NAL. Hand \$2 to your postmaster and receive the JOURNAL for another year.

\$2.00 a Year.

For the benefit of a few subscribers who continue to send us \$1.50 for their renewals, the JOURNAL wishes to again say that its subscription price since January 1 is. and has been, \$2 a year. New subscribers and renewals will please govern themselves accordingly.

A POOR soil well worked will ordinarily produce better crops than a good soil poorly worked; but for wholly satisfactory results there should be both good land and good work.

FROM complete returns received by the commissioner of internal revenue, the bounties to be paid on the next sugar crop will approximate \$11,000,-000. The crop is expected to reach 550,000,000 pounds. ...

THE American Agriculturist says there will be no return of "war" prices, but the money received above expenses will go further and enable the farmer to get more value out of his profits than at any previous period.

THE estimate put forward by the American Agriculturist in its annual review of harvests, to appear in the

A Year's Cattle Exportation.

In the fiscal year ending June 30, 1891,- this country exported a total of 374,679 cattle, which was 20,157 less than in the fiscal year immediately preceding. The average export price was \$81.25 per head, against \$79.12 per head for the year before. It will be remembered that some months of this year covered a period before the advance in cattle had taken shape. It is also true that the average quality of the cattle exported in the last year was below that of recent years. These things will explain why an improvement of barely \$2.13 per head was made, in the face of a really great advance in choice cattle.

Begin in a Small Way. There is too much of a disposition among Texas farmers and cattlemen want to do business on too large a scale. Especially is this true as to feeding beef cattle

the production will exceed 1,800,000,000 bushels, and possibly reach 1,900,000,000, or more, if not seriously cut short by frost. The Cincinnati Price Current submits the following as an approximation of production of the cereal crops this year, in the United States, based on present indications:

The state of the second second second		Bushels.
Corn	<i>e</i>	1 900 000,000
Wheat		
Oats		700,000,000
Barley		75,0 0,000
Rye		/ 33,000 000
Buckwheat		12 000,000
Total		3,305,000,000
The agreemente	timm inlug	of those

The aggregate farm value of these crops will probably be about \$1,500,000, 000, estimated in the ordinary manuer.

Eating Alien Mutton. National Stockman

Remembering that this is an agricultural country, it is a somewhat anomalous circumstance that we last year imported for food purposes more than five times as many sheep as we exported for the same purpose, the importations having reached 336,153 head, against exports of barely 60,947 head. It is also true of horses that we imported many more than we exported, the figures for last year having been repectively 15,990 and 3110. It is only in cattle that we practically import nothing for food purposes. The sheep which are brought into the United States for the fat stock market come almost wholly from Canada, and our tions have concealed it beyond the for market. It is not necessary, in order markets furnish to Canadian produc- vision of mortal eyes.

Financial Chronicle of St. Louis sums up the situation as follows:

"The latest estimate of the wheat crop of the United States places the yield at 585,000,000 bushels-400,000,-000 of winter and 185,000,000 of spring. If these figures are correct, which they doubtless are, this country will be

able to export at least 200,000,000 bushels, and since there will be a demand for even more than that quantity, it is safe to conclude that not only the farming interests, but the industrial and commercial interests of the whole country, are entering upon a period of unusual prosperity and profit. But the wheat yield is not the only-product of the soil that gives encouragement. The corn crop promises a yield of over 1,900,000,000 bushels, and the latest data places the barley yield at 75,000,-000 which is about 20,000,000 above the average crop. As for the rye crop, it is never large, but the yield is about 33,000,000-or 10 per cent. more than is usually harvested. Hay, cotton and cattle, hogs and dairy products are and will be on a very enlarged scale as to quantity, while potatoes fruits and vegetables are simply in abundance almost in every locality. Thus, it will be seen, every factor in trade operations is healthy and active, and if there is anything but prosperity, and plenty of it, for the people of this country for the next year, he situation and condi-

CATTLE.

The hot weather will soon be over, and, with it, the hard market will terminate, it is hoped.

The assessed valuation of the cattle interest in Montana is \$9,675,545, a very handsome showing for 1891.

The indications are that feeders who have their cattle fat and ready to go earliest will get the most money.

The United States leads the world in the number of head of cattle grown. The round number being 50,000,000. head.

It begins to sound a little on the chestnut order, but is, nevertheless, true, that it will not do to market green, puffed up, half-fat cattle.

Cotton-seed meal, with hulls or grass for roughness, will fatten cattle faster, make them sleeker, and get them ready for market in less time than any other kind of feed.

It is now pretty well established that heifers, if spayed while calves, will make better beef at three and four years old, and weigh but little less, than steers of the same age.

A big trail herd, belonging to H. C. Moore, of Llano county, Texas, which was held in quarantine until last week, has crossed the Colorado line on its way north. It numbers 6500.

There will be a vast deal of cattle feeding done on a small scale in Nebraska and Kansas next fall and winter. Every farmer who can handle from five to 100 steers will be hunting for feeders.

There are two great drawbacks to cattle growing in Wyoming, one, the principal one, thieves, and the other, wolves. These serious evils have succeeded this year in driving more than one company out of the business.

The scarcity of money, or rather the impossibility to get money, will greatly diminish the demand for feeders this fall. Those who have a surplus of this class of cattle should, if possible, either prepare to feed themselves, or sell to

permitted to perpetuate their kind and add to the already large surplus of scrub stock. Spaying heifers would diminish the production of scrub stock and transform the animals operated on into valuable beasts for market. Experiments show that not one animal in 200 will die under the operation when it is properly performed, and that heifers so treated will bring as much money as steers at similar ages.

In feeding grain to cattle it is best to begin moderately. Begin with three or four pounds of meal, or its equivalent, to each animal. and gradually increase until you double that amount, or more per day. The main point is to keep the animal growing steadily to maturity, or to that point where it can be marketed to the best advantage. By too high feeding at the start cattle are often thrown "off their feed," and are a long time in getting into proper condition again. Toward the end of the feeding a little oil cake added to the ration will be of value. It is a good plan to weigh the animals every two or three weeks while feeding, to determine if they are making a satisfactory progress. If not, a change or increase of feed may be tried, but over feeding is a useless waste of material. as only a certain quantity of food can be digested.

Predicting better times for cattlemen has grown to be something of a " chestnut," but it is clear that so far as some classes of cattle-owners are concerned. good times are already here. A barrel of money has been made, for instance, by those who took advantage of the low prices current a few years back to place well graded cattle upon the Northwestern ranges. Fifty-five to sixty-five dollars for steers that were bought at \$10 to \$12 and with few intervening losses represents the profit pocketed by some of those who did not lose their nerve during the darker hours of depression. That an era of profitable production has now fully set in is too generally believed to admit of serious question. The opportunity for favorable investments in pedigreed cattle was never better than this fall. Feed will be abundant, and prices for cattle are still at a low ebb. A little good judgment will land the investor at this stage an almost certain winner.-

pasture would probably give better reresults. My pastures are covered with a fine coat of sage grass. I calculate not less than about four acres to each steer, and to the feed thus furnished I give the cattle one peck, or 8 pounds, of cotton seed each, daily. I prefer feeding on the grass, but never feed twice in succession on the same ground, and in this way avoiding killing or injuring the grass by tramping it out. I have also found it advisable to have several different gates or places for entering the pastures, and, in hauling in feed, I rarely ever enter at the same gate twice in succession. Where only one gate is used the cattle soon learn when and where to expect the feed wagon, and will congregate around the gate, and when the feed is being thrown out, they run over and tramp it in the ground. To avoid this Valways try to have the wagon enter the pasture so as to avoid attracting the attention of the cattle until after the seed are distributed, when they can easily be brought to it by calling. shovel the seed onto the ground, aiming to place half a peck in each pile, or two piles to each steer. One wagon can usually be made to feed several pastures. They should be fed regularly once a day, and, as nearly as possible, at a certain hour each day. Cattle should also have access to plenty of water and salt. These are indispensable. If I can keep my steers from losing flesh during the winter, I am satisfied. The fat or tallow, is put on by the green, fresh grass in the spring. I usually commence shipping in June and finish up in July. I fed 900 last winter. They averaged me over \$40 a head, including one lot bought this spring that were fed but a short time. Have never lost any money. Last spring was the most profitable one for me. I had one car of steers that weighed over 1460 pounds average, and brought \$5.40 per hundred. My tailings, the ones that were fed but little, brought \$3.40 on last week's hard market. I never offer my steers for sale, but always ship direct to my commission merchants."

sell for the top of the market. By this process 300 pounds each is added to the steers, and at least \$1 per hundred to his selling price, to say nothing of the saving in marketing at three instead of waiting until the steer is four years old, as is now the custom. Texas can produce as good beef as any country in the world, but it requires work and system in feeding to do it. The trouble is with the cattlemen and not the country or the cattle. When cattle raisers and feeders get properly into the harness, all other requisites will soon follow.

Scrubs and Poor Judgment Combine Against him.

N. M. Stock Grower.

Mr. Bauer, the unfortunate stock man, from the neighborhood of Tombstone, Arizona, who some time ago shipped a lot of scrub steers to Kansas City, for which he netted less than \$4, is still kicking. He says he was the victim of a conspiracy, and the Stock Grower thinks he was, for it is evident, that poor judgment and scrub stock have conspired to break him up, and it is certain that if he keeps up his lick the combination will soon have him knocked out. If he had read the papers, Mr. Buaer would have learned that poor scrub steers are but objects of scorn at the markets, and he was lucky to come out with expenses from the shipment. Mr. Bauer has lots of company in this matter. There is not a stock raiser who grows scrub steers and ships them to market poor but can tell the same tale of woe, if so minded; but the majority of victims have sense enough to realize the cause of the low prices they receive when they have an opportunity by going to market to compare the stuff they offer with the class and condition of cattle which command the attention of buyers and bring good prices. That Mr. Bauer's cattle were four days on the market before being sold evidences their quality.

feeders on time.

The weather has been too hot for the people to eat much beef. Fruit has been very cheap, and regarded as healthier and cheaper food for the hot days. The hot weather will soon be over, when a decided improvement may be looked for in the market.

The result of the work of the committee appointed by the cattlemen's convention held at Vinita, I. T., full proceedings of which was published in last week's JOURNAL, will be watched with much interest by shippers. The JOURNAL hopes much good may be accomplished.

The scarcity of money will prevent a great many feeders from buying as many cattle as they would otherwise have handled, but even those who have money are not yet fairly in the market. Most of them will wait until the crop is gathered and feed is ready for use. There will be lots of cattle fed this winter, notwithstanding the scarcity of. money.

The receipts this year at the different. markets fully justify the statement that there is a shortage in cattle. It is, therefore, very unwise to crowd the market with half fat, unfinished cattle and put them in competition with the good, thick fat, Western range steers that must be marketed at this season of the year. Hold them until they are ready to go and the market is ready to receive them. If you can't fatten them, sell them to some one who can.

Spaying heifers is a work that would pay well, and should be practiced by stockmen more generally. While scrub bulls are now castrated and turned into so as to avoid having over 200 head in three year old steers can be made to

Chicago Breeders' Gazette.

Cotton.Seed Feeding.

As promised last week, the JOURNAL will give, from week to week, the experience of different feeders who have made a success of feeding cotton seed and cotton-seed meal. Feeding cotton seed has already grown to important proportions, and is destined to become in the near future a still greater factor in the production of first-class beef in the cotton producing states.

The JOURNAL proposes to ask those who have made cotton-seed feeding a success to give the readers of this paper the benefit of their experience. We have the pleasure this week of giving the methods used by Mr. E. D. Farmer, of Aledo, Parker county, who is one of the most successful feeders in the state. He says:

cotton seed about eight years ago. Since then have done little else, but devoted my entire time and means to this business. After considerable experimenting I have adopted the followplan: I buy the best steers I can get; prefer three-year-olds past, coming four years old. I begin feeding in December, putting some bunches on feed as early as December 1, while others are left on grass alone as late as Christmas. I feed eight or nine hundred each winter. My pastures are divided up,

Feeding for Best Results.

The time for making money on halffat shipping beef has past never to return. Texas cattle raisers who want or expect to make money, must put themselves in shape to make good, fat beef, such as will favorably compete with Western range steers, natives or any other cattle. This can be done by pushing the steers from the time they are weaned. If you haven't grass enough and of the quality to do this, they must be helped along with cotton seed or some other feed. A few pounds "I commenced feeding cattle on of seed or ground feed daily through the winter, together with access to plenty of good native grass, will keep them through, or at least help them to hold their own through the cold weather, and put their systems in fine condition for taking on flesh in the spring.

Give them an abundance of range, water and salt through the spring, summer and fall, and the remarkable growth that will be attained will be surprising. If this process is kept up two winters (the second and third) our profitable steer beef, scrub heifers are any one lot; in fact, 100 head to the weigh from 1100 to 1200 pounds, and to LIVE STOCK JOURNAL.

Good Care Essential.

If all those who have made money with sheep were to give the reasons for their success they would say that the chief factor was the care they gave the flock. Successful sheep men are a unit in saying that, no matter what breed is kept, or for what purpose kept, painstaking care in great and small things is the only way to make sheep husbandry a profitable business. The question for the beginner to settle is whether his circumstances are such that he can give this care and he is so constituted that he will take pleasure in doing it. Otherwise he will find more money in some other branch of stock-raising for which he and his surroundings are better suited.

STATE OF OHIO, CITY OF TOLEDO, ss: 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 A. W. GLEASON, SEAL, SEAL,

Hall's Catarrh Cure is taken internally and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free. F. J. CHENEY & CO., Toledo, O. Sold by Druggists, 75c.

CAUTION.-Buy only Dr. Isaac Thomp son's Eye Water. Carefully examine the outside wrapper. None other genuine

SUBSCRIBE, for and read the TEXAS

SHEEP AND WOOL.

The Cheviot breeders claim for their sheep that they are "the hardiest on record in the middle wools."

The JOURNAL repeats its advice heretofore given: Don't sell your wool at present prices unless you are compelled to do so.

An average of about 1000 sheep and lambs a day are received into the United States from Canada for consumption in New England and New York City.

The buck-man is here again, and flockmasters will remember the JOUR-NAL'S oft-repeated advice to order and accept only first-class rams from them.

The man who knows how to wait is the man who knows how to get even with the bears in the markets. This especially applies to wool growers who haven't yet sold their last wool clip.

It is said that the 10,000,000 sheep in India shear but 2 pounds per head. And yet Great Britain boasts of being the home of the finest sheep in all creation, and India belongs to John Bull.

The best profit with sheep is secured by keeping whatever number the farm can carry to the best advantage, and keeping them all the time, rather than depending on buying and selling out from time to time.

The present system of sheep raising and wool growing is one that is adapted to the country, climate and existing conditions, and is conducted on such a asis that returns are not only sure but remunerative to the flockmaster.

A friend of the JOURNAL writes as follows: "I graded my wool according to the suggestions of your excellent paper, and it paid me. I didn't get what the wool was worth, but I got the top figures for it the day it was put on the market.'

The sheep interests should be represented at the World's Fair, and should be in charge of representatives of the range business as well as of the farm interests. Texas can furnish any number of proper men to take the range interests in charge.

For instance one flock master at White Sulphur Spring, Montana, has a clip of 100,000 pounds of wool to be sold "cheap for cash," while another up in Colorado has no less than 60,000 head of sheep thousand flockmasters in Texas, who, and has 5000 Shropshire lambs this season.

There is some talk among the sheep. men of the Abilene country and that west and north, organizing a West Texas Wool Growers' association. The JOURNAL ventures to express the hope that it will not end in talk only. There | aloof from meetings called in their inshould be North Texas, Central Texas, Southwest Texas, West Texas and Panhandle Wool Growers' associations, all tributary to the Texas Wool Growers' association.

French Merino rams from California are being offered for sale in the San Angelo market. In 1883 a great many very fine specimens were imported into Texas, and, being much larger bodied than the Spanish Merino, attracted no little attention, and were readily purchased. But the demand for them was not kept up in later years, though the JOURNAL believes a French crop now and then would be an advantage.

Notwithstanding the continued low price of wool, the JOURNAL has unwavering confidence in good sheep as being good property. At all events, if any of its flockmaster readers have become discouraged, and are keen to close out and quit the business, they can find, by applying to the JOURNAL, first-class farm lands in a first-class farming section of Texas, and in a quarter of a mile of a depot, to be exchanged for first-class sheep.

Sometimes good sheep herders in Texas make good money for themselves by taking flocks of good sheep on shares for from three to five years. But, if they contract according to the terms said to be in vogue in North Dakota, they will be apt to "come out at the little end of the horn." If any of the JOURNAL'S readers care to let out sheep on shares, or to take sheep on share 4, the JOURNAL can get for them. a statement of what will be fair terms to both parties to the contract.

It is quite possible to teach a flock of if there is no fence around it. Indeed after a few nights' occupancy of an open bed-ground they will prefer it. At first they will be a little disposed to nervousness if dogs have ever made raids on them. But that will soon wear off. In cold weather pens are all right, but if they are used in warm weather they should be kept dry and as clean as possible. Cleanliness 1s perhaps more essential for sheep than any other class of live stock. The tendency is, rapidly gaining among sheep raisers to make wool secondary and meat the first consideration. There has been a good deal of an awakening within the past year and a half in the matter of sheep breeding throughout the country. And it is needless to say that the heavier carcassed breeds are in the ascendant. But there may be danger of running to extremes in this direction. The tendency in the direction of meat production may take on the speculative feature and loss and disappointment result. Size in carcass is not all that is wanted.

is what used to be said long years ago when the editor of the sheep and wool department of the JOURNAL was "a kid." And yet there are several when it comes to the business of sheep husbandry, seem to have an idea that there isn't the slightest advantage to be gained in conferences with others engaged in the same line of business. It is the strangest thing imaginable that wool growers and sheep breeders in this state will persist in holding terest.

Mr. Frank L. Cooper, writing from near Fort Davis, says: "I am herding sheep, temporarily, in this section, and find the LIVE STOCK JOURNAL a good fried. I have not been subscribing for it, but a friend near me, who is an old subscriber, has been lending me his papers. When I get my next month's pay, however, I will send you \$2, and have you send the paper to me direct. I am only a new hand at this business. and the STOCK JOURNAL is full of hints ard suggestions that I find valuable. I have just had my first lesson in dipping to cure scab, and used the lime lye and sulphur dip you recommended, and I think it has done the work effectually, without injury to the sheep."

The opponents of the scalp law tacked on the jack rabbit and prairie dog clause while the bill was before the legislature. Now the same opposition is claiming that the counties infested by rabbits and prairie dogs will be bankrupted if the bounty is paid. It is better to bankrupt a few counties by paying the bounty to good, hard-working citizens of the county than to have the wolves, rabbits, and dogs depopulate the counties by making it uninhabitable for the people. These animals must go, regardless of cost. The country can survive and outgrow a heavy expense and outlay, but it can never prosper as long as it is overrun by the pests referred to.

There are three special purposes for which sheep may be kept-wool, flesh and improvement of the soil. Wool is a standard product of commerce and has a certain intrinsic value. Wool is not merely a useful article, but a necessheep to patronize a bed-ground, even sity, as much so as wheat or cornthe first necessity of mankind is something to wear. Clothed, tae inner man asserts a claim and this the sheep meets by supplying the most healthful meat known. Then, unlike no other domestic animal kept on the farm, sheep enhance the productive capacity of the land upon which they feed. It has been demonstrated that seventy-five pounds of food of any suitable kind, hay, potatoes, turnips or meal, will make as many pounds of mutton as one hundred pounds of the same food will make of beef. This fact in the natural economy of sheep-raising is beginning to be bet ter appreciated. In looking over sheep husbandry as a whole in the United States, /says a writer, and thinking out its future, it must be apparent to every one that new conditions have risen which will compel some changes from the policy formerly found to answer. The growth of population in industrial centers will call for an increased /supply of both wool and mutton. The large quantities of meat heretofore produced upon the Western cattle ranges will become less with each succeeding vear, partly from the lands being put under cultivation, and partly because the increasing population will demand a larger portion for food. It, therefore, looks to me as if the farmer in this state, and those surrounding it, who gives attention to the production of mutton and wool, must enjoy for many years a good demand for his products. In view of this, the future seems more assured to sheep husbandry than to any other branch of agriculture.

that many of the big herds of cattle in Northern Montana are to be sent to market this year. Some companies are preparing to ship everything and go out of the business. This is rendered a matter of necessity in some localities. Small farmers and ranchmon are settling in thickly and are fencing up nearly all the available water, while sheepment are occupying the country more and more every year. They are said to require less attention and are considered of much more advantage to the country. Small streams and diminutive springs will suffice for them, and, in the opinior of a man well posted in the matter, it is only a question of a few years when large herds of cattle in Montana will be numbered among the things of the past. This will result in the benefit to the state. For where many cattle existed in the hands of a few wealthy men, the result will be that many settlers will own a small number of cattle, horses, and sheep, and in case of severe winters and deep snows they will be able to take care of them. The stock industry will thus really be benefited. There will be more and better stock to be gathered, yearly for the market. The ranges will always be good for sheep, which are greatly on the increase.

Sorting and Cleaning Wool. The Popular Science Monthly.

The wool comes into the mill dirty, greasy, burry, sometimes washed by the farmer, but generally just as it is sheared from the sheep, a filthy and unwholesome thing, giving little sign of the beautiful white and flossy substance into which it is soon/converted.

It must first be sorted, each fleece containing from six to eight qualities of sorts, which the careful manufacturerseparates, devoting each quality to the purpose for which it is best suited. No skill in carding, spinning, weaving or finishing can possibly produce a soft or fine piece of goods from a coarse, hard fiber. When a woolen thread is to be spun to the length of 15,360 yards to the pound, or, in the case of a worsted thread, to twice that number of yards to the pound, everything depends upon care in the selection of the fleece and in the sorting. These sorts are impregnated with a greasy substance called the yelk or suint, caused by the animal secretions and the perspiration of the skin, a compound of potash and animal fat, which must be completely eradicated. The elimination of the yelk, dirt. and foreign substances, common to all wools, results in a shrinkage of from 50 to 70 per cent. Our ancestors scoured their wool in tubs, much as our wives and daughters scour our clothes to day. In the handwashing of wool, a tub was filled with the suds, in which one or two men with long poles stirred the wool until clean, when they lifted it upon a travelingapron, which carried it between a pair of rollers which squeezed out the water. The same principle is applied in the automatic scouring now in vogue. Great forks or rakes seize the wool as it is carried by rollers from a feedingapron into the iron tanks, and by alternating motions of their teeth give it a thorough scouring. Thus cleaned, the wool is delivered by rollers to the drying machines, where hot air and great fans are now utilized to extract all the moisture without tearing the fiber.

An old-time friend of the JOURNAL, writing from the Devil River country, says: "I have lost at least \$100 worth of lambs in thirty days. Disease, too much coyote. And this in spite of the fact that I have tried poison, longrange guns, and lots of bells."

These people who, according to the Atchison Globe, mistake poverty for religion, are not engaged in sheep husbandry. Sheepmen are about as truly religious as other men, but having for some years past had no personal ex-perience with the poverty business they are not cranks in religious subjects.

The cost of blooded animals is now so low that the farmer has no excuse on the ground of expense of using a grade. A lamb can be bought and used a couple of years and then sold for as much or more than he originally cost. It is better, however, to use older males when practicable.

The sheep owners now engaged in the business are conducting the industry in such a manner that reverses such as have occurred in the past are unlikely ever to occur again under the present system, which is materially different than that pursued ten years ago.

It was a comprehension of the value of sheep as a food supply for the masses that led a writer in one of the stock journals to say that he could invest \$1000 in sheep and burn every pound of wool produced for four years, and make more clear money than could be made on cattle, horses, or hogs in the same length of time.

They have a broad way of doing things out in the wild and wooly West. | one is a sheep's head." At least that

One of the esteemed contemporaries of the JOURNAL suggests that it isn't the best policy for the stock and farm papers to have so much to say about the continued low price of cattle and wool. And yet it has all along been the JOURNAL'S idea that it was its first duty to tell its readers the truth about everything in which they are in-terested. This paper is not responsible for the depression in the live stock and wool markets any more than it is for the bank failures that are being reported almost every day. And it can see no good reason why it should try and suppress the facts.

"Two heads are better than one, if

Sheep vs. Cattle. Helena (Mont.) Herald. It is reported upon reliable authority

For Malaria, Liver incuble, or Indigestion, us. BROWN'S IRON BITTERS

Beecham's Pills cures sick-headache.

Sales of Texas and Indian Territory Cattle.

The following sales of Texas and Indian Territory cattle were made at the points, on the dates, and by the commission merchants named:

AT U. S. YARDS, CHICAGO.

August 22-Scaling & Tamblyn sold for Gaddis & T, Nowata, 1 T 99 steers, 925 lbs, \$2.75. August 24-D D Swearinger, Childress, 19 steers, 708 lbs, \$2.35; 11 cows, 683 lbs, \$2.05; 17 heifers, 566 lbs, \$2; Smith & T, Childress, 32 cows, 640 lbs, \$2.05; 27 steers, 802 lbs, \$2.45; J Scharbauer, Midland, 259 sheep, 72 lbs, \$3.55. August 25-White Bros, Elgin, Kans, 399 steers, 1000 lbs, \$2.65; J O Hall, Vinita, I T, 231 steers, 1045 lbs, \$3.25, J Leadbetter, Quanah, 116 steers, 980 lbs, \$2.85; G W Morris, Quanah, 93 steers, 1040, lbs, \$2.75; F Milwee, Quanah, 26 cows, 702 lbs, \$2; W Scott, Vinita, 228 steers, 1087 lbs, \$3.25; 12 steers, 1022 lbs, \$3.25.

August 19-Gregory, Cooley & Co sold for Indian Live Stock Cor-Minco, I T, 111 steers, 1023 lbs, \$2.90; 24 bulls, 1201 lbs, \$1.40; 241 cows, 731 lbs, \$1.60; J H Presnall, Kansas City, Mo, 296 steers, 1113 lbs, \$2.75; A L Rush, Fort Wade, San Angelo, 85 cows, 626 lbs. Worth, 48 steers, 831 lbs, \$2.30; 67 cows, \$1.85; R Burrows, 21 steers, 926 lbs, 623 lbs, \$1.85. August 20-L R Hastings, 47 steers, 1017 lbs, \$3; 36 cows, 530 lbs, \$2; 26 cows, 736 lbs, \$1.75. August 21-Portwood & Halsell, Carlisle, 50 steers, 937 lbs, \$2.65; H H Halsell, Carlisle, 199 steers, 955 lbs, \$2.65; Halsell & M, Carlisle, 151 steers, 903 lbs, \$2.65: Presnall & Co, Caldwell, 62 steers, 1026 lbs, \$2.75. August 24-H H Halsell, Carlisle, 293 steers, 940 lbs, \$2.75; 45 steers, 1075 lbs, \$2.75; Colorado, Chicago & Texas L & C Co, Childress, 78 calves, 176 lbs, \$4.75; 15 calves, 292 lbs, \$2.50; 25 steers, 1002 lbs, \$3; 119 cows, 730 lbs, \$2.25; W L Underwood, Childress, 25 steers, 952 lbs, \$2.75; 25 cows, 764 lbs, \$2.25; Lee McGrady, Childress, 14 steers, 788 lbs, \$2.50; 10 steers, 908 lbs, \$2.60. August 25-Harris & Co, 740 lbs, \$2.40. August 22-A Har-Colorado City, 550 sheep, 88 lbs, \$4. August 20-The Evans-Snider-Buel Co. sold for W Waddingham, Kans s City, 154 cows, 823 lbs, \$1.90; L H & W C Lee, Elgin, Kans, 309 steers, 1051 lbs, \$2.90; 22 steers, 1041 lbs, \$2.90; Hall & W, Burlingame, Kans, 71 fed steers, 1128 lbs, \$3.30. August 21-Halff & Bro, Elgin, 283 steers, 958 lbs, \$2.55; Forsythe P Co, Elgin, 42 steers, 1154 lbs, \$2.80; 126 steers, 1157 lbs, \$2.75; J Roff, Kansas City, 33 cows, 700 lbs, \$1.90; 66 cows, 689 lbs, \$1.90; Callan & Co, Elgin, 92 steers, 1050 lbs, \$2 65; L Russell, Elgin, 139 steers, 1017 1bs, \$2.75. August 25-Parramore & Co, Abilene, 324 cows, 807 lbs, \$2.25; S H Merchant, Leliaetta, 88 steers, 1097 lbs, \$3.35; Magnolia C Co, Colorado City, 200 cows, 725 lbs, \$1.95; Gibson, Leliaetta, 98 steers, 855 lbs, \$2.55. August 19-Keenan & Sons sold for P W Reynolds, San Angelo, 39 calves, 150 lbs, \$3.65; 40 cows, 733 lbs, \$1.85; Monroe C Co, San Angelo, 27 cows, 752 lbs, \$2; J Pa'es, San. Augelo, 21 calves, 147 lbs, \$3.65; 17 cows, 719 lbs, \$1.85; M T Benson, San Angelo, 28 cows, 700 lbs, \$1.85. August 25-Jackson & M, Bartlett, 13 calves, 214 lbs, \$3; 8 steers, 1053 1bs, \$3; 23 steers, 740 lbs, \$2.30; 29 cows, 729 lbs, \$1.90; 14 cows, 496 lbs, \$1.50.

Tulsa, 88 cows, 764 lbs, \$2; 90 steers, 1076 lbs, \$2.70; W S Kelly, San Angelo, 10 steers, 739 lbs, \$2.30; 38 cows, 696 lbs, \$1,80; S J Blocker, San Angelö, 632 calves, 162 lbs, \$3.25; 10 calves, 267 lbs, \$2; 64 heifers, 533 lbs, \$1.80; 41 heifers, 391 lbs, \$1.50.

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August 19-The James H. Campbell Co. sold for Genesee C Co, Kiowa, 46 steers, 1060 lbs, \$2.85; 278 steers, 1112 ibs, \$2.80. August 21-W I Glass. Fort Chadbourne, 384 goats, \$1 each. August 18-The Texas Live Stock Commission Co. sold for R B Coleman & Co, St. Louis, Mo, 52 steers, 800 lbs, \$2.45. August 21-E English, Seymour, 55 cows, 623 lbs, \$1.70. August 25-J A Matthews, Albany, 95 calves, 150 lbs, $$4.87\frac{1}{2}$; 5 calves, 278 lbs, $$3.87\frac{1}{2}$; 245 cows, 704 lbs, \$2.10; 52 cows, 721 lbs, \$2; 18 cows, 689 lbs, \$2; 31 calves, 211 lbs, \$4.

August 19-Greer, Mills & Co sold for Belcher & B, Henrietta, 209 steers, 1111 lbs, \$3.50; W H Featherstone, Henrietta, 118 steers, 946 lbs, \$2.75; 51 cows, 727 lbs, \$2; J Addington, Henrietta, 83 steers 1053 lbs, \$2.90; Slack & P, Henrietta, 28 steers, 944 lbs, \$2.80; R R \$2.50; Wilson & Co, Wichita Falls, 144 steers, 931 lbs, \$2.60; 46 cows, 761 lbs, \$2; 4 bulls, 1237 lbs, \$1.30; S K Purdham, Henrietta, 45 steers, 964 lbs, \$2.60; J Gunter, Tioga, 177 steers, 858 lbs, \$2.50; Kohn & B, Apache, 22 steers, 1168 lbs, \$2.90; B W Jones, Quanah, 512 sheep, 83 lbs, \$4. August 20-J C Smith, Big Springs, 190 lambs, 54 lbs, \$4.40; T Graham, Nocona, 124 steers, 1022 lbs, \$2.75; Williams & W, 28 heifers, 836 lbs, \$2.90. August 21-W H Featherstone. Henrietta, 66 steers, 938 lbs, \$2.65; Baker & W, Kennedy, 68 calves, 225 lbs, \$3; J A Curry, Mount Calm, 19 cows, 637 lbs, \$1.70; White & R, Kansas City, Mo; 25 steers, 943 lbs, \$2.60; Jot Gunter, Tioga, 453 steers. grove, Midland, 61 cows, 717 lbs, \$2; 38 steers, 963 lbs, \$2.60; J C Smith, Big Springs, 176 lambs, 51 lbs, \$4.25. August 24-J C Smith, Big Springs, 179 lambs, 49 lbs, \$4.25; 152 sheep, 78 lbs, \$3.50; 164 sheep, 71 lbs, \$3.25; 102 sheep, 68 lbs, \$3. August 25-S Cutbirth & Co, Kiowa, I T, 252 steers, 947 lbs. \$3.10.

Roff, Wynnewood, I T, 74 calves, each \$6; 95 steers, 284 lbs, \$2.05; 4 bulls 1110 lbs, \$1.35; 9 bulls, 1165 lbs, \$1. 25; 22 steers, 966 lbs, \$2.15; 99 cows, 693 lbs, \$1.45. August 20-Western Inv & Sec Co, Clarendon, Tex, 180 Cows, 739 lbs, \$1.67[±]. August 21, Western Inv & Sec Co, Clarendon, Tex, 177 cows, 738 lbs, \$1.75; W C Quinlan, Enid, I T, 22 steers, 1156 lbs, \$3; 22 steers, 1154 lbs, \$3.15; 91 steers, 1029 lbs, \$2.90; 61 steers, 1021 lbs, \$2.90; W Dunlap, Enid, I T, 99 steers, 978 lbs, \$2.75; J A Cage, Stephenville, 10 calves, each \$5; 18 cows, 714 lbs, $1.52\frac{1}{2}$; 20 cows, 628 lbs, $1.52\frac{1}{2}$; 14 cows, 690 lbs, \$1,52¹; O F Casteen, Anthony, Kans, 54 steers, 985 lbs, \$2.75. August 22-J H Parramore, Leliaetta, I T, 189 cows, 837 lbs, \$2.15. August 24-M Anderson, Canadian, 23 cows, 950 lbs, \$1.90; 24 cows, 782 lbs, \$1.75; 10 cows, 808 lbs, \$1.50; Traders Bank, Canadian, 55 cows, 634 lbs, \$1.80; H H imburg, Canadian, 46 cows, 777 lbs, \$1.75; B F Hodges, Canadian, 24 cows, 915 lbs, \$1.90; A B Phillips, Canadian, 16 cows, 909 lbs, \$1.95; H Duncan, Canadian, 66 calves, each \$6.75; Davis, Pryor & Co, Silverdale, Kans, 272 steers, 860 lbs, \$2.60; W Waddingham & Co, Coffeyville, Kans, 175 calves, each, \$7; CW Merchant, Leliaetta, IT, 26 steers, 961 lbs, \$2.70; 24 cows, 850 lbs, \$2; J H Parramore & Co, Leliaetta, [T, 44 steers, 1050 lbs, \$2.80; 61 cows, 766 lbs, \$2; 50 cows, 774 lbs, \$1.85; J M Taylor, Inola, I T, 183 steers, 860 lbs, \$2.45; 117 steers, 1041 lbs, $\$2.52\frac{1}{2}$; Slaughter & H, Halifax, Kans, 269 steers, 913 lbs, \$2.22¹/₂; J R Holmes, Kiowa, 118 steers, 1076 lbs, \$3.20. August 25-R D Cragin, Enid, I T, 333 calves, each \$8; Western Inv & S Co, Clarendon, 179 cows, 766 lbs, \$1.65; O H Nelson, Eureka, Kans, 150 steers, 1106 lbs, \$2.70. August 17-Fish & Keck Co sold for M P Parrish, Mangum, 32 cows, 884 lbs, \$1.80; 2 bulls, 1250 lbs, \$1.50; 22 steers, 1044 lbs, \$2.60; P Kellum, Valley Mills, 12 cows, 783 lbs, \$1.55; 15 steers, 945 lbs, \$2.15; 1 bull, 1230 lbs, \$1.30; 23 cows, 726 lbs, \$1.55; J W Plunkett, Mangum, 20 steers, 946 lbs, \$2.371; 8 steers, 817 lbs, \$2.121; 2 cows, 840 lbs, \$1.70; Ry Cross, Brownwood, 266 cows, 721 lbs, \$1.55; 25 cows, 799 lbs, \$1.55; 25 calves, 142 lbs, \$4; 21 steers, 1089 lbs, \$2.50; J T Perryman, Tamala, I T, 1 bull, 1230 lbs, \$1.30; 17 steers, 707 lbs, \$1.80; 9 steers, 834 lbs, \$2; 13 cows, 823 lbs, \$1.70; E G Cole, Ponca Reservation, 77 calves, each \$5; 17 cows, 644 lbs, 51.40; 15 yearling heifers, 434 lbs, \$1. August 18-J R Graham, Velma, I T, 13 cows, 781 lbs, \$1.70; 12 steers, 892 lbs, \$2.15; Hurst, Black & Co, 63 steers, 867 lbs, \$2.20; C V Rogers, Talala, I T, 26 cows, 807 lbs, \$1.55; 26 cows, 686 lbs, \$1.65; Wm McClure, Oklahoma City, I T, 40 steers, 995 lbs, \$2.05; D M Spain, White Bead Hill, I T, 33 steers, 958 lbs, \$2.30; 8 cows, 815 lbs, \$1.85. August 20-W H Byers, Paul's Valley, I T, 65 steers, 1267 lbs, \$3.10; J E Johnson, Johnson, 3 cows, 930 lbs, \$1.75; 21 steers, 997 lbs, \$2.45; Baird & Ingram, Purcell, I T, 15 cows, 846 lbs, \$1.75; 11 steers, 881 lbs, \$2.25; 49 steers, 979 lbs, \$2.40; L Rogers, Talala, IT, 22 cows, 641 lbs, \$1.40; J H Deere, Minco, I T, 3 cows, nell & Eubank, Canadian, 23 cows 916 759 lbs, \$2; 25 steers, 926 lbs, \$2.50. August 24-Woods & Payne, Purcell, I T, 2 cows, 870 lbs, \$1.75; 57 cows, 751 192 steers, 1047 lbs, \$2.65; W H Godair, 1bs, \$2.221; 147 steers, 900 lbs, \$2.221; 1bs, \$1.75; Stewart Bros, Greer county, 880 lbs, \$1.65. Aug. 21-J E Campbell,

22 cows, 685 lbs, \$1.40. August 19-Joe 188 calves, each \$6.75; L B H wer, I T, 253 steers, 1038 lbs, \$2.35. August 25-Millett B os, 143 steers, 1042 lbs, \$2.25; Ives & Doyle, Higgins, 162 cows, 903 lbs, \$1.90; R A Steele, Liberal, Kans, 2 bulls, 1220 lbs, \$1.80; 83 steers, 922 lbs, \$2. 40; L B Haver, I T, 272 steers, 1036 lbs, \$2 35; 25 steers, 916 lbs, \$2; J D Stine, El Reno, Kans, 13 cows, 86 lbs, \$1.90; Loving Cattle Co, Henrietta, 127 steers, 805 lbs \$2.30.

> August 10-Larimer, Smith & Bridgeford sold for C W White, Vinita, I T, 95 cows, 631 lbs, \$2; 102 calves, 135 lbs, \$3 60; 2 steers, 835 lbs, \$2.30; 33 cows, 741 lbs, \$1.55.

August 17-Cassidy Brøs Commission Co sold for Geo T Hume, Arkansas City, Kans, 78 steers, 1028 lbs, \$2.80; 76 steers, 1039 lbs, \$2.80; 75 steers, 1039 lbs, \$2.80; 22 steers, 1035 lbs, \$2.80; Chas Coon, Weatherford, 80 cows, 772 lbs, \$1.60; 81 cows, 753 Ibs, \$1.60. August 18-C M McClellan, Talala, I T, 80 steers, 864 lbs, \$2.45; 76 steers, 889 lbs, \$2.45; 41 steers, 838 lbs, \$2,35; TL Hill, Arkansas City, Kans, 227 steers, 1037 lbs, \$2.50. August 19-Jay Forsythe, Arkansas City, Kans, 37 steers, 1166 lb₃, \$2.85; 7 steers, 928 lbs, \$2.35; F M Lotts, Hunnewell, Kans, 11 cows, 944 lbs, \$1.65; 17 calves, each \$6.25; C M McClellan, Talala, I T, 49 steers, 834 lbs, \$2.35; 3 cows, 886 lbs, \$1.75; 10 steers, 839 lbs, \$2.35; L P Jones, Wagoner, I T, 46 cows, 773 lbs, \$1.70; 32 steers, 905 lbs, \$2.35. August 22-Forsythe & Brawner, Purcell, I T, 76 steers, 926 lbs, \$2.45; 52 steers, 933 lbs, \$2.45; 52 steers, 921 lbs, \$2.45; A Forsythe, Purcell, I T, 116 steers, 702 lbs, \$2; Jay Forsythe & Co, Leliaetta, I T, 115 steers, 1009 lbs, \$2.80; Owen & Duffy, Purcell, I T, 95 steers, 1079 lbs, \$2.371. August 19-Scaling & Tamblyn sold

for W Burdette, Gainesville, 26 cows, 811 lbs, \$1.85; 1 bull, 1470 lbs, \$1.50; White Bros, Elgin, Kans, 108 calves, \$6 each; 56 cows, 837 lbs, \$1.70; C Dillon, Era, 1 bull, 1080 lbs, \$1.25; 55 cows, 823 lbs, \$1.70; 2 stags, 1230 lbs, \$1.70; J N & T N Morrison, Plainview, 114 sheep, 81 lbs, \$3.90. August 20-W A Weir, Leonard, 22 cows, 834 lbs, \$1.50; 2 bulls, 880 lbs, \$1.15; 30 heifers, 533 lbs, \$1.20. August 22-N Skinner, Vinita, I T, 31 calves, 140 lbs, \$4; 47 cows, 755 lbs, \$1.70; Johnson & M, Amarillo, 190 steers, 992 lbs, \$2.40. August 24-Johnson & M, Amarillo, 59 cows, 796 lbs, \$1.65; 33 bulls, 1133 lbs, \$1.15; 232 calves, \$6.25 each; First National Bank, Amarillo, 218 steers, 842 lbs, $$2.12\frac{1}{2}$; A T Walker, Amarillo, 25 steers, 818 lbs, \$2; 34 thin heifers, 539 lbs, \$1.15; Jas Edwards, Nowata, I T, 16 steers, 841 lbs, \$2.15; 3 cows, 760 lbs, \$1.85; T W & J N Morrison, Plainview, 26 cows, 833 lbs, \$1.85; 96 steers, 825 lbs, \$1.85; 21 bulls, 1155 lbs, \$1.15. AT NATIONAL STOCK YARDS, ILLS. August 17-Stewarte & Overstreet sold for Baker & Woodworth, Cuero, Texas, 68 calves, \$5.75 per head. August 18-for S G Wills, Chelsea, I T, 46 steers, 952 lbs, \$2.90; 51 steers, \$92 lbs, \$2.50; C N Drake Chelsea, I T, 15 cows, 882 lbs, \$1.80; 1 bull, 1440 lbs, \$1.25. August 19-J R Thompson, Coleman, 51 cows, 736 lbs, \$1.70; 59 calves, \$6.25 each. August 20-Ed English, Encinal, 32 yearlings, 375 lbs, \$1.50; 32 steers, 560 lbs, \$1.70; J C Mc-Spadden, Chelsea, IT, 25 steers, 919 lbs. \$2.65; 18 steers, 857 lbs, \$2.30; 8 cows,

sold for Montgomery & B, Tulsa, IT, Dougherty, Miaco, IT, 298 steers, 900

August 24-Wood Bros sold for F B Farrin, Seymour, 162 steers, 974 lbs, \$2.65.

August 22-R Strahorn & Co sold for Ed Farmer, Aledo, 22 steers, 1019 lbs, \$2.85; 110 steers, 1024 lbs, \$3.40; Mrs C H Higbee, Aiedo, 81 steers, 738 lbs. \$2.40. August 24-Halsell & P, Carlisle, 25 steers, 924 lbs, \$2.65; 52 steers, 858 lbs, \$2.75; O T Love, Carlisle, 26 steers, 853 lbs, \$2.75.

AT KANSAS CITY.

August 17 — Evans-Snider-Buel Co sold/for Western Inv and Sec Co, Clarendon, 61 calves, each \$6.10; 50 calves, each \$5.90; S Cutbirth, Inola, I T, 27 calves, 120 lbs, \$4; 23 cows, 800 lbs, \$1.55. August 18-G W Littlefield. Chillocco, I T, 260 steers, 960 lbs, \$2.65; 25 steers, 1101 lbs, \$2.65; R K Halsell, Minco, I T, 75 steers, 994 lbs, \$2.60; 25 steers, 982 lbs, \$2.65; Dyment & Lane, Minco, 45 steers, 1005 lbs, \$2.15; Con-August 18-Godair, Harding & Co | lbs, \$1.70; 15 cows, 820 lbs, \$1.70; F M

Alluwe, I T, 49 steers, 924 lbs, \$2.70; 23 steers, 958 lbs, \$2.621.

August 19-Cassidy Bros & Co, sold for T C Irby, Seymour, 18 steers, 914 lbs, \$2.25; 28 cows, 665 lbs, \$1.80; 18 yearlings, 466 lbs, \$1.50; 6 cows, 811 1bs, \$2; 46 calves, \$5.25 each; Otto Zufall, Muskogee, I T. 44 steers, 966 lbs, \$2.80; T A Neal, Muskogee, I T, 22 steers, 831 lbs, \$2.30; Isaac Goodall, Sac and Fox Agency 30 steers, 1005 lbs, \$2.75; 30 cows, 704 lbs, \$1.50; 14 calves, \$6.50 each; Mrs. Fannie Whistler, Sac and Fox Agency, 87 cows, 752 lbs, \$1.50; 94 steers, 1015 lbs, \$2.40; 15 heifers, 500 lbs, \$1.35; 1 bull, 970 lbs, \$1.50; Dick Hartshorn, Sac and Fox 1bs, \$2.90; Mrs Scott Catoosa, 23 steers, Agency, 9 cows 746 lbs, \$1.50; Wilson Williams, Catoosa, J T, 24 steers, 944 lbs, \$2.95; 28 cows, 853 lbs, \$2.15; 27 heifers, 838 lbs, \$2.55; 1 cow, 1060 lbs, \$2.25; C W Turner, Muskogee, I T, 40 steers, 1163 lbs, \$3.25; 3 steers, 1073 lbs, \$2.75; Jas Parkinson, Red Fork, IT, 18 steers, 1245 lbs, \$3.80; 22 steers, 1132 lbs, \$2.90; W E Gentry & Co, Checota, I T, 159 steers, 1228 lbs, \$3.25. Agust 20-W E Halsell, Vinita, I T, 38 steers, 1228 lbs, 3.50; 18 steers, 1073 lbs, $3.12\frac{1}{2}$; 4 cows, 892 lbs, \$2.121; 35 steers, 1056 lbs, \$2.40; 22 steers, 1062 lbs, \$2.95; Wilson & Williams, Catoosa, I T, 83 heifers, 834 \$1bs, \$2.50; 43 steers, 1028 lbs, \$3.25; 36 calves, \$6.25 each. August 24-for C W Turner Muskogee, I T, 26 steers, 1008 lbs, \$2.70; N Skinner, Vinita, IT, 40 steers, 1188 lbs, \$3.30; 81 steers, 1193 lbs, \$3.15; 21 steers, 934 lbs, \$2.50; W C Edwards, Waggoner, IT, 21 steers, 1140 lbs, \$2.80; Gibson & Edwards, Waggoner, 56 steers, 811 lbs, \$2.50; Gibson & Cowan, Waggoner, 24 steers, 968 lbs, \$2.50; Gibson & Allen, Waggoner, 80 steers, 824 lbs, \$2.60; 28 steers, 828 lbs, \$2.65; Cowden Bros, Waggoner, 98 steers, 968 lbs, \$2.50; 1 stag, 1370 lbs, \$2.25; Vanham & Cowan, Waggoner 77 steers 863 lbs \$2.35 A

Gainesville, 110 cows, 671 lbs, \$1.85; August 20-W J Strange, Chelsea, I T, 62 cows, 691 lbs, \$1.75; W S Joins, Spanish Fort, 22 yearlings, 482 lbs, \$1.65; 2 cows, 725 lbs, \$1.50; 37 calves, \$6 each; J O Hall, Vinita, IT, 23 steers, 1122 lbs, \$3.25: 45 steers, 971 lbs, \$2.85; 4 steers, 900 lbs, \$2.50; Jno Millwee, Vinita, IT, 25 steers, 894 lbs, \$2.55; N Skinner, Vinita, 19 steers, 1055 lbs, \$2.65; 168 steers, 911 lbs, \$2.50; L J Berry, Encinal, 57 calves, \$5.50 each; Scott & Fuller, Choteau, I T, 96 steers, 1038 lbs, \$3; J M Williams, Colorado City, 271 goats, 72 lbs, \$2.371. August 25for W Scott, Catoosa, I T, 53 steers, 947 1175 lbs, \$3.25; H M Kidwell, Mineral Wells, 28 cows, 771 lbs, \$1.85; 1 bull, 1060 lbs, \$1.25; Clardy & Higley, Sweet Water, 82 calves, \$6 each; 25 steers, 840 lbs, \$2.25; 30 cows, 682 lbs, \$1.75; 43 cows, 672 lbs, \$1.65; 13 yearlings, \$6.75 each; E A Hicks, Loop, 1 stag, 970 lbs, \$2; 1 bull, 1290 lbs, \$1.75; 26 cows, 784 lbs, \$2; Cable & Castleman, San Antonio, 48 steers, 963 lbs, \$2.25. August 26-J C Kirby Loop, 28 cows, 713 lbs, \$2.20; 29 cows, 780 lbs, \$1.90; 1 cow, 820 lbs, \$1.50; S Webb, Bellevue, 7 cows, 671 lbs, \$2.20; 1 cow, 840 lbs, \$1.75; 44 calves, \$6.75 each; 1 calf \$8.

Chicago Market Letter.

UNION STOCK YARDS, ILL., CHICAGO, August 26, 1891.

The receipts Monday were 2,500 cat tle, 21,000 hogs, and 8000 sheep. With about the same number of cattle as came a week ago, and 4000 less than were received on the corresponding day last year, the market was fairly active at steady prices. Good to choice beeves were scarce, of course, and on that account they sold at stronger prices. The general market was more satisfactory to sellers without much change in prices.

tered rangers was small. The demand was a little better, and prices ranged was poor to fair and nothing good to choice was on sale. Buyers took cattle however, reach this price. that they would not look at earlier in the week. Fresh arrivals in the Texas division Saturday were close to 1000 head, mostly steers. A fair supply of Panhandle, Colorado, New Mexico and Wyoming cattle were in the native division. The general market was quicker with a fuller line of buyers. Compared with Thursday, most of the traders reported 10(@15c rise, and some 15(a20c, and still more between the best sales Saturday and the cheapest sales of the week.

Monday's market opened with the biggest cattle run of the year, the greater part of which were' range cattle. The total receipts Monday were 9230 cattle and 1470 calves. The supply of range cattle was the largest of the season. Close around 3000 went into the Texas division, and there were more than 4000 Panhandle, Colorado, New Mexico and Arizona cattle in the native division. The quality was poor, to medium as a rule with a few bunches of good stuff. An urgent buyer or two that were very particular about quality paid favorable prices for a few early cattle that just suited.

The general market was lower and extremely dull. At noon, scarcely any had changed hands, and bids were either unsatisfactorily low or missing altogether. The light run of cows, the last half of last week made a good demand and very few of the 1500 arrivals were unsold at noon. Prices steady to strong, closing easy. Calves were plenty and sold readily at steady prices.

The receipts Tuesday were light and the feeling was much better. To-day (Wednesday) the receipts were 7500, of which about and thind .

good Texas grass steer to bring \$2.75, while it requires a ripper to bring \$3, from steady to 10c higher. The quality but they can be good enough to bring \$3.25, as did Scott's one load, but few,

> The sheep market was very lightly supplied to-day, the receipts amounting to very few loads, and there was very little quality represented in the offerings. Prices were fairly steady and values very much the same as at the close of last week. There is an active demand for stock ewes at \$3.50(a)4; stock wethers at \$3.25(a3.60; fair to good mixed loads of mutton grades are selling at \$4(a)4.75. One lot of 400 Texas muttons, weighing 70 lbs, sold at \$3.50 per 100 yesterday. RUSTLER.

New Orleans Market Report. Reported by Albert Montgomery, Live Stock Commission Merchant, Stock Landing.]

NEW ORLEANS, August 17, 1891. Sales. On Hand. Receipts. Beef cattle 1140 1053 Calves and yearlings 2591 2473 532 Hogs..... 318 217 Sheep..... 417 685 250 CATTLE. -Good to choice beeves per 1b, $2\frac{1}{2}(a3)$; common to fair beeves, 2(a21); good fat cows, 2(a)21; common to fair cows, \$9(@12; calves, \$4.00(@7.00; yearlings,\$6.00(a)8.50; good mileh cows, \$20(a) 30; good, attractive springers, \$15(a20. HOGS.-Good, fat corn-fed per lb, gross, $5\frac{1}{4}(a)5\frac{1}{2}$; common to fair, $4(a)4\frac{8}{4}$.

SHEEP.-Good fat sheep, each 2.50(a); common to fair 1.25(a).

Liberal receipts of beef cattle during the week and the market closed fairly supplied. Good fat beeves firm. Good cows firm and movement active. The receipts of calves and yearlings has been large and the supply on hand is large; prices are weak and tending downwards. Poor stock is hard to sell.

The market is fairly supplied with hogs. Good fat stock steady as quoted. The sheep market is quiet. Poor stock

	A Chapman, Dublin, 11 cows, 769 lbs,	The receipts of Texans Monday were	Territory cattle. Calves sold at an ad-	is not wanted and quotations are not reliable, except for good fat muttons.
	\$1.80; 17 bulls, 902 lbs, \$1.40; 4 calves,	3500. Values were generally strong, with a slight advance. J. B. Wilson,	vance of fully 50 cents a head while the	The Domestic Doer.
	\$5.75 each; D Waggoner & Son, Har-	Dallas, Texas, was here Monday	feeling generally was better than last	A sure cure for inflammatory rheu-
	rold, 526 heifers, 651 lbs, \$2.15; C W	with a train of Montana - Texas	week. The weather is much cooler,	matism is by taking one ounce of pul-
	Merchant, Waggoner, I T, 27 cows, 802	steers, averaging 1214 lbs, which	the hot weather besng considered as	verized saltpeter and putting it in a
	lbs, \$1.95; J H Tanner, Catoosa, I T, 28	were good enough to bring \$4.25.	over for the season, a firmer and better	pint of sweet oil. Bathe the parts
	cows, 833 lbs, \$2.15; 12 calves, \$6 each;	Receipts in Texas division last week,	market may now be confidently ex-	affected and a sound cure will speedily
	P N Blackstone, Muskogee, I T, 41	17,477 cattle and 2203 calves. Counting	pected. Long Horn.	be made.
	cows, 755 lbs, $$1.87\frac{1}{2}$; 13 cows, 726 lbs,	what were unloaded in other divisions	St. Louis Market Letter.	Pleasant Employment at Good Pay.
	\$1.87 ¹ / ₂ 48 steers, 952 lbs, \$2.85; 25 steers,	of the yards the number of cattle	NATIONAL STOCK YARDS, ILL.,)	
	963 lbs, \$2.70; 1 bull, 1170 lbs, \$1.40; 78	reached about 20,000.	August 26, 1891. §	The publishers of SEED-TIME AND
	calves, \$7.25 each. August 25-S J	To-day's receipts were 7500, of which	The receipts at the beginning of the	HARVEST, an old established monthly,
	Newton, Seymour, 57 cows, 727 lbs, \$2;	3000 were Texans, all of which were	week were 4050 cattle, 1380 hogs and	[] 이 가지 않는 것 같은 것은 것은 것 같은 것 같은 것 같은 것 같은 것 같은 것
	23 steers, 964 lbs, \$2.50; 81 calves, \$7.25	readily sold at fair, strong prices.	750 sheep. There were about 3000	subscription lists, will employ a num-
	each; E H East, Fort Worth, 20 steers,	Winfield Scott of Fort Worth had a	Texas and Indian cattle, and while the	ber of active agents for the ensuing six
	1054 lbs, \$2.65; E B Harrold, Fort	string of Texas grass steers on to-day's	average was not lower in quality than	
	Worth, 4 cows, 677 lbs, \$2.15; 3 cows,	market that weighed 1027 lbs and sold	usual the good cattle were scarce. Al-	
	770 lbs, \$1.80; Harrold & East, 47 cows	at \$3.25.	though advices were not favorable to	
	and heifers, 704 lbs, \$1.85; 25 cows, 694	Harness & Co. of Colorado City,	commence with, there was a good and	사실에 있는 것은 것 같은 것에서 잘 알려야 한다. 것은 것은 것을 알려야 한다. 것을 알려야 한다. 이번 것을 가지 않는 것이다. 가지 않는 것이다. 가지 않는 것이다. 가지 않는 것을 알려야 한다.
	lbs, \$2; 15 calves, \$6.50 each; Foley,	Texas, had 500 muttons, averaging 88		
	Davis & Co, Seymour, 28 cows, 780 lbs,	pounds, on to-day's market. They sold	sirable cattle sold full ten cents higher than closing values of last week. This	
	\$1.85; 23 cows, 786 lbs, \$1.85; 5 steers, 914 lbs, \$2.50; 18 yearlings, 480 lbs, \$2;	at \$4 per 100 lbs.		silver dimes, or 20 2-cent stapps with
	58 calves, \$6.50 each; J Blanton, Hutto,	The weather is nice and cool, and		your application, stating your age and
	27 mixed cattle, 804 lbs, \$1.90; Jas	indications are that we will now have a		
	Parkinson, Red Fork, IT, 22 steers,	better market.	about the same as last Friday.	nent business man as reference as to
	1080 lbs, \$3.65; 22 cows, 928 lbs, \$2.35;	TEXAN.		your capabilities, and we will give you
	20 steers, 1210 lbs, \$3.40; J C Butler,	Warning Otton Value	and 2800 sheep. The market was	
1.1	Markley, 26 cows, 743 lbs, \$2; Jones &	Kansas City Letter.	strong and active. The range cattle	
	Williams, Henrietta, 25 steers, 924 lbs,	STOCK YARDS, KANSAS CITY,		
	\$2.70; 64 cows and heifers, 715 lbs, \$2;	August 26, 1891. §	2500, mostly Texans. W. Scott shipped	SEED-TIME AND HARVEST,
1	Wilson & Williams, Catoosa, I T, 84	Cattle receipts were light Saturday	in a lot of his Territory-Texans, one	La Plume, Pa.
	heifers, 773 lbs, \$2.75; W C Edwards,	and over half Texas and Western. The	car-load of them weighing 1175 pounds	the second se
	Waggoner, IT, 24 steers, 981 lbs, \$2.50;	Benerer interest on the second on the	average, sold at \$3.25. This, however,	Remainshor CITY MOD.
	23 steers, 963 lbs, \$2.50.	thing of desirable quality than the mid-	was a crack; sale the cattle were ex-	Dust Mast Mullesul.
*	August 19—Scaling & Tamblyn sold	die of the week and many kinds sold a	tra good. Most of sales while active	
		little higher. Rubbish was an excep- tion.	were at but little advance over last	Business, Shorthand, Telegraph, Phonograph and English Departments: Railroad fare paid. Grad-
	steers, 922 lbs, \$2.65; A J Davis,		week's figures. It still takes a pretty	uates aided in securing positions. Catalogue free.
	boord, one ins, pa.00, it o travis,	The supply of marrie and for of win 1	income anglaroon are built surroo to provoy I	

and the second second

AGRICULTURAL.

One of the "starving Kansas farm ers" has just sold \$4500 worth of blue grass seed from his farm.

About 30,000,000 bushels of grain can be stored in the twenty-seven grain elevators located among the waterways of Chicago.

Virgil, "sweet singer" and poet of "Oh twenty centuries ago, wrote: farmers, too happy if they can know their own good." True this is to-day as in that ancient time.

There are eleven new inventions on the market this year for harvesting corn. Some of them are very valuable adjuncts to the farmer, for the crop can be cut and bundled as easy as grain or hay.

Three years ago all the potatoes consumed in Cochise county, Arizona, were shipped from California. This year all the potatoes consumed in Tombstone and vicinity are raised within thirty miles of town. It is estimated that by close figures fifteen sacks a day are consumed of potatoes raised in that vicinity and bring \$3 a sack, which is \$45 per day that was formerly sent out of that country to California.

The Oxford (Ohio) Farmers' Club may be taken as a model for similar institutions in one respect at least. For eighteen years there has not been a failure to meet at the appointed time and place. Much of the good accomplished by such an organization depends upon the regularity with which its meetings are maintained. As soon as trivial causes are allowed to interfere with these its usefulness is on the wane.

Before putting your stock into winter quarters, see if some of it cannot be profitably weeded out. Is there not some that is pretty sure to come out in the spring no more valuable than it is now? If so, what is the use of feeling it? Profit in farming consists as much in avoiding losses as in making a gain, and it is a very direct loss to continue feeding any animal that is not increasing in value. This is the time to look

plied not only to arid regions, but to all our great agricultural districts, wherein an occasional drouth destroys crops and renders the labor of the husbandman of no avail. It is the most complete method of which we can avail ourselves for making every season a good one, and for reducing to a minimum our chances of failure. It unlocks from the soil and supplies steadily to the plant the elements needed for its growth. The "farm of the future" will be the irrigated farm.

The harrow for cultivating the entire surface while the corn is small is an indispensable implement in growing it for fodder. It destroys small weeds in the drill rows, and subsequent cultivation between the rows does the rest. The harrowing will, in most cases, do all the more good if it thins out part of the corn also. When corn is put in for fodder, many farmers think that the more stalks they have the better will be the crop. There is hardly ever a season when leaving the stalks far enough apart to bear some ears will not produce a greater weight, besides making the crop of better quality.

The farmer often has a chance to buy cheap grains, elevator, sweepings, screenings or the refuse from brewers very low, but he should be well posted before purchasing much, and should use carefully. Usually the seller knows the feeding value better than the buyer, and he expects to get as much as it is worth. And often there is damaged grain, chaff or foul seeds, that will do injury instead of good to the animals to which it is given. Even the hog cannot get fat, or a little good grain.

One reason why the sheep is more valuable as an enricher of the soil upon which it feeds than the cow, is that while the cow consumes about six times as much food as the sheep, the six sheep would only take away in their fleeces a little less than 2 pounds of nitrogen and less than 10 ounces of mineral matter, while the cow, if she gave 4000 pounds of milk, would take away 26 pounds of mineral fertilizer, largely phosphate of lime, and 25 pounds of nitrogen, or thirteen times as much as much food as the cow, but they will eat many plants that the cow does not eat. sa

been lately mide to Borneo Island, and American planters will watch the outcome with interest. During our civil war attempts were made in various than they eat, and the hogs, if permitsupply. But they all failed to produce heated-to their own detriment. This cotton anywhere near as cheap as it straw is too valuable to handle in such had been furnished by Southern slave manner, or even to be used methodically labor. The cotton was not of so good for increasing the manure or compost quality when grown in Egypt or India heap, although that is better than to as that furnished by the South. Now cotton grown by Southern free labor away under cover, and fed in combinasells lower than it usually did in tion wheat bran or oil meal, it will do slavery times.

The farmer is an important factor in our national greatness. One reason why Americans, as a people, accomplish so much is because they are so well fed. and it is the farmer who feeds them. The average consumption of meat in the United States is, probably, 175 pounds. Of other civilized nations only Great Britain exceeds 100 pounds, and many of them scarcely average 50 pounds. The consumption of cereals, by man and beast, is three times as much, in proportion to population, as in Europe. For the past ten years the average has been 45 bushels for each unit of population, while the usual European consumption does not vary greatly from 16 bushels per annum. While all is not used as foud for man, no small part of it contributes toward the meat supply.

The farmers of the United States have about \$100,000,000 in sight this year, over and above that of last year. This is our reading of the crop record and the advance of prices all along the line. The foreshadowing of this fact grow on poor grain as fast as he can was what impelled us to say weeks ago, upon waste vegetables and fruit with that the farmer who held what wheat he had to sell, less that he might be obliged to sell at once, would get large prices for what ha could hold. Our wheatcrop is now estimated at 500,000,-000 bushels, oats 625,000,000 bushels, corn 2,000,000,000 bushels-very much more than last year. This shows a prospective gain of these three great staple crops, equal to nearly twentynine per cent. over last year, and equal to over 14.50 per cent. over the last eleven preceding crops.

As is well known, corn tassels are the male part of the corn plant, that furnitrogen and forty-three times as much | nish the pollen, which, falling on the mineral as the six sheep. The six silk, fertilizes it and produces the sheep are supposed to weigh about the grain. The profusion of nature is such same number of pounds and eat about that not merely the silk, but leaves and the ground between the rows, is covered at blossoming time with this fine dust. The tassel remains a long time in bloom, unless drouth checks the corn growth, but even then nature provides tassels on the suckers that spring from the base of the stalk, and which often bear small ears well fertilized by the blossoms on the main stalks as well as upon the suckers. That this blossoming is exhaustive is shown by the change of color from dark green of vigorous growing corn in leaf to the much lighter hue after tassels and silk appear. More of the failures in farming, as well as in other branches of industry, come from lack o faith than from any other cause. Farmers are especially apt to decry their calling as necessarily unprofitable. The home living and various conveniences that their farm furnishes they take as a matter of course. When they hear or read of large salaries paid to men engaged in the city work, few farmers think how much of these must go for house rent and other expenses from which they are exempt. Farmers who leave their homes and go where everything they use must be bought, find that money melts away rapidly, and that after all the small net income that may be saved on the farm will in the course of years aggregate a more certain competence than a majority of those engaged in other business can safely expect.

ments, and not much use made of them. Perhaps the cattle will browse upon them somewhat, tramping down more tropical countries to grow cotton, to ted to, will nest about the b ttom of replace what America could no longer them thus keeping continually overlet it merely rot in the field. Stored capitally for stock eattle and for sheep, and will help very largely toward saving the hay. Straw will pay just as well for good handling as will any other of the farm crops.

To Prevent Smut in Wheat.

As the season for sowing wheat will soon be at hand, and it is very important to sow only seed free from smut, we publish the following from the pen of Hon. C. S. Plumb, director of the experimental station at Lafayette, Indiana:

Numerous reports have been received at the experiment station of losses in the wheat crops by smut. The matter is a serious one, and farmers are beginning to realize it, and wish to know how it can be prevented.

There are two kinds of smut that destroy wheat heads. The first form is known as stinking smut, and while the seed head does not change its form, the wheat seeds become black, soft, stinking and are ruined. The second form is loose smut. The whole head turns black and to powder, and falls away, leaving only a bare stem where it was. In both cases this black powder consists of countless minute spores, which blow about and mingle with the grain in thrashing and then sprout and grow in the wheat plant after it is above the ground, finally blasting the head. If these black spores, too small to be seen by the naked eye, can be destroyed before the seed is planted, no smut will injure the wheat for harvest. Experiments have been conducted at the Purdie University experiment station, for the purpose of preventing these diseases, and a result of the work here, the following remedy is presented: For Stinking Smut—Fill a tub or half barrel about two-thirds full of water. warmed up to 140 to 145 degrees temperature. Place a bushel of wheat seed in a lose or thin sack (say a coffee sack) and dip it into the tub and thoroughly work the water in among the seeds. Let the seeds stand in this hot water at least five minutes. The water must not be allowed to get cooler than 130 degrees, and the nearer it is to 140 degrees the more satisfactory the treatment. By this method we have entirely prevented the disease, while seed from the same source, not treated, caused a large loss in crop. The seed will dry in twenty-four hours if spread on the barn floor, and occasionally turned. Or it can be dried in a short time if mixed in land plaster or dry road dust. For Loose Smut-Our experiments only enable us to suggest treatment for this disease the present year, which is to dip the seed as in treating above, only having the water ten degrees warmer (150 to 155 degrees). We believe this treatment will largely prevent the smut occurring in the crop. Our experiments have shown us that water at 135 degrees will not prevent disease.

over your stock and determine what it will pay to keep.

Do not put off your preparations for winter until the snow flies. Sell all your ill-bred cattle now. Fit up to grind your feed and to cut the hay and fodder, and feed as a chop. Corn fodder, no matter how large or coarse, if run through a machine which crushes and splits the stalks and then cuts them to half inch lengths, will be eaten clean if fed with ground feed mixed through, and cattle will thrive on them. Feed your corn stalks and straw with ground feed, and save your hay for market.

Man is the only anunal that eraves ice-cold drinks in hot weather. The wiser instinct of all domestic animals prefers water near the temperature of the surrounding air in summer, and in cold weather that which is near the blood heat. Cows will often drink from some muddy pond while refusing clear water from a deep well. To get them to drink the latter it should be pumped several hours before using and allowed to warm all it will in the sun.

Has it occurred to you that if you have a surplus of any one forage that sheep are just the fellows you want to help equalize matters? There are no upon so many sorts of food, so, ininstead of providing a forage crop on purpose for them, wait until you see take it and give you good return in powerful nation on the globe. wool and mutton.

mately have a wider range than it has a limited area, and that in the United On many farms huge straw stacks will been previously given. It will be ap- States. A shipment of its seed has be seen, exposed all winter to the ele-

We reiterate what we said at harvest time. The farmer who sold only sufficient to meet his actual money wants and saved the balance will be found to have been the, wise man. But when the real push comes, to meet the world's deficiency, wise calulations will have to be made to sell well up to the top of the market. As a rule the farmer holds too long, and sells on the decline of the market, and this from natural causes. The man with true business tact keeps himself thoroughly informed through every possible reading source. Such men are quite as liable to sell at the top of the market as the most astute board of trade operators do.

Crop prospects are most gratifying throughout the United States. It will be a more prosperous year for American farmers than any since 1879 and 1880. A bountiful harvest is supplemented by an extraordinary foreign demand. The farmer will again insure the nation's prosperity by adding to other animals that will eat and thrive the nation's wealth. Agriculture is the unfailing source of legitimate wealth. Its honest toilers avert panics in Wall street, start the looms and what you will have a surplus of, and spindles, enrich the transportation then provision the sheep with that. So' companies, solve the problems of nathat it be clean and wholesome, they tional finance and make the United will not care much what it is, but will States the richest, happiest and most

It has been supposed that Sea Island The question of irrigation will ulti- cotton would only grow successfully in

The oats have been harvested now. and have been or are being thrashed.

We hope our wheat farmers will try these tests, and let us hear from them as to results. It is an important matter. The medicine costs nothing. The experiment takes but little time. If you are farming for profit, you cannot afford to plant contaminated seed wheat.

Many Persons are broken down from overwork or household cares. Brown's Iron Bitters Rebuilds the system, aids digestion, removes excess of bile, and cures malaria. Get the genuine.

SWINE.

Whatever the flower, the national animal is the hog.

Pigs castrated while still sucking, and in prime condition, should be almost entirely well in one week.

Hog cholera is making a clean sweep of hogs on the farms in the Miami river bottoms near Dayton, Ohio.

Some sows will lie on and kill many of their pigs, others will never kill any Keep the careful mothers for breeders.

Herds of wild hogs, estimated at from 1000 to 3000 head, are reported roaming over Lerdo colony, near Yuma, Ari.

Some farmers think if a steer or cow is lost on the farm that the best use that can be made of the carcass is to feed it to the hogs. An excessive gorge of such food is dangerous.

Aside from the losses at farrowing time, the next heaviest probably come in at the beginning of feeding in the fall. The change of food is too great and sudden. Although the hog may have a stomach approaching iron in strength, this sudden overtaxing " knocks him out."

The old theory of hog raisers was that the greater the amount of flesh that could be concentrated in one carcass the greater would be the profit in producing it. Now we have pretty positive knowledge that we can grow four hogs so as to make a total of 1000 pounds for less money than we could grow two to make the same weight.

Rain-spoiled corn, that is corn made. soft from excessive rains about or after maturity, is believed to be a prolific cause of disease in swine. If any of our readers have such this season we trust they will use with the greatest moderation. It would even pay better to allow a little corn to go wholly to waste rather than to predispose the herd to disease.

The combination of points in a hog that are most likely to produce a good feeder-one that will carry his development with him and fatten at any ageis about as follows: Medium size, short legs, fine or medium bone, broad straight back, medium length, good girth and smooth head. The day of the long legged and long nosed hog is past.

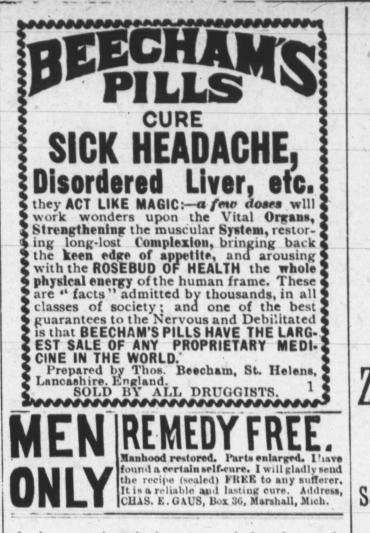
can not well, afford to sell some of your corn and oats and buy linseed meal, Remember, too, in figuring upon it. that a variety is always better than a single food for any animal.

Hog Values. American Swineherd.

All conditions are favoring good prices for the growing crop of hogs this fall and winter. The shortage in the summer packing will enable the consumer to reduce the heavy surplus of pork products that have been a dead weight upon the market and borne down the price. There is no question of the shortage of the growing crop and scarcely none of the increase in the available European markets, or in other words, increasing the present demand while decreasing the supply. There is yet one condition not yet entirely assured that will figure in the profitableness to the farmer, and that is the corn crop. With a good crop of corn, hogs will prove a money-saving machine to convert both corn and hogs into dollars. It will be the part of wisdom if you have a good crop of corn coming on, and are not in possession of hogs to feed it to, to secure them as soon as possible, for there is sure to be a great scurrying around for stock hogs this fall, with prices advancing. Don't forget that high prices for pork will make_better prices for breeders, and the sooner they are secured the cheaper you are likely to get them.

Hog Dyspepsia.

Hog dyspepsia is the forerunner of many hog ailments. It throws the system out of condition and lessens the power to resist disease. The dyspeptic hog is an unthrifty one; he is always hungry, continually eating, if he has an opportunity, but the food does him no good, as it is only partly digested. He actually seems to dwindle in size, instead of grow, and becomes "pqtbellied." He is uncomfortable himself, and renders his companions as much so as he possibly can. The cause of dyspepsia is overfeeding, or rather irregular feeding, allowing the hog to become very hungry and then gorge himself. When the internal machine of the hog is once thrown out of gear, like any out of gear, will rapidly grow worse. The preventives are better than cures. Keep the hogs well supplied with charcoal, wood ashes, salt, and lime to keep them well toned up. If they are suffering from the disease, reduce the food to a very light diet, give plenty of charcoal, and watch the condition closely, and, by regulating the feed, they can be gradually brought up again.



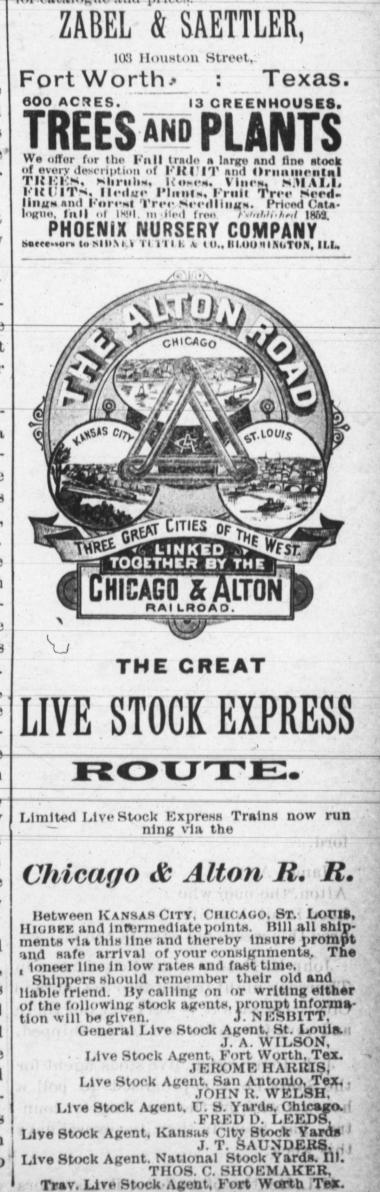
their growing is kept up right through the winter, there is evident gain and profit. The sows must be kept and wintered at any rate, and with a little economy the increased cost of wintering a few litters would not be much.

Fall pigs can be marketed nine months from their birth, and if they are not ready in this time they have not been properly fed and wintered. This cannot be done, however, if a late start is obtained in the fall, for the cold weather will so hamper the young ones that they cannot grow thriftily. There will be a sheer waste then, and labor lost.

The young pigs should learn to eat well before cold weather, and they should be accustomed to some regular, cheap but strengthening diet. They should have comfortable but economical quarters. If the trouble to give them good quarters and food is not to be taken, it is better not to breed for fall pigs. The first necessity in the proper development of the young animal is a combination of food, the digestive elements of which will furnish ample nutriment to grow the muscles, nervous tissues and bones, round out the frame, and produce a healthy vital system. development of the frame, and corn meal, during this period, does not contain the nutriment desired. After the full development, however, there is nothing equal to corn to lay the fat on. The pigs should be weaned thoroughly, and then put upon a system of muscle and frame-making food before fatteing food is fed to them. Late in the winter and early spring the corn may be fed, in quantity, for by that time, if the pigs have grown properly, they will have large, strong frames, on which fat can be laid. The fact is, too much fat is generally obtained early in the pig's life, and they never really grow as large as they naturally ought to. Two litters a year is all that a good sow should be required to bring forth, for if more than this is demanded, it is a serious tax upon her health and strength.' By careful management and breeding, these two litters, one in the fall and one in the spring, can be reared successfully without too much erowdmuch more than in the fall, the cost of ing. This gives the two best seasons wintering them will hardly be returned for securing a good start to grow with by the small additional weight. But the young pig, and the best seasons to



We make a specialty of the celebrated Tack-abery saddle. The demand for this saddle requires much effort to keep orders promptly filled, and parties wanting it will do well to place their order at once to avoid delay. We will spare neither pains or cost to keep this saddle up to the reputation obtained for it by the firms whom we succeed. Nothing but standard goods will be manufactured. Send for catalogue and prices.



The man who starts out to grow hogs in large numbers, because he reasons that the more he can have of them the other machinery, if continued to run-Fat, as such, is not wanted till after the better, is the man who usually gets disgusted with the business the quickest. The losses that grow out of having too great numbers take away all the profits. With overcrowded pens there always comes a train of trouble. Every experienced grower will guard against having more than he can care for.

Pay attention to the fall pigs, and see that they have proper food, if you want them to pay for their keep. As the green food around the fence corners, dries up, fall pigs should be supplied with vegetable food, such as table scraps cooked in dish water, potato peelings, a little bran and shorts mixed with corn and oats ground in equal parts, etc. Give also a supply of coal and wood ashes, lime and salt where they can have access to them at any time.

When pigs do not have access to grass, it is a good idea to give some linced meal mixed with their other food. It is a mild laxative, and then get an early start in growing to will serve to keep the bowels in good condition-always an important consideration if you wish the animals to keep in health. This is also a cheap food, its value not being generally understood. Chemical analysis shows that 100 pounds of it is equal to 300 pounds of oats, to 318 pounds of corn, and to 767 pounds of wheat bran. Examine the market prices of each, and see if you

The Fall Pigs.

American Cultivator.

If the fall pigs are to come in during September, the most desirable month, the work must be attended to early enough in the season to make calculations accurate. It is always better to have them farrowed in September than later, owing to the fact that they can resist the cold of winter. Fall pigs can be made profitable, but in order to do this system and method must be adopted. If in the spring they do not weigh when they get a good start in fall, and furnish for market.

PERSONAL MENTION

Thorp Andrews was in the city this week.

S. B. Burnett come down from his ranch Tuesday.

Wm. Hunter spent most of this week in the cattle center.

Tom Shoemaker returned from Velasco a few days ago.

W. H. Cook of Santo, a leading cowman, was a visitor in the city Thursday.

C. C. French returned from visiting his family, at Clinton, Mo., the first of the week.

A. B. Robertson shipped out several cars of beef cattle from Colorado City Thursday.

Jeff Chaneweth, a Knox county cattleman, was mixing with his friends in the city Thursday.

Col. L. B. Haynie of Rice, Texas, still has a lot of fine Merino bucks and ewes for sale. Write him.

C. C. Mills, a prominent stockman of Throckmorton county, was in Fort Worth Wednesday night.

John Andrews of this city is still on the market for 300 feeding steers. He has bought about 500 head.

Tom Waggoner of Decatur passed through Fort Worth Monday en route to his pasture in the Osage Nation.

H. T. Keenan of the "Q" is out of town. He is supposed to have gone with the STOCK JOURNAL contest editor.

Harry Halsell of Decatur says: Put me down for 500 votes for I think he is certainly entitled to the prize.

Capt. J. P. Moore of the, Texas and Pacific has spent most of the week on his Handley farm, barvesting his potato crop.

ers in this issue of the STOCK JOURNAL some valuable . Taylor county land for sale or exchange for cattle, sheep or horses. See his advertisement in another column.

J. M. Shelton of Mobeetie, Tex., wants 3000 head of steer cattle to pasture in the Panhandle. Cattle nen whose ranges are overstocked will do well to write him. See his advertisement in another column.

T. C. Andrews of McKinney, a prominent cattleman, and father of T. C. Andrews of this city, came in Thursday from Mineral Wells, where he has been for three weeks. Mr. Andrews is much improved in health.

B. R. Thompson of San Antonio, the popular representative of the Canda Cattle company, was in Fort Worth the first of this week. Mr. Thompson has many good friends among the live stock shippers and railroad men of Texas.

Beecham pills that have been so potent a factor in maintaining the health of the human family, is advertised in this issue of the STOCK JOURNAL. If sick buy a box on trial and you will be you areconvinced of their merit.

The Phœnix Nursery Co., successor to Siduey Tuttle & Co. of Bloomington. Ill., wishes to call the attention of parties desiring to purchase fruit and ornamental trees, shrubery, roses and vines to their immense stock now ready for shipment. Write for catalogue.

Col. Harry M. Taylor, well known among Texas cattlemen, is reported to have recently mysteriously disappeared from New York City. His friends suspect foul play. The JOURNAL hopes. however, that the colonel will turn up safe and sound in a few days.

J. B. Bowne, manager of the Sand Valley ranch in Palo Pinto county, was in the city Wednesday. Mr. Bowne has the best bred herd of both cattle and horses in Western Texas. He is now offering 125 high-grade steer yearlings for sale.

to make cash advances on consignments and assist our patrons in marketing their stock. We furnish market reports by mail or wire free of charge. Give us a trial is all we ask.

> WM. RAGLAND, Agent, Fort Worth, Texas.

THE MATADOR CASE.

It Will Come up Before Judge Beckham in Chambers.

To-morrow morning at 9 o'clock, before Judge Beckham in Chambers, a case will be argued which is of great importance to every cattle dealer in the state of Texas. Some time since the Matador Land and Cattle Company of the Panhandle sued out an injunction against Judge H. H. Campbell, prohibiting him from driving cattle from adjoining counties across the line known as the Rusk quarantine line. The ranch upon which Judge Campbell wishes to pasture the cattle is within land which has been inclosed by the Matador company, but owned by the judge. When the Matador company learned of Judge Campbell's intention. it got out an injunction and the removal was stopped. The cattle which were about to be removed, Judge Campbell says, are just as healthy as any in the Matador range, and that the move is simply one to keep other people from grazing cattle in that section and thus secure the grazing for the Matador cattle alone.

Judge Campbell and his attorneys, Robinson & Springer, say that the government has no right to draw a line across a portion of Texas and exclude healthy cattle from all parts south of the line, and the case will be tested today. If the injunction is dissolved, the validity of the Rusk line will be denied. and healthy cattle can be driven into the Panhandle.

Ross, Chapman & Ross represent the Matador Land and Cattle Company. The decision in this case is looked forward to by cattlemen as one of vast importance, and upon it depends a great deal.-Fort Worth Gazette. The case was not tried before Judge Beckham, but will be heard by Judge Geo. E. Miller, at Wichita Falls, on September 7.

Stock Yards Notes.

D. R. Fant fed 45 cars of cattle in transit from Alice, Texas, to Purcell, I. T.

E. Fossant of Harrold, Texas, had one car of beef on the market this week.

The Day Cattle Co. fed seven cars of cattle in transit for Chicago.

Corn & Hackett marketed cattle this week.

L. Roy of Terrell, Texas, sold one car of calves.

W. J. Ligon of Rhome, Texas, sold cattle at satisfactory prices.

J. M. Preode sold, a good bunch of muttons at full market prices.

A. C. Robins sold 19 head of beeves. Steed Bros. of Crafton, Texas, sold 29 cows.

Mr. E. Linn of Sunset, Tex., sold one car of hogs.

J. G. Whitlow of Weatherford sold 42 head of cows yesterday.

'The addition to the packing house will be completed within three weeks. after which they will kill 1200 to 1500 hogs per day. The machinery for the canning department is being rapidly put in and within a few days will be running on full time.

Four Thousand Cattle Stampeded. National Provisioner.

Four thousand head of cattle recently ran amuck in the vicinity of Tuttle's Lake in Kossuth county, Iowa, terrorizing the farmers' families and doing much damage. The cattle were owned in Humbolt and Kossuth counties, and were gathered together in one vast herd for summer grazing on the pastures near Tuttle's Lake. In some manner the herd was stampeded in the night, and the half dozen herders were powerless to control it. The 4000 crazed cattle started out in one vast army, bellowing frightfully. Fences were no obstacle to their progress, and they tore over farm after farm tramping the crops into the mire. After a time the herd was gradually divided up and scattered over the country. The numerous small herds of cows that came in their way soon caught the craze and joined the stampeders. When morning dawned the big herd was scattered, in all directions, and the country in the vicinity of Tuttle's Lake resembled the path of a cyclone. The farmers whose crops and fences were destroyed proceeded to repair the latter as soon as possible, and impounded as many of the then sobered steers as they could capture. These they are holding for damages, while the owners are coming from all directions to reclaim their property. The entire nieghborhood is excited, and the occupation of the herders for the summer is gone.

Ed East, the cattle dealer of Archer. wants to open the contest pot with 250 votes for a certain railroad live stock agent

A. J. Stratton, representing the Terminal Railroad association of St. Louis (the Eads Bridge) was in Fort Worth Wednesday.

E.C. Sugg, the Indian Territory cattleman, sends 2000 votes to be divi ded between two of the prominent rail road live stock agents.

Capt. Burke Burnett received several cars of cattle from E. M. Cobb, Thursday, and loaded them out for Rutherford, to be placed on his pasture.

James A. Wilson of the Chicago and Alton, the man who never told a falsehood in all his, life, is slightly disfigured this week, but still in the ring.

John K. Rosson of the Frisco came in Thursday night from a trip to Colorado City. He says it is very dry out there. and very few cattle are being shipped.

J. L. Pennington, live stock agent for the Santa Fe, who promised to poll a heavy vote from the San Angelo country, has been in the city several days this week.

J. M. Edwards of Smithfield, Texas, offers for sale or exchange for cattle. through the columns of the JOURNAL. a good farm. He also has 100 head of three and four-year-old feeding steers for sale If you want a bargain go to see or write him.

The Denver Live Stock Commission company of Denver, Colo., have some very desirable land in Nebraska, which they desire to sell, or will exchange for Texas steers. Parties desiring to invest in real estate in the Northwest will find it to their interest to commu nicate with this firm. See their advertisement in another column.

S. R. Hill, live stock agent of the Union Pacific railroad, says that the cattle and hog interests of Kansas are largely on the increase in every particular. Not only are more cattle and hogs being raised but they are of better quality. The Union Pacific road alone, he says, brings into Kansas City on an average from 1000 to 1500 cattle per day, and they nearly all come from

The Texas Live Stock Commission company, of Chicago, Kansas City and St. Louis, is the only firm that sells exclusively Texas and Indian Territory H.L. Bentley of Abilene, Texas, offers cattle and no other. We are prepared 'run out equally fast with carelessness

Kansas.

Steers for Sale.

We have 1000 good, plains-raised 3. 4 and 5-year-old steers for sale. Also 500 first-class, 3 and 4-year-old Young county steers; also several smaller lots, all of which will be sold at a bargain. TEXAS LAND & LIVE STOCK AGENCY 401 Main Street, Fort Worth, Texas.

Fine Stock.

Will sell in lots to suit, 150 highgrade horses, 600 Shorthorn stock cattle, 125 two-year-old Shorthorn steers. Will also sell at a bargain the entire outfit, including ranch lands and live stock, one of the best and most complete fine stock farms in the state. Parties wishing high-grade or thoroughbred cattle or horses, should call at "Sand Valley Ranch," on the Brazos river, nortwest corner of Palo Pinto county, or write W. B. Bowne, Finis,

Crossing sometimes secures a better hog for fattening, but such animals should never be used for breeding. While they can be improved very rapidly by careful breeding they will

Jack County, Texas.

Fine Stock for Sale or Trade.

On account of my farm being present over-stocked, at I will trade a choice sell or lot of brood mares and young stock. I have thorough bred mares, trottingbred mares and combination saddle and harness-bred mares, all sired by the best of stallions. Also some good young saddle and harness horses, milch cows, Poland-China and Berkshire pigs. I will sell for cash or good six-month's secured paper, or I will trade for good. unencumbered real estate. Address R. E. MADDOX. Fort Worth.

MARKET REPORTS.

FORT WORTH.

FORT WORTH, TEX., Aug., 28, '91. The receipt of cattle for the past week 1553 head, most of which were reshipped-the Packing company only taking about 150 of the number. There were 234 calves, 174 of which were shipped to Northern markets. The hogs amounted to 382, all of which were bought by the Packing company. The cattle market advanced fully ten cents. per hundred over last week's prices. Choice cows finding ready sale at \$1.50, and choice steers were in demand at \$2. Veal calves sold readily at \$2(a2.50, and those weighing from 220 to 225 lbs brought \$1.75(a)2 per 100 lbs. A few goods bulls and stags would find a ready market at \$1(a)1.25.

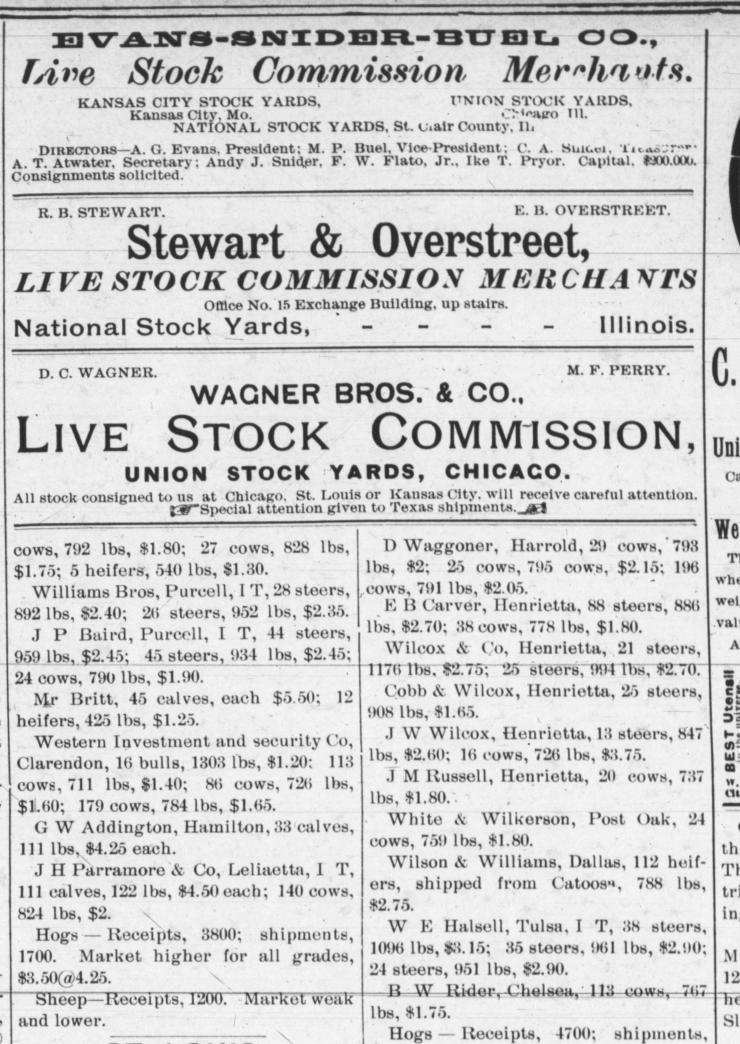
The hog market has declined from twenty to twenty-five cents in all the Northern markets, but has held up well on account of the demand being greater than the supply. The market price is full up-exceeds the Kansas City market. Choice 300 lbs and up are worth \$4.75(@5; 240 to 275 lbs, from \$4.60(a)4.75, and 175 to 200 lbs, \$4.40(a) 4.60. The Packing company are in the market for all the hogs they buy at these figures.

Sheep market steady; receipts nominal. Everything offered found ready sale at $2\frac{1}{2}(a)3c$.

BY WIRE.

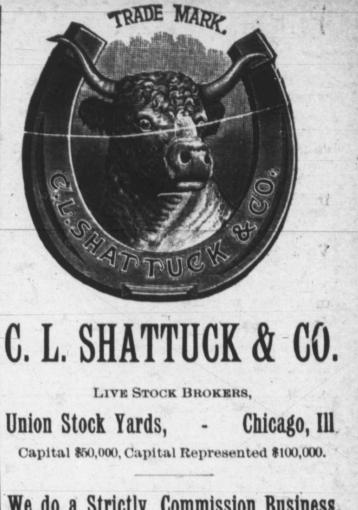
KANSAS CITY.

KANSAS CITY, MO., Aug. 28-Cattle-Receipts, 4400; shipments, 200. Market steady. Steers, \$3(a)5.65; cows, \$1.25(@3; stockers and feeders, \$2.50(@ 3 45.



ST. LOUIS.

1000. Market steady; prices ranged



We do a Strictly Commission Business.

The closest attention will be given your stock when consigned to us. We secure the best weight possible as well as sell for full market value.

A. S. NICHOLSON, Agent, Fort Worth Texas.



Col C C Slaughter of Dallas, was at the yards looking over the situation./ The colonel has been making a leisurely trip through the Northern country during the hot weather.

Phillips & Slaughter's cattle from Miles City, Mont., 373 head, averaged 1284 lbs, and sold at \$4.50, with 126 head, 1288 lbs, \$4.45. They were of the Slaugher brand of Texas cattle.

Loving-cattle company, Henrietta,

110 steers, 962 lbs, \$2.95. \$4.70(@5.35. The following sales of range cattle, J O Hall, Vinita, I T, 229 steers, 1045 NATIONAL STOCK YARDS, ILL.,) Sheep-Receipts, 3400; shipments, made to-day, shows present status of lbs, \$3.25. August 28, 1891. 300. Market steady; fair to fancy, \$2.70 market: Forsythe, Caldwell, 302-steers, 860 Cattle - Receipts, 4400; shipments, (a)4.50.American Pastoral Company, Amalbs, \$2.35. 200. Market higher; good to fancy CHICAGO. rillo, sold 234 steers, 1088 lbs, \$2.50; 81 Taylor Bros, Henrietta, 325 steers, native steers, \$4.90(a)5.60; fair to good steers, 1092 lbs, \$2.50. 1020 lbs, \$3. native steers, \$3(a)5.10; Texans and UNION STOCK YARDS, CHICAGO, Woods & Mincie, Purcell, I 'I', 29 A B Robertson, Colorado City, 86 Indians, \$2.50(a)3.45; canners, \$1.60(a) August 27, 1891. cows, 692 lbs, \$2.121. 2.30. Cattle-Receipts, 13,000. Market fair-Matador cattle company, 435 cows, Belcher & Belcher, Henrietta, sold ly active, steady to strong. Prime to VE 743 lbs. \$1.80. 210 steers, 1102 lbs, \$3.35. extra steers, \$5.90(a)6.20; Texans, J Miles, San Angelo, 46 steers, 627 A J Smith, Bonita, 22 cows, 710 lbs, \$2.25(a)3.25; stockers, \$2.25(a)3.60; ran-STOCK lbs, \$1.75; 134 cows, 607 lbs, \$1.50. gers, \$3.50(a)4.25. \$1.75. Hogs-Receipts, 14,000; shipments, (ANS Market active and higher. 1600. ED. M. SMITH. W. H. H. LARIMER. CHURCH G. BRIDGEFORD. Prices ranged \$4(a5.60. -:-Larimer, Smith & Bridgeford,-:-Sheep-Receipts, 7000; shipments, CONSI 3,000. Market fairly active and steady-CA Ewes. \$3.75(a)4.60; wethers, \$4.20(a)5.25; Live Stock Commission Merchants. COMMISSION MERCHA IGNMENTS mixed, \$4.75(@4.90; Westerns, \$3.95(@ CITY Kansas City Stock Yards, Kansas City, Kansas. 4; lambs, \$4.50(a)5.30. Highest market prices realized and satisfaction guaranteed. Market reports furnished free to shippers and feeders. Correspondence solicited. Reference:-The National Bank of Commerce, Kansas City. Wool Market. ST. LOUIS, MO., Aug. 27.-Wool-Receipts, 14,358 lbs; shipments, 51,000 W. M. DARLINGTON. R. F. QUICK. FRED BOYDEN. JOHN P. BEAL STOCK Ollin. lbs. Market quiet. SOLICITED. Darlington, Quick & Co., BOSTON, MASS., Aug. 27.-Wool-In less demand, but prices are fairly maintained. GALVESTON, TEX., Aug. 27.-Wool-LIVE STOCK COMMISSION MERCHANTS, Chicago, Illinois. Market closed quiet. ARDS Unscoured wool-Yester-We are Always in the Market for Fat Spring, twelve months' clip Thisday. day. 17@19 18@21 Fine Medium HOGS, CATTLE, VEAL CALVES AND SHEEP 19@22 Fall-15@18 18@19 Fine 17@20 17@20 Medium Medium Mexican improved...... Dallas Dressed Beef and Packing Co. 13@15 121/2@15 Mexican carpet 12@14 11@12 S Sales 45,000 pounds. WM. DORAN, Secretary. F. H. DORAN, General Manager. J. S. ARMSTRO VG, P ident.

HORSE DEPARTMENT

The colossal speed programme of the Texas State Fair at Dallas, is worthy of the earnest attention of horsemen of both branches of the turf. There will be thirteen days of races on independent tracks, and entries to stakes close September 1.

October 5 to 10 are the dates of the fall meeting at Exposition Park, Kansas City, Mo. There are fourteen open events for runners, trotters and pacers, to close for harness races September 18, and for runners October 3. The purses are from \$125 to \$1000.

Weed out the colts that toe in or toe out, that are long and weak in the back, crooked and faulty in the legs, that can't move without being booted from tip to tip, those with big heads and without brains, or having them don't know how to use them. Get rid of the ugly blood and so lift the standard of stock and add to the dollars in the business. No man ever kept a poor animal entire and for service but that in the end there was loss rather than gain. Go to the fairs this fall and examine the one and two-year-olds shown, and see if there is not a lesson in this for everyone. It is true in breeding as well as in growing crops, the man who weeds the closest and most intelligently is the one who grows the largest crop and at the least cost.

It is quite possible that we shall soon see a general and sensible reform in the matter of horse shoes. In England; and some parts of Europe, a shoe is now extensively used that is made by compressing common cowhide. Three thicknesses of cow-skin are pressed into a steel mould and then treated with a chemical preparation. The shoe thus made is lighter than those made of metal, and it is claimed that split hoofs are never known in horses using it. Its elasticity prevents many sprains, the horses step being lighter and surer. In Japan, straw treated chemically by some secret process has been used for horse shoes for centuries. American invectors should give us something of this sort. Why not make them plating an outing during the heated

cool off in summer is to hold the wrists under the faucet, for there the blood comes nearest the surface and is quickest cooled. But nobody with a weak heart should try it, and even a strong man, if his blood is very hot and the water very cold, may suffer irreparable injury. Just the same care must be used in the application of water to horses. They are not so delicate as human beings, but they are delicate enough to need careful handling.

The plastic nature of the horse, the noblest creature subject to man, can well be seen by attending an exhibition at one of our large circuses. How much time and patience must it not have taken to educate those animals for such an entertainment, and yet how amply rewarded were the masters for their pains. Obedient, submissive, docile, intelligent, all the latent powers of instinct developed to almost eloquent reason. These qualities often lay dormant in the noble horse, and require but the patience, ingenuity, and skill of man to discover the diamonds in the rough and bring them to a high finish. As truly as there is a forest concealed in the lowly acorn, just so sure are there a thousand and one interesting qualities in the horse that need but to be brought out. They are there hidden away like the petals wrapped in the folds of the rosebud. The little spring on the mountain side if let alone will flow slothfully down and form a marsh, perhaps, below and be no-use to any one. If conducted, however, in mains, it may serve as a great source of profit to the village in the valley and be the means of running much of the idle machinery of the metropolis. The vital forces of the horse, if properly cared for, become a great source of pleasure and profit to mankind, when directed in proper channels, whether draft or pleasure driving, speed, trick or show qualities. - Chicago Horseman.

To th Rockis and Beyo nd.

The Fort Worth and Denver City Railway Co. and the Union Pacific system are now offering unequalled facilities to summer tourists contem-





		LONG STROKE,	
of paper? If that material will	term. Special round trip tickets are	SOLID and	
answer for car wheels, it surely will for	now on sale at greatly reduced rates to		Through Concheg and
		DURABLE.	Through Coaches and
	all the principal summer resorts in Col-	HORSE POWERS, tread or sweep.	Pullman Buffet Sleepers
One of the most important publica-	orado, Wyoming, Idaho, Montana,		I unmun Dunot Dioport
tions ever issued by the department of	California, Oregon and Washington,	PUMPING JACKS, best in market.	BETWEEN
agriculture is its recent work upon the		Feed Cutters, Pear Cutters,	E Wenth and Manakia
at contents internet	good to return October 31st, except Pa-	Iron pipe, Well Casing, Engines, Farm	Fort Worth and Memphis
valuable suggestions upon the care of	cific coast tickets, which are good for	Pumps, Ranch Pumps, Hose, Belt-	And delivering passengers in depots of con-
the horse while in health, and the	six months from date of sile.	ing, Brass Goods, Tanks, Well	And delivering passengers in depots of con- necting lines without a long and uncomfort-
proper means to keep him so. Regard-			able omnibus transfer across that city.
ing feeding, it gives some advice which	This route takes you through the	Drilling Machines, Grind-	TRAINS
we think worth calling attention to	great Panhandle of Texas and the	ing Machines.	Leaving Fort Worth 8:20 a.m.
here. Some men think that if they	mountains of Colorado by daylight, and	If you want any of the above, or if you want farm or ranch fitted with a water outfit, get our catalogues.	Arrives Texarkana
		It will cost you but little and may pay you well	Arrives Memphis 9:15 a.m.
they do all that is necessary. Dr.	1	it will cost you but little and may pay you wen	Connecting with through trains to all
Michener especially cautions against	summer resorts. Elegant day coaches,	/ The Panhandle	points East and Southeast.
sudden changes of food; he says they	buffet sleeping cars, and perfect service	- The Farmanule	Cheap excursion tickets on sale to St. Louis, Cincinnati, Louisville, Chicago and all promi-
are always dangerous. When desirous	have made this the favorite line to all		nent summer resorts.
		Machinery and Improvement Co.,	All further information cheerfully furnished
of changing the food, do it gradually.	points West and Northwest. Be sure	maominory and improvoment ou.,	on application to
If a horse has been accustomed to oats,	to see that your ticket reads via the		G. W. BARNHART, General Agent, 401 Main St., Ft. Worth, Tex.
a sudden change to corn, and full feed-		Corner I infock morton and First Streets.	W. H. WINFIELD.
ing of that, will almost always sicken	Fort Worth and Deuver City railway		Gen'l Pass'r Ag't, Lines in Texas, Texarkana,
him. Nor should the quantity of food	and Union Pacific system.	Fort Worth, Texas,	Tex.
given be increased suddenly, even	HOME-SEEKERS, ATTENTION !		
	HUME SEERERS, ALLENTION .	Pronch House Calevado Tours	
though there be a corresponding in-		Branch House, Colorado, Texas.	
though there be a corresponding in- crease in the work to be done. Of course	The Panhandle country tributary to	Activ agents wanted in every county in	DACTAD CHITU
though there be a corresponding in- crease in the work to be done. Of course the amount of food given should be as	The Panhandle country tributary to the line of the Fort Worth and Denver	Activ agents wanted in every county in the state.	DOCTOR SMITH.
though there be a corresponding in- crease in the work to be done. Of course the amount of food given should be as nearly as possible in proportion to the	The Panhandle country tributary to the line of the Fort Worth and Denver	Activ agents wanted in every county in the state.	uuuiun Jimiin,
though there be a corresponding in- crease in the work to be done. Of course the amount of food given should be as nearly as possible in proportion to the work, but when necessary to increase	The Panhandle country tributary to the line of the Fort Worth and Denver City railway, is now recognized and ad-	Activ agents wanted in every county in the state.	(Regular Graduate)
though there be a corresponding in- crease in the work to be done. Of course the amount of food given should be as nearly as possible in proportion to the work, but when necessary to increase it begin in time, so that it need not be	The Panhandle country tributary to the line of the Fort Worth and Denver City railway, is now recognized and ad- mitted to be the greatest wheat pro-	Activ agents wanted in every county in the state.	TRADE (Regular Graduate)
though there be a corresponding in- crease in the work to be done. Of course the amount of food given should be as nearly as possible in proportion to the work, but when necessary to increase	The Panhandle country tributary to the line of the Fort Worth and Denver City railway, is now recognized and ad- mitted to be the greatest wheat pro- ducing, agricultural and fruit country	Activ agents wanted in every county in the state.	TRADE (Regular Graduate)
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1103 Main Street, Kansas City, Mo.

DAIRY.

To make a fine quality of butter requires healthy cows, good fed and judicious handling of cows, feed and milk. If to this is added a butter breed of cows, you have all the essentials. But the condition of the animal has more to do with the quality of the butter made than the breed has, and good but ter can be made from any of them i they are healthy and reasonably fresh in milk.

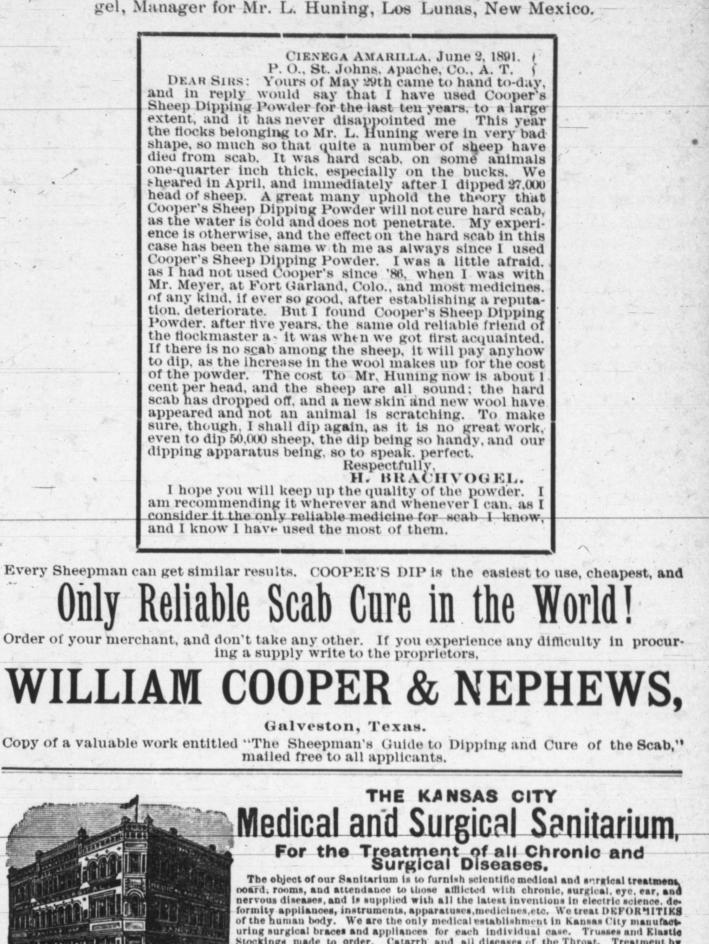
While the disparity in our dairy cows is so great (as it-now is) that one pound of butter may be produced from thirteen pounds of milk, while another requires over thirty-two pounds to give same result (as in recent tests in New York) it, suggests, in the latter case, the prompt necessity for a butcher's services, or the ultimate need of a mortgage or a sheriff's sale.

The increase in our export trade for dairy products has recently been almost phenomenal. In 1889 15,504,978 pounds of American butter went abroad, while in 1890 this was almost doubled, amounting to 29,748,042 pounds. This affords a hint of what this branch of our agriculture may grow to if properly handled. Let us send abroad only the finest products, such as will make a reputation and a demand for more. and it will soon tell in the improved standing of the dairy business and consequent profit to all interested in it.

A correspondent asks us to define the terms "creamery" and "dairy," as ap-plied to butter in the market reports. "Creamery" butter is the product of two or more dairies, the butter being made at a central factory by an expert. Dairy butter is the product of a single dairy, the butter being made upon the farm where the milk is produced. There are two methods of operating creameries, one being known as the whole milk or separator system, the other as the gathered cream system. By the first method, which is now in almost universal use, the milk is brought to the creamery and there set in vats or cans for the cream to rise, or else run through a separator which in the barn or in a box with one side separates the cream from the milk at once. The skim milk is then either made up into cheese, fed to the stock kept at the creamery, or carried back to the farm to be fed. By the gathered cream system, the milk is set in cans. on the farm and a wagon goes over the route collecting the cream and leaving the milk for home feeding. Butter made under the first system usually commands a little higher price in the market than that made from gathered cream.

engendered by an overload. Colic, sours and a complete upsetting of the system often result. " This picture is not overdrawn but may be witnessed on any ranges at this time. The more rational practice of feeding salt at regular and frequent intervals or mixing with feed is not much better. Nature desires and requires, if the conditions are normal, only so much salt as is readily absorbed in the salvia. More or less loose salt is carried into the stomach undissolved, by common methods of salting and often causes serious irritation and consequent illness. It has a harmful effect on the kidney and other internal organs. Common salt contains lime, magnesia and nitre, often injurious. Many instances of the death of sheep and colic in horses and cattle are well authenticated, caused by an overdose of common salt. In this as is about all other difficulties we encounter there is an easy and safe way out. The remedy in salting lies in providing all stock with a piece of lump or mineral salt, where it will be at all times within easy reach. Lump salt is mined and it is in crystal form. The average sample of Rest of lump salt analyzes 99.84 chloride of sodium, the scientific name for salt, so that it is practically pure; the balance, one-sixth of one per cent. is lime and a trace of magnesia, which amount will do no harm. Common eveporated salt averages about 87 per cent. salt, balance lime, magnesia, nitre and moisture. Lump salt costs from three-eighths of a cent to one cent a pound; 75 cents to \$1 per 100 pounds in a retail way. This is three to four times the price of a barrel-of salt, but goes four to five times as far in salting stock. A lumpweighing five to fifty pounds should be kept where the horses or other animals can get to it at all times—in the manger

SHEEPMEN. **READ THIS!** 'Tis of Great Value to You. Letter to the proprietors of the COOPER SHEEP DIP, from Mr. H. Brachvo-



Salt for Live Stock. Field and Farm.

The question of salt for live stock does not receive that consideration which it deserves. In seasons like the present when the grasses are extremely rich in nutritive qualities, the use of salt on the cattle range is particularly needed. As a rule cattle growers are apt to neglect the application of sodium to their ranges, and stock suffers in consequence. There are many things to be taken into consideration when it comes to putting out salt. The use of common bulk salt for horses, cattle, sheep and hogs, especially when given to them at intervals and in large quantities, is injurious. The stock gets ravenous for salt by the time the owner happens to remember that they have not been saited lately. Great handfuls are thrown on the ground, a fight for supremacy results in gouging, kicking striking, biting and tearing up the earth. They eat salt, dirt and all, and when a fill-up is had, away to the stream them to go until frantic, and then give or trough, to slake the inordinate thirst

open in the field.

One large lump in the field, or on the open range at stated intervals, will supply a big flock of sheep, a number of cattle or horses. If the lump is exposed to the weather in the summer it will not waste much, but still it can be very cheaply protected by placing it in a box with open side toward the east, staking the box down if necessary. Stock will not take too much salt in this way. They lick it slowly and the desire is satisfied with very little; better than all, though, the animal is not dependent on the oft-times neglectful attention of man for a supply of that which is as necessary as feed. If the horse is disposed to gorge his feed, several lumps the size of a large orange should be placed in the bottom of the feed box. We believe there would not be one case of colic or heaves, where there are a hundred now, if lump salt were always kept handy for horses. We have used lump salt continously for twelve years, and had an average of fifteen or more horses, and have not had a case of colic or heaves developed in that time. Horses that have had heaves, and are naturally colicy, have recovered from it.

There is no animal that suffers so much abuse from salting as a horse. Some people salt the feed, thus giving to much or too little. Others allow



to have. We have seen strange horses when put in our stables tackle the big lumps of salt, biting off chunks and grinding them down as though they were in a famished condition for lack ofsalt. We are quite confident that a majority of city horses do not receive proper care in this direction. "A merciful man is merciful to his beast," and it's money in his pocket to be merciful. On the open ranges of the Western country rock salt is of especial value, as it keeps the stock in better condition through the long season of green grass feeding. Then too, rock-salt is a means of keepfour or five times as much as they ought 'ing the cattle closer together and they

require much less watching and close herding, when they have salt at stated places on the feeding range. For sheep the salt had better be kept at or near the ranch to which they are driven at night, as it acts as an incentive to come in from the range at nightfall. Range horses need salt as much as they need grass and they ought to have it all through the season when they are running out. No corral or feed yard ought to be without it summer or winter, especially during the latter season. A lump of this salt the size of a pea, if allowed to dissolve in the human mouth, will allay irritation and inflammation in the throat.

CORRESPONDENCE.

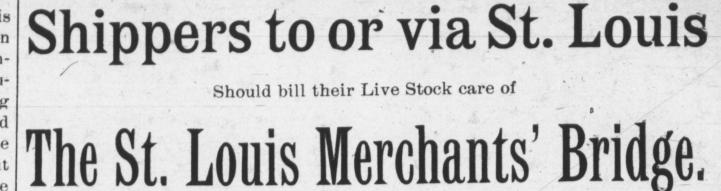
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R. Strahorn & Co.'s Weekly Letter CHICAGO, Monday, Aug. 24, 1891. Editor Texas Live Stock Journal.

With less than 3000 Texans last Tuesday, and half of those billed to slaughterers, the trade was dull and lower. On Wednesday there were over 4000 and another small decline. Thursday we had 5000 and a trade that was steady on Southern Texans and higher for Northern wintered, ours selling at \$3.65 and \$3.75 for averages of 1138 and 1214 lbs. Friday receipts were estimated early at 1500, but before noon we knew there were more than double that number in the yards, which prevented any marked improvement. Saturday, with over 2000, there was no improvement in the trade, the bulk of Southern steers selling at \$2,40(a2.80) for 800(a)1100 lb averages. We sold the Higbee cattle at \$2.40, average 738 lbs, and the Farmer lot, 1024 lbs, \$3.40, with car tailings at \$2.85. To-day we had 2500 and gained in price about what we lost last week. Our cattle sold at \$2.65 for a coarse half-fat lot of 924 lb steers and \$2.75 for two bunches of 855 and 858 lbs. Later in the day we sold some 928 lb cattle at \$2.90. The first bunch to canners and the other three to dressed beef men. Our market to-day is about like last Monday's and we quote bulls at \$1.50(a)1.75; cows, \$1.75(a)2.25; canning steers, \$2.25(a)2.50; dressed beef, \$2.60(a)3.10; with an occasional sale at \$3.25(a)3.75 for choice Southern cattle when they come here as good as those from the North selling at those prices, which is but seldom the past few weeks Some double wintered Montana-Texans sold to-day at \$4.25-a big lot, a good lot, and a good price. Yours,

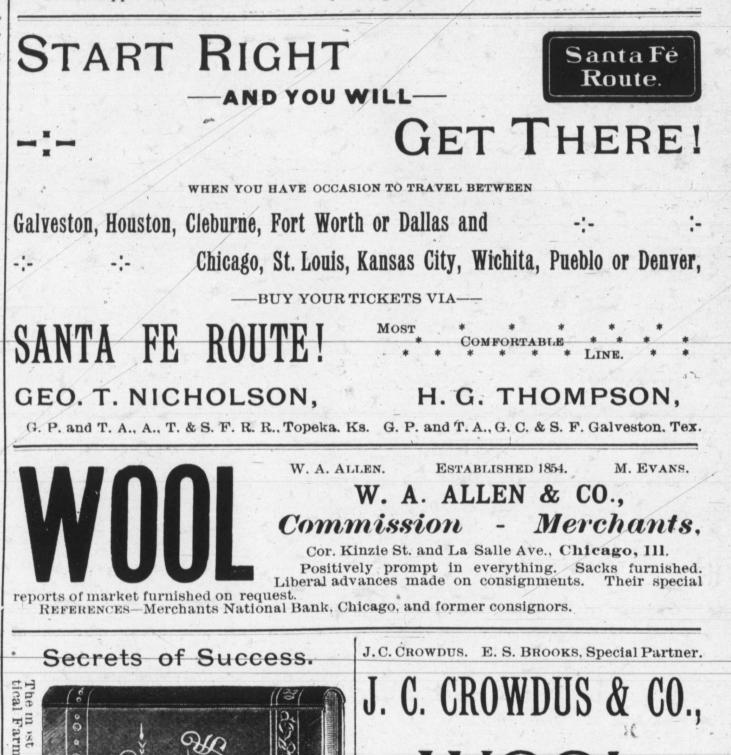
It is easy to understand that this marked improvement in the condition of agricultural affairs must have a considerable effect upon the political situation. Those who have been preaching the gospel of calamity will be obliged to change their tactics, as it would be absurd for them to go on talking about poverty and misery to people who are more prosperous than they have been for ten years past. The Alliance must inevitably lose much of its strength by reason of the failure of the argument of low prices. It had its origin in a feeling of desp ndency over the poor returns of agriculture; and now that those returns are becoming lucrative and encouraging its reason for existing is in a sense removed. The conditions are entirely different from what they were when it was established. The cause of uneasiness which then prevailed are no longer visible. There is no burning of corn for fuel, no selling of wheat for less than the cost of production. The world is ready and eager to take every spare bushel of any of the cereals, at a just and fair price. It pays to be a farmer under such circumstances; and when farming pays there is no necessity for an organization to protest against the alleged evils by which the business is hampered and injured. The logic of success is unanswerable. When men a. e doing well it is inconsistent and useless for them to assume an injured air and to demand legislation in their particular interest. It is their duty to be content and thankful, and let the complaining be done by those who have at least a reasonable pretext for such conduct.

What is lacking is truth and confidence. If there were absolute truth on the one hand and absolute confidence on the other, it wouldn't be necessary for the makers of Dr. Sage's Catarrh Remedy to back up a plain statement of fact by a \$500 guarantee. They say-"If we can't cure you (make it personal, please), of catarrh in the head, in any form or stage, we'll pay you \$500 for your trouble in making the trial." "An advertising fake," you say. Funny, isn't it, how some people prefer sickness to health when the remedy is positive and the guarantee absolute. Wise men don't put money back of "fakes." And "faking" doesn't pay.



Thus avoiding the tunnel and the delays and annoyances connected with same. The management of the Merchants bridge is alive to the necessity of transferring live stock with the least possible delay. Every effort will be made to transact the business so that shippers will have no cause for complaint.

Texas shippers can save several hours by billing as above.



R. STRAHORN & Co.

Farm Profits. Globe Democrat,

The farm profits of the present year will exceed those of any one of the ten preceding years. There is certain to be a large surplus of all kinds of grain, and the prices are sure to be satisfactory. In the Western states particularly, where there has been so much talk about agricultural depression and the possible repudiation of debts, the yield of staple products is likely to exceed the highest estimates, and to provide the farmers with means to take care of all maturing mortgages. It so happens that the crops are short in Europe, and we are prepared to supply the deficiency. A foreign market is opened for all that we have to sell, and we can practically dictate the prices. The upward tendency of prices has already begun, and it will increase as time passes and the facts become definitely known with regard to the wants of other countries. It is safe to count upon \$1 per bushel for wheat, 50 cents for corn, 40 cents for oats, and like prices for other farm products, with the chances in favor of still better returns for those who are able to postpone selling until spring. The prices of everything else are decreasing where they are not stationery; it is only the farmer who has a rising market, and who knows that his labor is to be rewarded | Try it. in a degree which will leave him no room for just complaint.

Magical little granules—those tiny, sugar-coated Pellets of Dr. Pierce scarcely larger than mustard seeds, yet powerful to cure—active, yet mild in operation. The best Liver Pill ever invented. Cure sick headache, dizziness, constipation. One a dose.

Eclipse and Star Mills.

We make a specialty of water supply for ranches, stock farms, city factories or residences. Furnish horse powers, pumping jacks and well drilling machinery. The STAR and new improved long stroke ECLIPSE mills are the best known in the market. Agents for Fairbank's scales, Blake's steam pumps, etc. We repair boilers, engines and all kinds of machinery. The pioneer house in Texas.

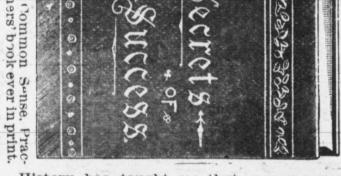
F. F. COLLINS MANUFACTURING CO., Fort Worth and San Antonio, TEX

Fort Worth & Rio Graude Railroad Company.

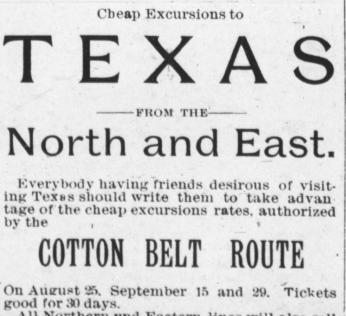
Stockmen, Attention:

Our stock pens at Brownwood are completed. We will be ready to receive and ship your live stock from that point on and after Friday August 7th. Short line, smooth road, quick time. Try it.

> RICHARD LORD, General Freight Agent.



History has taught me that success never comes to any person without personal effort. Some of our most able financiers said that Hon. John Sherman never could accomplish his act in resuming specie payment while Secretary of the Treasury. but with self-will and personal effort he did, to the surprise of all. So with the book I offer, when I state that I grew 100 bushels of beans, oats and corn, and 500 bushels of potatoes per acre. I did not accomplish all this in one year, but by personal effort I claim I have solved the problem. Through this one book I tell you all for \$1.25. It contains more practical information than many books sold for double the amount. All subjects are brief but to the point. Mailed on receipt of price, \$1.25. H. H. DEWEESE, The Gilt-edged Farmer and Seedsman, Author, Piqua, Ohio.



All Northern end Eastern lines will also sell excursion tickets on the above dates via St. Louis, Cairo or Memphis and the Cotton Belt Route. W. H. WINFIELD, Gen'l Pass. Agt., Tyler, Tex.



